

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:10:26

Lab File ID: BP022129.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020779 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.538	0.010	-2.7045	40.0
Benzaldehyde	0.925	1.136	0.010	22.7537	40.0
Pyridine	1.483	1.465	0.010	-1.2222	40.0
Phenol	1.707	1.675	0.080	-1.902	20.0
Bis(2-Chloroethyl)ether	1.307	1.267	0.100	-3.0151	20.0
2-Chlorophenol	1.227	1.257	0.200	2.4447	20.0
2-Methylphenol	1.238	1.209	0.010	-2.3943	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.162	0.010	-4.1796	40.0
Acetophenone	2.156	2.062	0.060	-4.3981	20.0
4-Methylphenol	1.350	1.294	0.010	-4.1495	20.0
N-Nitroso-di-n-propylamine	1.118	1.076	0.050	-3.7636	30.0
Hexachloroethane	0.579	0.598	0.100	3.1885	20.0
Nitrobenzene	0.458	0.459	0.050	0.3502	25.0
Isophorone	0.793	0.785	0.050	-0.9705	25.0
2-Nitrophenol	0.182	0.196	0.050	7.9457	25.0
2,4-Dimethylphenol	0.411	0.410	0.050	-0.2206	25.0
Bis(2-Chloroethoxy)methane	0.457	0.442	0.050	-3.3661	20.0
2,4-Dichlorophenol	0.366	0.378	0.060	3.3257	20.0
Naphthalene	1.052	1.064	0.200	1.1485	20.0
4-Chloroaniline	0.436	0.426	0.010	-2.2415	40.0
Hexachlorobutadiene	0.325	0.329	0.040	1.1064	30.0
Caprolactam	0.111	0.106	0.010	-4.9254	40.0
4-Chloro-3-methylphenol	0.396	0.389	0.040	-1.7798	25.0
1-Methylnaphthalene	0.789	0.775	0.100	-1.7672	20.0
2-Methylnaphthalene	0.782	0.768	0.100	-1.7899	20.0
Hexachlorocyclopentadiene	0.466	0.459	0.010	-1.6657	40.0
2,4,6-Trichlorophenol	0.443	0.467	0.090	5.4279	25.0
2,4,5-Trichlorophenol	0.480	0.510	0.100	6.1929	25.0
1,1-Biphenyl	1.430	1.443	0.200	0.9188	20.0
2-Chloronaphthalene	1.152	1.177	0.300	2.2225	20.0
2-Nitroaniline	0.333	0.338	0.050	1.6203	40.0
Dimethylphthalate	1.553	1.538	0.300	-0.9763	20.0
2,6-Dinitrotoluene	0.298	0.304	0.080	2.0535	30.0
Acenaphthylene	1.707	1.710	0.400	0.1895	20.0
3-Nitroaniline	0.271	0.271	0.010	0.1172	40.0
Acenaphthene	1.240	1.213	0.200	-2.229	20.0
2,4-Dinitrophenol	0.203	0.168	0.010	-16.9739	40.0
4-Nitrophenol	0.299	0.293	0.010	-2.0301	40.0
Dibenzofuran	1.844	1.833	0.300	-0.6006	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:10:26

Lab File ID: BP022129.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020779 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.455	0.070	-0.7294	30.0
Diethylphthalate	1.537	1.486	0.300	-3.3122	20.0
Fluorene	1.533	1.466	0.200	-4.4255	20.0
4-Chlorophenyl-phenylether	0.883	0.848	0.100	-3.8978	20.0
4-Nitroaniline	0.276	0.295	0.010	6.9124	40.0
4,6-Dinitro-2-methylphenol	0.135	0.131	0.010	-3.1229	40.0
N-Nitrosodiphenylamine	0.527	0.540	0.050	2.585	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.779	0.100	5.0094	20.0
4-Bromophenyl-phenylether	0.240	0.249	0.070	3.864	20.0
Hexachlorobenzene	0.292	0.304	0.050	4.3144	25.0
Atrazine	0.235	0.234	0.010	-0.2617	25.0
Pentachlorophenol	0.195	0.192	0.010	-1.3864	40.0
Phenanthrene	1.049	1.042	0.200	-0.6501	20.0
Pentachlorobenzene	0.330	0.341	0.050	3.2209	20.0
Anthracene	1.067	1.066	0.200	-0.1161	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.326	0.050	8.4881	20.0
Carbazole	0.941	0.928	0.050	-1.2907	40.0
Di-n-butylphthalate	1.084	1.035	0.500	-4.5793	25.0
Fluoranthene	1.184	1.160	0.400	-2.0703	25.0
Pyrene	1.275	1.238	0.400	-2.8718	25.0
Butylbenzylphthalate	0.444	0.428	0.100	-3.6023	40.0
3,3-Dichlorobenzidine	0.458	0.486	0.010	6.1147	40.0
Benzo (a) anthracene	1.378	1.373	0.300	-0.372	30.0
Chrysene	1.294	1.277	0.200	-1.2503	30.0
Bis (2-ethylhexyl) phthalate	0.652	0.615	0.200	-5.6253	40.0
Di-n-octyl phthalate	0.988	0.876	0.010	-11.3003	40.0
Benzo (b) fluoranthene	1.242	1.232	0.200	-0.7816	25.0
Benzo (k) fluoranthene	1.237	1.190	0.200	-3.8221	25.0
Benzo (a) pyrene	1.144	1.134	0.200	-0.8893	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.511	0.200	1.2896	25.0
Dibenzo (a,h) anthracene	1.202	1.208	0.200	0.5006	30.0
Benzo (g,h,i) perylene	1.157	1.171	0.200	1.1835	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.464	0.040	0.3328	20.0
1,4-Dioxane-d8	0.511	0.496	0.010	-2.8376	25.0
Pyridine-d5	1.460	1.463	0.010	0.2687	40.0
Phenol-d5	1.636	1.604	0.010	-1.9823	25.0
Bis- (2-Chloroethyl) ether-d8	1.007	0.962	0.050	-4.4731	25.0
2-Chlorophenol-d4	1.184	1.248	0.200	5.4408	20.0
4-Methylphenol-d8	1.296	1.265	0.010	-2.4035	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:10:26

Lab File ID: BP022129.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020779 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.154	0.050	3.158	20.0
2-Nitrophenol-d4	0.170	0.183	0.050	8.0911	30.0
2,4-Dichlorophenol-d3	0.369	0.384	0.060	4.1786	20.0
4-Chloroaniline-d4	0.440	0.421	0.010	-4.1784	40.0
Dimethylphthalate-d6	1.546	1.527	0.300	-1.2617	20.0
Acenaphthylene-d8	1.637	1.684	0.400	2.8905	20.0
4-Nitrophenol-d4	0.264	0.247	0.010	-6.6915	40.0
Fluorene-d10	1.368	1.328	0.100	-2.9205	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.120	0.010	-3.6937	40.0
Anthracene-d10	0.934	0.943	0.300	1.0041	20.0
Pyrene-d10	1.036	1.011	0.300	-2.4627	25.0
Benzo(a)pyrene-d12	1.052	1.067	0.010	1.4341	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:19:55

Lab File ID: BP022142.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020780 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.487	0.010	-12.0419	40.0
Pyridine	1.483	1.310	0.010	-11.6723	40.0
Benzaldehyde	0.925	1.113	0.010	20.243	40.0
Phenol	1.707	1.685	0.080	-1.3058	20.0
Bis(2-Chloroethyl)ether	1.307	1.240	0.100	-5.1297	20.0
2-Chlorophenol	1.227	1.274	0.200	3.8281	20.0
2-Methylphenol	1.238	1.246	0.010	0.6251	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.129	0.010	-6.8962	40.0
Acetophenone	2.156	2.075	0.060	-3.7661	20.0
4-Methylphenol	1.350	1.359	0.010	0.6072	20.0
N-Nitroso-di-n-propylamine	1.118	1.067	0.050	-4.5473	30.0
Hexachloroethane	0.579	0.546	0.100	-5.7626	20.0
Nitrobenzene	0.458	0.431	0.050	-5.7888	25.0
Isophorone	0.793	0.752	0.050	-5.1031	25.0
2-Nitrophenol	0.182	0.196	0.050	7.9801	25.0
2,4-Dimethylphenol	0.411	0.402	0.050	-2.3991	25.0
Bis(2-Chloroethoxy)methane	0.457	0.429	0.050	-6.1981	20.0
2,4-Dichlorophenol	0.366	0.378	0.060	3.295	20.0
Naphthalene	1.052	1.047	0.200	-0.493	20.0
4-Chloroaniline	0.436	0.426	0.010	-2.2677	40.0
Hexachlorobutadiene	0.325	0.317	0.040	-2.5991	30.0
Caprolactam	0.111	0.106	0.010	-4.5625	40.0
4-Chloro-3-methylphenol	0.396	0.401	0.040	1.2849	25.0
1-Methylnaphthalene	0.789	0.772	0.100	-2.0847	20.0
2-Methylnaphthalene	0.782	0.761	0.100	-2.7536	20.0
Hexachlorocyclopentadiene	0.466	0.198	0.010	-57.4627	40.0
2,4,6-Trichlorophenol	0.443	0.488	0.090	10.1569	25.0
2,4,5-Trichlorophenol	0.480	0.526	0.100	9.5524	25.0
1,1-Biphenyl	1.430	1.411	0.200	-1.3509	20.0
2-Chloronaphthalene	1.152	1.163	0.300	1.0295	20.0
2-Nitroaniline	0.333	0.346	0.050	3.916	40.0
Dimethylphthalate	1.553	1.481	0.300	-4.6312	20.0
2,6-Dinitrotoluene	0.298	0.309	0.080	3.8174	30.0
Acenaphthylene	1.707	1.711	0.400	0.2223	20.0
3-Nitroaniline	0.271	0.288	0.010	6.1659	40.0
Acenaphthene	1.240	1.232	0.200	-0.6584	20.0
2,4-Dinitrophenol	0.203	0.192	0.010	-5.1789	40.0
4-Nitrophenol	0.299	0.291	0.010	-2.6895	40.0
Dibenzofuran	1.844	1.781	0.300	-3.4307	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:19:55

Lab File ID: BP022142.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020780 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.458	0.070	-0.169	30.0
Diethylphthalate	1.537	1.418	0.300	-7.7123	20.0
Fluorene	1.533	1.481	0.200	-3.4446	20.0
4-Chlorophenyl-phenylether	0.883	0.838	0.100	-5.0482	20.0
4-Nitroaniline	0.276	0.317	0.010	14.9912	40.0
4,6-Dinitro-2-methylphenol	0.135	0.132	0.010	-2.2118	40.0
N-Nitrosodiphenylamine	0.527	0.530	0.050	0.5436	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.748	0.100	0.9024	20.0
4-Bromophenyl-phenylether	0.240	0.243	0.070	1.3686	20.0
Hexachlorobenzene	0.292	0.301	0.050	3.0902	25.0
Atrazine	0.235	0.232	0.010	-1.2537	25.0
Pentachlorophenol	0.195	0.204	0.010	4.7654	40.0
Phenanthrene	1.049	1.039	0.200	-0.8954	20.0
Pentachlorobenzene	0.330	0.339	0.050	2.7915	20.0
Anthracene	1.067	1.061	0.200	-0.5878	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.321	0.050	7.0657	20.0
Carbazole	0.941	0.945	0.050	0.492	40.0
Di-n-butylphthalate	1.084	1.033	0.500	-4.7467	25.0
Fluoranthene	1.184	1.240	0.400	4.6782	25.0
Pyrene	1.275	1.290	0.400	1.2195	25.0
Butylbenzylphthalate	0.444	0.463	0.100	4.2471	40.0
3,3-Dichlorobenzidine	0.458	0.492	0.010	7.3708	40.0
Benzo (a) anthracene	1.378	1.359	0.300	-1.4208	30.0
Chrysene	1.294	1.253	0.200	-3.1494	30.0
Bis (2-ethylhexyl) phthalate	0.652	0.646	0.200	-0.8452	40.0
Di-n-octyl phthalate	0.988	0.956	0.010	-3.2269	40.0
Benzo (b) fluoranthene	1.242	1.190	0.200	-4.1818	25.0
Benzo (k) fluoranthene	1.237	1.219	0.200	-1.5183	25.0
Benzo (a) pyrene	1.144	1.109	0.200	-3.0803	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.493	0.200	0.1217	25.0
Dibenzo (a,h) anthracene	1.202	1.211	0.200	0.79	30.0
Benzo (g,h,i) perylene	1.157	1.155	0.200	-0.1764	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.484	0.040	4.7566	20.0
1,4-Dioxane-d8	0.511	0.436	0.010	-14.5356	25.0
Pyridine-d5	1.460	1.291	0.010	-11.5733	40.0
Phenol-d5	1.636	1.643	0.010	0.4564	25.0
Bis- (2-Chloroethyl) ether-d8	1.007	0.942	0.050	-6.4739	25.0
2-Chlorophenol-d4	1.184	1.248	0.200	5.4207	20.0
4-Methylphenol-d8	1.296	1.301	0.010	0.347	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/1/2024 1:19:55

Lab File ID: BP022142.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020780 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.154	0.050	2.8781	20.0
2-Nitrophenol-d4	0.170	0.185	0.050	9.0136	30.0
2,4-Dichlorophenol-d3	0.369	0.389	0.060	5.6291	20.0
4-Chloroaniline-d4	0.440	0.428	0.010	-2.6777	40.0
Dimethylphthalate-d6	1.546	1.485	0.300	-3.926	20.0
Acenaphthylene-d8	1.637	1.673	0.400	2.2267	20.0
4-Nitrophenol-d4	0.264	0.259	0.010	-2.1649	40.0
Fluorene-d10	1.368	1.344	0.100	-1.7483	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.122	0.010	-1.9147	40.0
Anthracene-d10	0.934	0.943	0.300	0.9541	20.0
Pyrene-d10	1.036	1.069	0.300	3.1365	25.0
Benzo(a)pyrene-d12	1.052	1.049	0.010	-0.284	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/2/2024 1:05:24

Lab File ID: BP022155.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020781 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.494	0.010	-10.711	50.0
Benzaldehyde	0.925	0.627	0.010	-32.2535	50.0
Pyridine	1.483	1.281	0.010	-13.6027	50.0
Phenol	1.707	1.532	0.080	-10.2586	50.0
Bis(2-Chloroethyl)ether	1.307	1.175	0.100	-10.0553	50.0
2-Chlorophenol	1.227	1.195	0.200	-2.6119	50.0
2-Methylphenol	1.238	1.151	0.010	-7.0549	50.0
2,2-oxybis(1-Chloropropane)	1.212	1.084	0.010	-10.5533	50.0
Acetophenone	2.156	1.934	0.060	-10.3097	50.0
4-Methylphenol	1.350	1.224	0.010	-9.336	50.0
N-Nitroso-di-n-propylamine	1.118	0.983	0.050	-12.064	50.0
Hexachloroethane	0.579	0.544	0.100	-6.1192	50.0
Nitrobenzene	0.458	0.427	0.050	-6.7975	50.0
Isophorone	0.793	0.727	0.050	-8.2749	50.0
2-Nitrophenol	0.182	0.182	0.050	0.0167	50.0
2,4-Dimethylphenol	0.411	0.390	0.050	-5.2339	50.0
Bis(2-Chloroethoxy)methane	0.457	0.419	0.050	-8.2411	50.0
2,4-Dichlorophenol	0.366	0.355	0.060	-2.9537	50.0
Naphthalene	1.052	1.003	0.200	-4.7345	50.0
4-Chloroaniline	0.436	0.404	0.010	-7.309	50.0
Hexachlorobutadiene	0.325	0.303	0.040	-6.8687	50.0
Caprolactam	0.111	0.094	0.010	-15.5589	50.0
4-Chloro-3-methylphenol	0.396	0.370	0.040	-6.6367	50.0
1-Methylnaphthalene	0.789	0.735	0.100	-6.812	50.0
2-Methylnaphthalene	0.782	0.715	0.100	-8.5711	50.0
Hexachlorocyclopentadiene	0.466	0.271	0.010	-41.7934	50.0
2,4,6-Trichlorophenol	0.443	0.440	0.090	-0.7245	50.0
2,4,5-Trichlorophenol	0.480	0.477	0.100	-0.5282	50.0
1,1-Biphenyl	1.430	1.347	0.200	-5.8192	50.0
2-Chloronaphthalene	1.152	1.112	0.300	-3.4355	50.0
2-Nitroaniline	0.333	0.314	0.050	-5.7496	50.0
Dimethylphthalate	1.553	1.424	0.300	-8.2664	50.0
2,6-Dinitrotoluene	0.298	0.286	0.080	-4.0885	50.0
Acenaphthylene	1.707	1.707	0.400	0.0115	50.0
3-Nitroaniline	0.271	0.234	0.010	-13.7969	50.0
Acenaphthene	1.240	1.155	0.200	-6.901	50.0
2,4-Dinitrophenol	0.203	0.150	0.010	-26.1532	50.0
4-Nitrophenol	0.299	0.261	0.010	-12.724	50.0
Dibenzofuran	1.844	1.672	0.300	-9.3478	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/2/2024 1:05:24

Lab File ID: BP022155.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020781 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.430	0.070	-6.376	50.0
Diethylphthalate	1.537	1.338	0.300	-12.9133	50.0
Fluorene	1.533	1.394	0.200	-9.125	50.0
4-Chlorophenyl-phenylether	0.883	0.805	0.100	-8.8128	50.0
4-Nitroaniline	0.276	0.220	0.010	-20.2828	50.0
4,6-Dinitro-2-methylphenol	0.135	0.114	0.010	-15.8562	50.0
N-Nitrosodiphenylamine	0.527	0.490	0.050	-6.9909	50.0
1,2,4,5-Tetrachlorobenzene	0.742	0.702	0.100	-5.2787	50.0
4-Bromophenyl-phenylether	0.240	0.228	0.070	-4.8821	50.0
Hexachlorobenzene	0.292	0.286	0.050	-1.8878	50.0
Atrazine	0.235	0.188	0.010	-19.8394	50.0
Pentachlorophenol	0.195	0.182	0.010	-6.5078	50.0
Phenanthrene	1.049	0.992	0.200	-5.3644	50.0
Pentachlorobenzene	0.330	0.314	0.050	-4.858	50.0
Anthracene	1.067	1.004	0.200	-5.9549	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.292	0.050	-2.6406	50.0
Carbazole	0.941	0.871	0.050	-7.4279	50.0
Di-n-butylphthalate	1.084	0.947	0.500	-12.6235	50.0
Fluoranthene	1.184	1.166	0.400	-1.5034	50.0
Pyrene	1.275	1.214	0.400	-4.7541	50.0
Butylbenzylphthalate	0.444	0.417	0.100	-6.1133	50.0
3,3-Dichlorobenzidine	0.458	0.400	0.010	-12.757	50.0
Benzo (a) anthracene	1.378	1.283	0.300	-6.8856	50.0
Chrysene	1.294	1.208	0.200	-6.6085	50.0
Bis (2-ethylhexyl) phthalate	0.652	0.591	0.200	-9.3688	50.0
Di-n-octyl phthalate	0.988	0.838	0.010	-15.1958	50.0
Benzo (b) fluoranthene	1.242	1.197	0.200	-3.6207	50.0
Benzo (k) fluoranthene	1.237	1.138	0.200	-8.0219	50.0
Benzo (a) pyrene	1.144	1.082	0.200	-5.4229	50.0
Indeno (1,2,3-cd) pyrene	1.492	1.400	0.200	-6.1407	50.0
Dibenzo (a,h) anthracene	1.202	1.144	0.200	-4.8306	50.0
Benzo (g,h,i) perylene	1.157	1.123	0.200	-2.9371	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.453	0.040	-2.0605	50.0
1,4-Dioxane-d8	0.511	0.443	0.010	-13.1957	50.0
Pyridine-d5	1.460	1.251	0.010	-14.2802	50.0
Phenol-d5	1.636	1.527	0.010	-6.6642	50.0
Bis- (2-Chloroethyl) ether-d8	1.007	0.897	0.050	-10.9935	50.0
2-Chlorophenol-d4	1.184	1.193	0.200	0.8237	50.0
4-Methylphenol-d8	1.296	1.226	0.010	-5.3979	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG No.: BP100124

Instrument ID: BNA_P Calibration Date/Time: 10/2/2024 1:05:24

Lab File ID: BP022155.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020781 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.148	0.050	-0.8779	50.0
2-Nitrophenol-d4	0.170	0.174	0.050	2.4997	50.0
2,4-Dichlorophenol-d3	0.369	0.370	0.060	0.2571	50.0
4-Chloroaniline-d4	0.440	0.411	0.010	-6.4708	50.0
Dimethylphthalate-d6	1.546	1.399	0.300	-9.4787	50.0
Acenaphthylene-d8	1.637	1.609	0.400	-1.7126	50.0
4-Nitrophenol-d4	0.264	0.242	0.010	-8.5559	50.0
Fluorene-d10	1.368	1.253	0.100	-8.3529	50.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.104	0.010	-15.9025	50.0
Anthracene-d10	0.934	0.870	0.300	-6.7958	50.0
Pyrene-d10	1.036	0.991	0.300	-4.3611	50.0
Benzo(a)pyrene-d12	1.052	0.959	0.010	-8.8566	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565	SDG No.:	BP100124
Lab Sample ID:	PB163565BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022130.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565	SDG No.:	BP100124
Lab Sample ID:	PB163565BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022130.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565	SDG No.:	BP100124
Lab Sample ID:	PB163565BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022130.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.719		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.227		20-120		56	SPK: -40
4165-62-2	Phenol-d5	23.124		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.534		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.376		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.513		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.487		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.786		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.247		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.461		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.343		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.997		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.393		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.313		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK565	SDG No.:	BP100124
Lab Sample ID:	PB163565BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022130.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.373		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.584		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	25.098		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.718		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128962	7.699				
1146-65-2	Naphthalene-d8	461536	10.451				
15067-26-2	Acenaphthene-d10	348762	14.304				
1517-22-2	Phenanthrene-d10	817572	17.098				
1719-03-5	Chrysene-d12	983899	21.533				
1520-96-3	Perylene-d12	1142448	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP100124
Lab Sample ID:	P4010-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022131.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	13.6	140	ug/Kg
100-52-7	Benzaldehyde	93	U	93	170	680	ug/Kg
110-86-1	Pyridine	68	U	68	340	680	ug/Kg
108-95-2	Phenol	89	U	89	170	680	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	82	U	82	170	680	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	87.5	350	ug/Kg
95-48-7	2-Methylphenol	80	U	80	170	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	680	ug/Kg
98-86-2	Acetophenone	82	U	82	170	680	ug/Kg
106-44-5	4-Methylphenol	76	U	76	170	680	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	87.5	350	ug/Kg
67-72-1	Hexachloroethane	37	U	37	87.5	350	ug/Kg
98-95-3	Nitrobenzene	64	U	64	87.5	350	ug/Kg
78-59-1	Isophorone	99	U	99	87.5	350	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	87.5	350	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	87.5	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	89	U	89	87.5	350	ug/Kg
120-83-2	2,4-Dichlorophenol	33	U	33	87.5	350	ug/Kg
91-20-3	Naphthalene	51	U	51	87.5	350	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	87.5	680	ug/Kg
87-68-3	Hexachlorobutadiene	91	U	91	87.5	350	ug/Kg
105-60-2	Caprolactam	150	U	150	170	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	87.5	350	ug/Kg
90-12-0	1-Methylnaphthalene	68	U	68	87.5	350	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	87.5	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	87.5	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	87.5	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP100124
Lab Sample ID:	P4010-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022131.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	87.5	350	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	87.5	350	ug/Kg
88-74-4	2-Nitroaniline	84	U	84	87.5	350	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	87.5	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	91	U	91	87.5	350	ug/Kg
208-96-8	Acenaphthylene	66	U	66	87.5	350	ug/Kg
99-09-2	3-Nitroaniline	91	U	91	170	680	ug/Kg
83-32-9	Acenaphthene	60	U	60	87.5	350	ug/Kg
51-28-5	2,4-Dinitrophenol	99	U	99	170	680	ug/Kg
100-02-7	4-Nitrophenol	91	U	91	170	680	ug/Kg
132-64-9	Dibenzofuran	66	U	66	87.5	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	89	U	89	87.5	350	ug/Kg
84-66-2	Diethylphthalate	62	U	62	87.5	350	ug/Kg
86-73-7	Fluorene	51	U	51	87.5	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	87.5	350	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	170	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	680	ug/Kg
86-30-6	N-Nitrosodiphenylamine	68	U	68	87.5	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	87.5	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	60	87.5	350	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	87.5	350	ug/Kg
1912-24-9	Atrazine	150	U	150	170	680	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	680	ug/Kg
85-01-8	Phenanthrene	60	U	60	87.5	350	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	87.5	350	ug/Kg
120-12-7	Anthracene	51	U	51	87.5	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	87.5	350	ug/Kg
86-74-8	Carbazole	58	U	58	170	680	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	87.5	350	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP100124
Lab Sample ID:	P4010-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022131.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	U	100	87.5	350	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	87.5	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	99	U	99	170	680	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	56	87.5	350	ug/Kg
218-01-9	Chrysene	64	U	64	87.5	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	87.5	350	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	170	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	U	68	87.5	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	87.5	350	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	87.5	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	87.5	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	87.5	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.5	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	87.5	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.455		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	12.556		20-120		31	SPK: -40
4165-62-2	Phenol-d5	18.431		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.931		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.146		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.094		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.668		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.388		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.764		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.573		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.139		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.529		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.392		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.385		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT8	SDG No.:	BP100124
Lab Sample ID:	P4010-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022131.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.962		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	19.824		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.476		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.301		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121395	7.705				
1146-65-2	Naphthalene-d8	440368	10.457				
15067-26-2	Acenaphthene-d10	322405	14.304				
1517-22-2	Phenanthrene-d10	760298	17.098				
1719-03-5	Chrysene-d12	943432	21.533				
1520-96-3	Perylene-d12	1251405	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.681	
000057-10-3	n-Hexadecanoic acid	360	J			18.039	
	(DEL) Alkane: Straight-Chain21.204	420	J			21.204	
	(DEL) Alkane: Straight-Chain22.427	520	J			22.427	
	(DEL) Alkane: Straight-Chain23.974	680	J			23.974	
	(DEL) Alkane: Straight-Chain26.127	450	J			26.127	
E966796	Total Alkanes	2100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW6	SDG No.:	BP100124
Lab Sample ID:	P4010-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	80.9
Sample Wt/Vol:	50	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022132.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	20.7	210	ug/Kg
100-52-7	Benzaldehyde	140	U	140	260	1000	ug/Kg
110-86-1	Pyridine	100	U	100	520	1000	ug/Kg
108-95-2	Phenol	140	U	140	260	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	260	1000	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	530	ug/Kg
95-48-7	2-Methylphenol	120	U	120	260	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	260	1000	ug/Kg
98-86-2	Acetophenone	430	J	130	260	1000	ug/Kg
106-44-5	4-Methylphenol	120	U	120	260	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	130	530	ug/Kg
67-72-1	Hexachloroethane	57	U	57	130	530	ug/Kg
98-95-3	Nitrobenzene	97	U	97	130	530	ug/Kg
78-59-1	Isophorone	150	U	150	130	530	ug/Kg
88-75-5	2-Nitrophenol	97	U	97	130	530	ug/Kg
105-67-9	2,4-Dimethylphenol	79	U	79	130	530	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	130	530	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	130	530	ug/Kg
91-20-3	Naphthalene	79	U	79	130	530	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	130	530	ug/Kg
105-60-2	Caprolactam	230	U	230	260	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	530	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	130	530	ug/Kg
91-57-6	2-Methylnaphthalene	72	U	72	130	530	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	300	260	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW6	SDG No.:	BP100124
Lab Sample ID:	P4010-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	80.9
Sample Wt/Vol:	50	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022132.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75	U	75	130	530	ug/Kg
91-58-7	2-Chloronaphthalene	82	U	82	130	530	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	130	530	ug/Kg
131-11-3	Dimethylphthalate	91	U	91	130	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	130	530	ug/Kg
208-96-8	Acenaphthylene	100	U	100	130	530	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	260	1000	ug/Kg
83-32-9	Acenaphthene	91	U	91	130	530	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	260	1000	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	260	1000	ug/Kg
132-64-9	Dibenzofuran	100	U	100	130	530	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	130	530	ug/Kg
84-66-2	Diethylphthalate	94	U	94	130	530	ug/Kg
86-73-7	Fluorene	79	U	79	130	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	130	530	ug/Kg
100-01-6	4-Nitroaniline	97	U	97	260	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	260	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	130	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	130	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91	U	91	130	530	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	130	530	ug/Kg
1912-24-9	Atrazine	220	U	220	260	1000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	260	1000	ug/Kg
85-01-8	Phenanthrene	91	U	91	130	530	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	530	ug/Kg
120-12-7	Anthracene	79	U	79	130	530	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	130	530	ug/Kg
86-74-8	Carbazole	88	U	88	260	1000	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	130	530	ug/Kg
206-44-0	Fluoranthene	170	U	170	260	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW6	SDG No.:	BP100124
Lab Sample ID:	P4010-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	80.9
Sample Wt/Vol:	50 Units: g	Final Vol:	500 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
BP022132.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	530	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	130	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	260	1000	ug/Kg
56-55-3	Benzo(a)anthracene	85	U	85	130	530	ug/Kg
218-01-9	Chrysene	97	U	97	130	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	130	530	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	260	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	130	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	130	530	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	130	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	U	97	130	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88	U	88	130	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	130	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	130	530	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.501		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.947		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.849		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.476		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.982		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.634		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.878		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.257		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.9		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.663		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.732		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.198		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	10.837		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW6	SDG No.:	BP100124
Lab Sample ID:	P4010-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	80.9
Sample Wt/Vol:	50	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022132.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.647		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	9.759		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	9.079		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.648		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150460	7.699				
1146-65-2	Naphthalene-d8	547635	10.457				
15067-26-2	Acenaphthene-d10	393392	14.31				
1517-22-2	Phenanthrene-d10	921922	17.104				
1719-03-5	Chrysene-d12	1098962	21.539				
1520-96-3	Perylene-d12	1335921	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	260	J			19.304	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	410	J			21.21	
	(DEL) Alkane: Straight-Chain22.421	1600	J			22.421	
067860-04-2	Oxirane, heptadecyl-	220	J			23.492	
	(DEL) Alkane: Straight-Chain23.974	4700	J			23.974	
000638-66-4	Octadecanal	1200	J			25.492	
	(DEL) Alkane: Straight-Chain26.127	330	J			26.127	
002004-39-9	1-Heptacosanol	1200	J			26.251	
002765-11-9	Pentadecanal-	2300	J			28.333	
	(DEL) Alkane: Cyclic29.427	1700	J			29.427	
000083-47-6	.gamma.-Sitosterol	220	J			30.256	
E966796	Total Alkanes	8300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BP100124
Lab Sample ID:	P4010-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022133.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.9	100	ug/Kg
100-52-7	Benzaldehyde	67	U	67	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	250	490	ug/Kg
108-95-2	Phenol	64	U	64	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	120	490	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	63.7	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90	U	90	120	490	ug/Kg
98-86-2	Acetophenone	200	J	60	120	490	ug/Kg
106-44-5	4-Methylphenol	55	U	55	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	63.7	250	ug/Kg
67-72-1	Hexachloroethane	27	U	27	63.7	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	63.7	250	ug/Kg
78-59-1	Isophorone	72	U	72	63.7	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	63.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	63.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	63.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	63.7	250	ug/Kg
91-20-3	Naphthalene	37	U	37	63.7	250	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	63.7	490	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	63.7	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	63.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	63.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	63.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	U	73	63.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	63.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BP100124
Lab Sample ID:	P4010-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022133.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	63.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	63.7	250	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	63.7	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	63.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	63.7	250	ug/Kg
208-96-8	Acenaphthylene	48	U	48	63.7	250	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	63.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	72	U	72	120	490	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	120	490	ug/Kg
132-64-9	Dibenzofuran	48	U	48	63.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	63.7	250	ug/Kg
84-66-2	Diethylphthalate	45	U	45	63.7	250	ug/Kg
86-73-7	Fluorene	37	U	37	63.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	63.7	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	63.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	63.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	63.7	250	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	63.7	250	ug/Kg
1912-24-9	Atrazine	110	U	110	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	43	U	43	63.7	250	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	63.7	250	ug/Kg
120-12-7	Anthracene	37	U	37	63.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	75	U	75	63.7	250	ug/Kg
86-74-8	Carbazole	42	U	42	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	63.7	250	ug/Kg
206-44-0	Fluoranthene	81	U	81	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BP100124
Lab Sample ID:	P4010-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022133.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	U	73	63.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	63.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	63.7	250	ug/Kg
218-01-9	Chrysene	46	U	46	63.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	63.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	63.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	63.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	63.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	63.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	63.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	63.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	63.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.979		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.884	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	12.714		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.599		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.447		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	10.159		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	13.573		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.049		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.838		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	8		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.961		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.647		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.17		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	13.768		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BP100124
Lab Sample ID:	P4010-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022133.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.181		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	13.324		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.835		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.454		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119212	7.699				
1146-65-2	Naphthalene-d8	447999	10.458				
15067-26-2	Acenaphthene-d10	326876	14.304				
1517-22-2	Phenanthrene-d10	753854	17.11				
1719-03-5	Chrysene-d12	873619	21.539				
1520-96-3	Perylene-d12	1024665	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.693	
000057-10-3	n-Hexadecanoic acid	160	J			18.045	
	unknown-01	240	J			22.227	
E966796	Total Alkanes	36	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022134.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	61	U	61	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.9	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	460	ug/Kg
98-86-2	Acetophenone	140	J	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.9	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.9	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	59.9	240	ug/Kg
78-59-1	Isophorone	68	U	68	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	59.9	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.9	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022134.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.9	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	41	U	41	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	59.9	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.9	240	ug/Kg
86-73-7	Fluorene	35	U	35	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.9	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	48	J	41	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.9	240	ug/Kg
86-74-8	Carbazole	39	U	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.9	240	ug/Kg
206-44-0	Fluoranthene	88	J	76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022134.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	69	U	69	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	38	U	38	59.9	240	ug/Kg
218-01-9	Chrysene	49	J	44	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	J	46	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.936	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.312	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	4.546		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.146		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.259	*	15-120		13	SPK: -40
190780-66-6	4-Methylphenol-d8	2.244	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	5.167		10-135		13	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.067		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.594		10-140		11	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.104		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.635		10-145		14	SPK: -40
93951-97-4	Acenaphthylene-d8	5.206	*	15-120		13	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.136	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	5.457	*	20-140		14	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022134.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.157	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	5.318		10-150		13	SPK: -40
1718-52-1	Pyrene-d10	4.713		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.374	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118413	7.693				
1146-65-2	Naphthalene-d8	433897	10.451				
15067-26-2	Acenaphthene-d10	314263	14.304				
1517-22-2	Phenanthrene-d10	745880	17.116				
1719-03-5	Chrysene-d12	907141	21.539				
1520-96-3	Perylene-d12	1142032	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
1000336-36-2	Methyl 9,12-heptadecadienoate	120	J			19.522	
	(DEL) Alkane: Straight-Chain	23.968	J			23.968	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP100124
Lab Sample ID:	P4010-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022135.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.7	110	ug/Kg
100-52-7	Benzaldehyde	73	U	73	130	540	ug/Kg
110-86-1	Pyridine	54	U	54	270	540	ug/Kg
108-95-2	Phenol	70	U	70	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	130	540	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	69.2	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98	U	98	130	540	ug/Kg
98-86-2	Acetophenone	65	U	65	130	540	ug/Kg
106-44-5	4-Methylphenol	60	U	60	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	69.2	280	ug/Kg
67-72-1	Hexachloroethane	29	U	29	69.2	280	ug/Kg
98-95-3	Nitrobenzene	50	U	50	69.2	280	ug/Kg
78-59-1	Isophorone	78	U	78	69.2	280	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	69.2	280	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	69.2	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	69.2	280	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	69.2	280	ug/Kg
91-20-3	Naphthalene	41	U	41	69.2	280	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	69.2	540	ug/Kg
87-68-3	Hexachlorobutadiene	72	U	72	69.2	280	ug/Kg
105-60-2	Caprolactam	120	U	120	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	69.2	280	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	69.2	280	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	69.2	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	69.2	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	69.2	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP100124
Lab Sample ID:	P4010-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022135.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	69.2	280	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	69.2	280	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	69.2	280	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	69.2	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	72	U	72	69.2	280	ug/Kg
208-96-8	Acenaphthylene	52	U	52	69.2	280	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	130	540	ug/Kg
83-32-9	Acenaphthene	47	U	47	69.2	280	ug/Kg
51-28-5	2,4-Dinitrophenol	78	U	78	130	540	ug/Kg
100-02-7	4-Nitrophenol	72	U	72	130	540	ug/Kg
132-64-9	Dibenzofuran	52	U	52	69.2	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	69.2	280	ug/Kg
84-66-2	Diethylphthalate	49	U	49	69.2	280	ug/Kg
86-73-7	Fluorene	41	U	41	69.2	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	69.2	280	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	69.2	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	69.2	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	69.2	280	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	69.2	280	ug/Kg
1912-24-9	Atrazine	120	U	120	130	540	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	540	ug/Kg
85-01-8	Phenanthrene	47	U	47	69.2	280	ug/Kg
608-93-5	Pentachlorobenzene	85	U	85	69.2	280	ug/Kg
120-12-7	Anthracene	41	U	41	69.2	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	69.2	280	ug/Kg
86-74-8	Carbazole	46	U	46	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	99	U	99	69.2	280	ug/Kg
206-44-0	Fluoranthene	88	U	88	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP100124
Lab Sample ID:	P4010-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022135.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	80	U	80	69.2	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	69.2	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	78	U	78	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	69.2	280	ug/Kg
218-01-9	Chrysene	50	U	50	69.2	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	69.2	280	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	69.2	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	69.2	280	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	69.2	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	69.2	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	69.2	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	69.2	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	69.2	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.885		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	9.443		20-120		24	SPK: -40
4165-62-2	Phenol-d5	17.617		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.25		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.838		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.985		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.641		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.732		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.563		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.478		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.372		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.56		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.963		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	19.362		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW1	SDG No.:	BP100124
Lab Sample ID:	P4010-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022135.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.825		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	18.986		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.078		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.004		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127199	7.699				
1146-65-2	Naphthalene-d8	469899	10.458				
15067-26-2	Acenaphthene-d10	354552	14.304				
1517-22-2	Phenanthrene-d10	840358	17.104				
1719-03-5	Chrysene-d12	1002302	21.539				
1520-96-3	Perylene-d12	1220314	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.687	
000057-10-3	n-Hexadecanoic acid	250	J			18.04	
	(DEL) Alkane: Straight-Chain	21.204	J			21.204	
015594-90-8	1-Heneicosanol	460	J			22.433	
	(DEL) Alkane: Straight-Chain	23.969	J			23.969	
	(DEL) Alkane: Straight-Chain	26.121	J			26.121	
E966796	Total Alkanes	790				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW9	SDG No.:	BP100124
Lab Sample ID:	P4010-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022136.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.7	110	ug/Kg
100-52-7	Benzaldehyde	73	U	73	130	540	ug/Kg
110-86-1	Pyridine	54	U	54	270	540	ug/Kg
108-95-2	Phenol	95	J	70	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	130	540	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	69	280	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97	U	97	130	540	ug/Kg
98-86-2	Acetophenone	320	J	65	130	540	ug/Kg
106-44-5	4-Methylphenol	60	U	60	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	69	280	ug/Kg
67-72-1	Hexachloroethane	29	U	29	69	280	ug/Kg
98-95-3	Nitrobenzene	50	U	50	69	280	ug/Kg
78-59-1	Isophorone	78	U	78	69	280	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	69	280	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	69	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	69	280	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	69	280	ug/Kg
91-20-3	Naphthalene	41	U	41	69	280	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	69	540	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	69	280	ug/Kg
105-60-2	Caprolactam	120	U	120	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	69	280	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	69	280	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	69	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	69	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	69	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW9	SDG No.:	BP100124
Lab Sample ID:	P4010-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022136.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	69	280	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	69	280	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	69	280	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	69	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	71	U	71	69	280	ug/Kg
208-96-8	Acenaphthylene	52	U	52	69	280	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	130	540	ug/Kg
83-32-9	Acenaphthene	47	U	47	69	280	ug/Kg
51-28-5	2,4-Dinitrophenol	78	U	78	130	540	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	130	540	ug/Kg
132-64-9	Dibenzofuran	52	U	52	69	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	69	280	ug/Kg
84-66-2	Diethylphthalate	49	U	49	69	280	ug/Kg
86-73-7	Fluorene	41	U	41	69	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	69	280	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	69	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	69	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	69	280	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	69	280	ug/Kg
1912-24-9	Atrazine	120	U	120	130	540	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	540	ug/Kg
85-01-8	Phenanthrene	47	U	47	69	280	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	69	280	ug/Kg
120-12-7	Anthracene	41	U	41	69	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	69	280	ug/Kg
86-74-8	Carbazole	45	U	45	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	99	U	99	69	280	ug/Kg
206-44-0	Fluoranthene	88	U	88	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW9	SDG No.:	BP100124
Lab Sample ID:	P4010-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022136.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	80	U	80	69	280	ug/Kg
85-68-7	Butylbenzylphthalate	7400	E	140	69	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	78	U	78	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	69	280	ug/Kg
218-01-9	Chrysene	50	U	50	69	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		160	69	280	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	69	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	69	280	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	69	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	69	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	69	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	69	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	69	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.136		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	1.396	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	14.022		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.79		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.247		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	12.532		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	14.87		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.081		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.476		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.111		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.717		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	14.641		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.03		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	14.645		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW9	SDG No.:	BP100124
Lab Sample ID:	P4010-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022136.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.628		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	12.497		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	14.47		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.906		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148931	7.699				
1146-65-2	Naphthalene-d8	560031	10.457				
15067-26-2	Acenaphthene-d10	416389	14.31				
1517-22-2	Phenanthrene-d10	964437	17.104				
1719-03-5	Chrysene-d12	978844	21.539				
1520-96-3	Perylene-d12	1176606	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	230	J			9.74	
000085-44-9	Phthalic anhydride	330	J			12.228	
1000121-76-3	trans-1,10-Dimethyl-trans-9-decalo	110	J			13.622	
000143-07-7	Dodecanoic acid	130	J			14.734	
000119-61-9	Benzophenone	220	J			15.687	
000544-63-8	Tetradecanoic acid	120	J			16.504	
001002-84-2	Pentadecanoic acid	170	J			17.01	
000057-10-3	n-Hexadecanoic acid	820	J			18.051	
	(DEL) Alkane: Straight-Chain18.363	170	J			18.363	
000057-11-4	Octadecanoic acid	360	J			19.38	
	(DEL) Alkane: Straight-Chain20.174	190	J			20.174	
034155-91-4	5-Undecylbenzene-1,3-diol	230	J			20.68	
000122-69-0	Cinnamyl cinnamate	910	J			21.01	
	(DEL) Alkane: Cyclic21.216	1600	J			21.216	
000112-85-6	Docosanoic acid	430	J			21.598	
014811-95-1	1,19-Eicosadiene	230	J			22.039	
1000406-04-8	Pentadecafluorooctanoic acid, octa	3800	J			22.439	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW9	SDG No.:	BP100124
Lab Sample ID:	P4010-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022136.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000557-59-5	Tetracosanoic acid	560	J			22.927	
000544-77-4	Hexadecane, 1-iodo-	190	J			23.145	
	unknown-01	440	J			23.192	
026627-85-0	Hexacosanal	460	J			23.498	
	(DEL) Alkane: Straight-Chain	23.992	J			23.992	
007225-68-5	Dodecane, 1-cyclopentyl-4-(3-cyclo	1300	J			24.063	
000638-66-4	Octadecanal	1500	J			25.509	
	(DEL) Alkane: Straight-Chain	26.162	J			26.162	
002004-39-9	1-Heptacosanol	1500	J			26.286	
017600-99-6	2-Nonacosanone	680	J			26.48	
1000387-33-4	2H-Spiro[1-benzofuran-3,2-[1,3]di	1600	J			26.774	
1000425-91-3	4-Dodecyloxy-2-hydroxy-benzophenon	2000	J			28.051	
072934-04-4	Nonacosanal	1900	J			28.374	
077899-03-7	1-Heneicosyl formate	770	J			29.468	
000083-47-6	.gamma.-Sitosterol	630	J			30.327	
058801-23-3	Hop-22(29)-en-3.beta.-ol	200	J			32.45	
E966796	Total Alkanes	11000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX0	SDG No.:	BP100124
Lab Sample ID:	P4010-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022137.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.4	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.6	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.4	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.4	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.6	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.6	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.6	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.6	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX0	SDG No.:	BP100124
Lab Sample ID:	P4010-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022137.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.6	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.4	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.4	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.6	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.6	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.4	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.6	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.6	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX0	SDG No.:	BP100124
Lab Sample ID:	P4010-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022137.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.839		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	1.63	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	20.483		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.667		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.095		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.588		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	23.552		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.303		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.804		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.861		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.721		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.848		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.01		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX0	SDG No.:	BP100124
Lab Sample ID:	P4010-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022137.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.126		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	20.548		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	24.226		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.714		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190858	7.699				
1146-65-2	Naphthalene-d8	719315	10.463				
15067-26-2	Acenaphthene-d10	523232	14.31				
1517-22-2	Phenanthrene-d10	1156067	17.104				
1719-03-5	Chrysene-d12	1137225	21.539				
1520-96-3	Perylene-d12	1301707	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	1500	J			9.846	
000103-82-2	Benzeneacetic acid	270	J			11.016	
004606-07-9	Ethyl cyclopropanecarboxylate	240	J			12.099	
000334-49-6	trans-2-Decenoic acid	760	J			13.11	
000087-44-5	Caryophyllene	850	J			13.634	
000119-61-9	Benzophenone	190	J			15.693	
	(DEL) Alkane: Straight-Chain	16.292	J			16.292	
094930-81-1	trans-Coniferyl acetate	190	J			17.504	
000057-10-3	n-Hexadecanoic acid	1200	J			18.057	
	(DEL) Alkane: Straight-Chain	18.357	J			18.357	
000112-79-8	9-Octadecenoic acid, (E)-	190	J			19.263	
	(DEL) Alkane: Straight-Chain	19.286	J			19.286	
	unknown-01	190	J			19.316	
000057-11-4	Octadecanoic acid	360	J			19.381	
	(DEL) Alkane: Straight-Chain	20.139	J			20.139	
1000191-48-0	1,4-Dioxaspiro[4.5]decane-6-carbox	250	J			20.516	
002004-39-9	1-Heptacosanol	570	J			20.68	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX0	SDG No.:	BP100124
Lab Sample ID:	P4010-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022137.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000122-69-0	Cinnamyl cinnamate	3100	J			21.028	
	(DEL) Alkane: Straight-Chain21.210	1400	J			21.21	
000112-85-6	Docosanoic acid	510	J			21.598	
1000383-16-7	Carbonic acid, decyl octadecyl est	190	J			21.78	
1000130-97-9	E-15-Heptadecenal	3300	J			22.445	
000557-59-5	Tetracosanoic acid	670	J			22.939	
	(DEL) Alkane: Straight-Chain23.127	260	J			23.127	
001454-84-8	n-Nonadecanol-1	280	J			23.163	
014811-95-1	1,19-Eicosadiene	650	J			23.498	
	(DEL) Alkane: Straight-Chain23.986	2900	J			23.986	
000661-19-8	Behenic alcohol	1900	J			24.039	
	(DEL) Alkane: Straight-Chain25.039	220	J			25.039	
072934-04-4	Nonacosanal	1500	J			25.504	
	(DEL) Alkane: Straight-Chain26.157	2500	J			26.157	
	(DEL) Alkane: Cyclic26.268	2300	J			26.268	
017600-99-6	2-Nonacosanone	1100	J			26.468	
010191-41-0	dl-.alpha.-Tocopherol	860	J			26.81	
	(DEL) Alkane: Straight-Chain27.721	550	J			27.721	
067860-04-2	Oxirane, heptadecyl-	1900	J			28.362	
000502-73-8	16-Hentriacontanone	1000	J			29.057	
237742-62-0	1-Methoxyoctacosane	3200	J			29.486	
000083-47-6	.gamma.-Sitosterol	1600	J			30.345	
081654-73-1	D-Friedoolean-14-en-3-ol	1200	J			31.115	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	190	J			31.139	
E966796	Total Alkanes	11000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1	SDG No.:	BP100124
Lab Sample ID:	P4021-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022138.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	100	J	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1	SDG No.:	BP100124
Lab Sample ID:	P4021-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022138.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	2800		92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1	SDG No.:	BP100124
Lab Sample ID:	P4021-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022138.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.1	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230		41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.069		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.317		20-120		33	SPK: -40
4165-62-2	Phenol-d5	21.437		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.647		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.068		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	23.235		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	23.442		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.906		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.287		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.834		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.19		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.109		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.798		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.036		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1	SDG No.:	BP100124
Lab Sample ID:	P4021-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BP022138.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.672		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	24.988		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.275		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.238		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142484	7.698				
1146-65-2	Naphthalene-d8	539179	10.469				
15067-26-2	Acenaphthene-d10	392956	14.31				
1517-22-2	Phenanthrene-d10	896938	17.11				
1719-03-5	Chrysene-d12	893094	21.545				
1520-96-3	Perylene-d12	1108541	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	380	J			3.928	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	450	A			4.869	
000107-41-5	Hexylene glycol	1600	J			6.075	
	unknown-01	590	J			7.934	
000149-57-5	Hexanoic acid, 2-ethyl-	1900	J			9.075	
1000282-89-1	3-Methyl-2-butenic acid, cyclobut	160	J			9.628	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	380	J			9.975	
1000367-11-3	1-(1-Methoxypropan-2-yloxy)propan-	420	J			10.351	
1000484-18-1	1,3-Hexanediol, 2-ethyl- (isomer 2	130	J			10.669	
000094-96-2	1,3-Hexanediol, 2-ethyl-	200	J			10.769	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	90	J			12.004	
000109-21-7	Butanoic acid, butyl ester	130	J			13.569	
	(DEL) Alkane: Straight-Chain14.627	85	J			14.627	
000119-61-9	Benzophenone	500	J			15.68	
000057-10-3	n-Hexadecanoic acid	380	J			18.039	
001058-61-3	Stigmast-4-en-3-one	170	J			18.139	
084924-96-9	.gamma.-Sitostenone	520	J			18.333	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1	SDG No.:	BP100124
Lab Sample ID:	P4021-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BP022138.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	120	J			18.363	
000057-11-4	Octadecanoic acid	93	J			19.374	
002004-39-9	1-Heptacosanol	910	J			20.674	
075207-55-5	2-Tritriacontanone	310	J			21.157	
1000195-85-9	6.beta.Bicyclo[4.3.0]nonane, 5.bet	230	J			21.827	
1000193-60-6	2,3,3-Trimethyl-2-(3-methyl-buta-1	360	J			22.203	
074022-04-1	2,4a,8,8-Tetramethyldecahydrocyclo	1000	J			22.356	
	unknown-03	110	J			23.38	
E966796	Total Alkanes	85				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MS	SDG No.:	BP100124
Lab Sample ID:	P4021-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 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
BP022139.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	420		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	1500		56	100	410	ug/Kg
110-86-1	Pyridine	1100		41	210	410	ug/Kg
108-95-2	Phenol	1400		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1400		29	53.2	210	ug/Kg
95-48-7	2-Methylphenol	1300		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		75	100	410	ug/Kg
98-86-2	Acetophenone	1200		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1300		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		64	53.2	210	ug/Kg
67-72-1	Hexachloroethane	1100		23	53.2	210	ug/Kg
98-95-3	Nitrobenzene	1300		39	53.2	210	ug/Kg
78-59-1	Isophorone	1400		60	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	1500		39	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		31	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		54	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		20	53.2	210	ug/Kg
91-20-3	Naphthalene	1300		31	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	1100		30	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1300		55	53.2	210	ug/Kg
105-60-2	Caprolactam	1500		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		61	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		41	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		29	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		61	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		49	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MS	SDG No.:	BP100124
Lab Sample ID:	P4021-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 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
BP022139.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		30	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1300		33	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	1400		51	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	1300		36	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		55	53.2	210	ug/Kg
208-96-8	Acenaphthylene	1300		40	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	1400		55	100	410	ug/Kg
83-32-9	Acenaphthene	1300		36	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1300		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1300		40	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		54	53.2	210	ug/Kg
84-66-2	Diethylphthalate	1300		38	53.2	210	ug/Kg
86-73-7	Fluorene	1300		31	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		25	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1500		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		41	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		30	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		36	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		40	53.2	210	ug/Kg
1912-24-9	Atrazine	1300		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	3800		93	100	410	ug/Kg
85-01-8	Phenanthrene	1300		36	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		65	53.2	210	ug/Kg
120-12-7	Anthracene	1300		31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		63	53.2	210	ug/Kg
86-74-8	Carbazole	1300		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1300		76	53.2	210	ug/Kg
206-44-0	Fluoranthene	1400		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MS	SDG No.:	BP100124
Lab Sample ID:	P4021-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 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
BP022139.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		61	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		110	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		34	53.2	210	ug/Kg
218-01-9	Chrysene	1300		39	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		120	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		41	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		40	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		39	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		35	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		33	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		41	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.035		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	12.489		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.339		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.358		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.325		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.418		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.48		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.311		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.675		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.946		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.938		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.328		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.095		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	20.668		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MS	SDG No.:	BP100124
Lab Sample ID:	P4021-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 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
BP022139.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.081		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	20.973		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.745		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.189		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137745	7.698				
1146-65-2	Naphthalene-d8	512652	10.457				
15067-26-2	Acenaphthene-d10	385246	14.322				
1517-22-2	Phenanthrene-d10	910023	17.121				
1719-03-5	Chrysene-d12	933853	21.551				
1520-96-3	Perylene-d12	1096401	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MSD	SDG No.:	BP100124
Lab Sample ID:	P4021-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BP022140.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	1500		56	100	410	ug/Kg
110-86-1	Pyridine	1100		41	210	410	ug/Kg
108-95-2	Phenol	1400		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1400		29	53.2	210	ug/Kg
95-48-7	2-Methylphenol	1300		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		75	100	410	ug/Kg
98-86-2	Acetophenone	1300		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1300		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		64	53.2	210	ug/Kg
67-72-1	Hexachloroethane	1200		23	53.2	210	ug/Kg
98-95-3	Nitrobenzene	1300		39	53.2	210	ug/Kg
78-59-1	Isophorone	1400		60	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	1500		39	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		31	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		54	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		20	53.2	210	ug/Kg
91-20-3	Naphthalene	1400		31	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	1200		30	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1400		55	53.2	210	ug/Kg
105-60-2	Caprolactam	1500		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		61	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		41	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		29	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		61	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		49	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MSD	SDG No.:	BP100124
Lab Sample ID:	P4021-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BP022140.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		30	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		33	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	1500		51	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	1300		36	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		55	53.2	210	ug/Kg
208-96-8	Acenaphthylene	1400		40	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	1500		55	100	410	ug/Kg
83-32-9	Acenaphthene	1400		36	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1300		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1400		40	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		54	53.2	210	ug/Kg
84-66-2	Diethylphthalate	1400		38	53.2	210	ug/Kg
86-73-7	Fluorene	1300		31	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		25	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	1500		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		41	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		30	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		36	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		40	53.2	210	ug/Kg
1912-24-9	Atrazine	1300		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	3900		93	100	410	ug/Kg
85-01-8	Phenanthrene	1300		36	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		65	53.2	210	ug/Kg
120-12-7	Anthracene	1300		31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		63	53.2	210	ug/Kg
86-74-8	Carbazole	1300		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		76	53.2	210	ug/Kg
206-44-0	Fluoranthene	1500		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MSD	SDG No.:	BP100124
Lab Sample ID:	P4021-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BP022140.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		61	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		110	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		34	53.2	210	ug/Kg
218-01-9	Chrysene	1400		39	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		120	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		41	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		40	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		39	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		35	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		33	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		41	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.887		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	12.862		20-120		32	SPK: -40
4165-62-2	Phenol-d5	19.891		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.184		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.775		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.859		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.443		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.191		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.288		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.669		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.742		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.529		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.487		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	21.263		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG1MSD	SDG No.:	BP100124
Lab Sample ID:	P4021-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BP022140.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.118		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	21.421		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	23.986		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.269		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156128	7.699				
1146-65-2	Naphthalene-d8	567540	10.458				
15067-26-2	Acenaphthene-d10	419665	14.322				
1517-22-2	Phenanthrene-d10	1020231	17.122				
1719-03-5	Chrysene-d12	1048246	21.551				
1520-96-3	Perylene-d12	1242022	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SLCS565	SDG No.:	BP100124
Lab Sample ID:	PB163565BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022141.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	590		45	82.5	330	ug/Kg
110-86-1	Pyridine	640		33	170	330	ug/Kg
108-95-2	Phenol	840		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	810		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	880		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	830		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	790		60	82.5	330	ug/Kg
98-86-2	Acetophenone	810		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	830		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	820		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	750		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	810		31	42.5	170	ug/Kg
78-59-1	Isophorone	850		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	940		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	620		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	830		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	870		16	42.5	170	ug/Kg
91-20-3	Naphthalene	830		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	700		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	820		44	42.5	170	ug/Kg
105-60-2	Caprolactam	750		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	840		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	840		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	840		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SLCS565	SDG No.:	BP100124
Lab Sample ID:	PB163565BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022141.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	850		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	870		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	930		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	850		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	940		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	890		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	950		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	810		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	880		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	820		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	840		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	830		30	42.5	170	ug/Kg
86-73-7	Fluorene	830		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	900		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	910		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	850		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	940		32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	640		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	880		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	820		52	42.5	170	ug/Kg
120-12-7	Anthracene	840		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	970		50	42.5	170	ug/Kg
86-74-8	Carbazole	870		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	890		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	940		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SLCS565	SDG No.:	BP100124
Lab Sample ID:	PB163565BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022141.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	930		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	960		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	890		27	42.5	170	ug/Kg
218-01-9	Chrysene	880		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	890		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	800		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	900		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	680		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.79		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	19.279		20-120		48	SPK: -40
4165-62-2	Phenol-d5	22.797		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.234		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.402		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.456		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.616		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.481		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.551		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.58		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.382		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.966		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.324		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.085		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SLCS565	SDG No.:	BP100124
Lab Sample ID:	PB163565BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022141.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.882		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	23.378		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	25.469		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.775		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175495	7.699				
1146-65-2	Naphthalene-d8	654689	10.457				
15067-26-2	Acenaphthene-d10	489333	14.31				
1517-22-2	Phenanthrene-d10	1124968	17.11				
1719-03-5	Chrysene-d12	1204883	21.551				
1520-96-3	Perylene-d12	1426241	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BP100124
Lab Sample ID:	PB163717BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022143.D	1	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BP100124
Lab Sample ID:	PB163717BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022143.D	1	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BP100124
Lab Sample ID:	PB163717BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022143.D	1	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.411		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.728		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.427		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.101		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.205		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.866		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	27.272		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.425		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.574		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.693		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.211		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.717		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.552		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	25.944		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BP100124
Lab Sample ID:	PB163717BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022143.D	1	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.93		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	26.478		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	28.022		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.831		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162313	7.699				
1146-65-2	Naphthalene-d8	598400	10.457				
15067-26-2	Acenaphthene-d10	447200	14.31				
1517-22-2	Phenanthrene-d10	1086037	17.11				
1719-03-5	Chrysene-d12	1209221	21.539				
1520-96-3	Perylene-d12	1386748	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022144.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	61	U	61	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.9	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	460	ug/Kg
98-86-2	Acetophenone	150	J	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.9	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.9	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	59.9	240	ug/Kg
78-59-1	Isophorone	68	U	68	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	59.9	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.9	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022144.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.9	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	41	U	41	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	59.9	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.9	240	ug/Kg
86-73-7	Fluorene	35	U	35	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.9	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	49	J	41	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.9	240	ug/Kg
86-74-8	Carbazole	39	U	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.9	240	ug/Kg
206-44-0	Fluoranthene	92	J	76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022144.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	69	U	69	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	38	U	38	59.9	240	ug/Kg
218-01-9	Chrysene	50	J	44	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	J	46	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.903	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	0.339	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	8.378		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.729		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.422		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	6.139		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	9.594		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.974		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.894		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.028		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.459		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.272		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.008		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	9.493		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AW0	SDG No.:	BP100124
Lab Sample ID:	P4010-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BP022144.D	1	9/20/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163565

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.009		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.125		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	8.8		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.358		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146597	7.704				
1146-65-2	Naphthalene-d8	541462	10.463				
15067-26-2	Acenaphthene-d10	401577	14.31				
1517-22-2	Phenanthrene-d10	943966	17.11				
1719-03-5	Chrysene-d12	1100727	21.533				
1520-96-3	Perylene-d12	1267740	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000506-21-8	Linoelaidic acid	110	J			19.515	
	(DEL) Alkane: Straight-Chain	23.962	J			23.962	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022145.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.75	U	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	7	U	7	12.5	25	ug/L
78-59-1	Isophorone	8.5	U	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	3.45	U	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	110	D	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	8	U	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	89	D	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	160	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022145.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	3600	ED	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	U	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022145.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	ED	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.435		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	9.29		20-120		23	SPK: -40
4165-62-2	Phenol-d5	10.395		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.635		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.265		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	22.665		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	34.27		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.385		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.87		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.67		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	33.385		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.75		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	33.285		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022145.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.135		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	35.525		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	33.955		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.975		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118667	7.699				
1146-65-2	Naphthalene-d8	440966	10.463				
15067-26-2	Acenaphthene-d10	333172	14.316				
1517-22-2	Phenanthrene-d10	798067	17.11				
1719-03-5	Chrysene-d12	991492	21.533				
1520-96-3	Perylene-d12	1186004	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	29	JD			5.381	
000095-47-6	o-Xylene	62	JD			5.746	
000098-82-8	Benzene, (1-methylethyl)-	59	JD			6.216	
000103-65-1	Benzene, propyl-	100	JD			6.699	
000611-14-3	Benzene, 1-ethyl-2-methyl-	410	JD			6.805	
000526-73-8	Benzene, 1,2,3-trimethyl-	150	JD			6.94	
000622-96-8	Benzene, 1-ethyl-4-methyl-	260	JD			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	390	JD			7.14	
000108-67-8	Mesitylene	530	JD			7.357	
000104-76-7	1-Hexanol, 2-ethyl-	310	JD			7.763	
000095-63-6	Benzene, 1,2,4-trimethyl-	230	JD			7.81	
	(DEL) Alkane: Cyclic	25	JD			7.963	
000496-11-7	Indane	300	JD			8.069	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	190	JD			8.122	
093677-66-8	2-Pentanone, 5,5-oxybis-	190	JD			8.169	
001074-43-7	Benzene, 1-methyl-3-propyl-	35	JD			8.24	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	85	JD			8.328	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022145.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001074-55-1	Benzene, 1-methyl-4-propyl-	66	JD			8.487	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	48	JD			8.64	
	unknown-01	160	JD			8.681	
000149-57-5	Hexanoic acid, 2-ethyl-	110	JD			9.016	
	(DEL) Alkane: Cyclic9.475	13	JD			9.475	
	(DEL) Alkane: Cyclic10.740	16	JD			10.74	
	unknown-02	24	JD			10.84	
	(DEL) Alkane: Straight-Chain10.963	11	JD			10.963	
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	86	JD			12.881	
000109-21-7	Butanoic acid, butyl ester	26	JD			13.051	
	(DEL) Alkane: Straight-Chain13.134	17	JD			13.134	
	unknown-03	22	JD			13.193	
000141-86-6	2,6-Pyridinediamine	89	JD			13.363	
	unknown-04	65	JD			13.487	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	29	JD			13.575	
000575-43-9	Naphthalene, 1,6-dimethyl-	24	JD			13.622	
	unknown-05	23	JD			14.122	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	37	JD			14.857	
E966796	Total Alkanes	82	D			99	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022146.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	85	U	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	130	JD	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	94	JD	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	170	JD	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022146.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	3400	D	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022146.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1600	D	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.8		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	1.1	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.7		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.15		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.2		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	20.05		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	31.45		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	30		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.05		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.55		1-146		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.7		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.8		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	34.7		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022146.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.5		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	35.7		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	37.05		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.2		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105329	7.698				
1146-65-2	Naphthalene-d8	383816	10.457				
15067-26-2	Acenaphthene-d10	278081	14.31				
1517-22-2	Phenanthrene-d10	666724	17.116				
1719-03-5	Chrysene-d12	767668	21.539				
1520-96-3	Perylene-d12	936084	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	110	JD			6.698	
000620-14-4	Benzene, 1-ethyl-3-methyl-	450	JD			6.804	
000611-14-3	Benzene, 1-ethyl-2-methyl-	250	JD			6.863	
000526-73-8	Benzene, 1,2,3-trimethyl-	160	JD			6.934	
000622-96-8	Benzene, 1-ethyl-4-methyl-	280	JD			7.104	
1000382-54-2	Carbonic acid, hexyl prop-1-en-2-y	420	JD			7.14	
000095-63-6	Benzene, 1,2,4-trimethyl-	570	JD			7.357	
000104-76-7	1-Hexanol, 2-ethyl-	310	JD			7.763	
000108-67-8	Mesitylene	240	JD			7.816	
000496-11-7	Indane	320	JD			8.069	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	200	JD			8.122	
019549-80-5	2-Heptanone, 4,6-dimethyl-	210	JD			8.169	
059387-92-7	2,7-Dimethyloctan-4-one	160	JD			8.681	
	unknown-01	150	JD			8.798	
002050-54-6	Cyanamide, dibutyl-	130	JD			10.592	
000109-90-0	Ethane, isocyanato-	110	JD			10.834	
1000456-65-5	1-(benzo[d][1,3]dioxol-4-yl)propan	110	JD			14.045	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDCD6DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-06DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022146.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	55	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022147.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.75	U	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	7	U	7	12.5	25	ug/L
78-59-1	Isophorone	120	D	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	3.45	U	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	8	JD	5.5	12.5	25	ug/L
91-20-3	Naphthalene	26	D	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	8	U	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	17	JD	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	26	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	20	JD	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022147.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	3800	ED	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	U	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022147.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1700	ED	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.05		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	5.09	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	10.285		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.985		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.315		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	20.905		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	28.575		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.395		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.735		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.58		1-146		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.99		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.495		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.67		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	30.09		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022147.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.52		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	31.39		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.485		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.83		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126044	7.699				
1146-65-2	Naphthalene-d8	471927	10.457				
15067-26-2	Acenaphthene-d10	367015	14.31				
1517-22-2	Phenanthrene-d10	887587	17.11				
1719-03-5	Chrysene-d12	1052033	21.533				
1520-96-3	Perylene-d12	1181185	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	58	JD			5.387	
000106-42-3	p-Xylene	65	JD			5.752	
000097-85-8	Propanoic acid, 2-methyl-, 2-methyl-	40	JD			5.946	
027522-11-8	1-Pentanol, 2-ethyl-	120	JD			6.228	
000123-05-7	Hexanal, 2-ethyl-	50	JD			6.622	
000611-14-3	Benzene, 1-ethyl-2-methyl-	99	JD			6.805	
000622-96-8	Benzene, 1-ethyl-4-methyl-	160	JD			7.093	
019549-80-5	2-Heptanone, 4,6-dimethyl-	230	JD			7.14	
000526-73-8	Benzene, 1,2,3-trimethyl-	350	JD			7.346	
000104-76-7	1-Hexanol, 2-ethyl-	2200	JD			7.781	
050639-00-4	2-Hexen-1-ol, 2-ethyl-	85	JD			7.875	
	unknown-01	130	JD			7.946	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	170	JD			8.128	
	unknown-02	61	JD			8.169	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	45	JD			8.328	
001074-55-1	Benzene, 1-methyl-4-propyl-	40	JD			8.493	
000099-87-6	p-Cymene	38	JD			8.693	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022147.D	5	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000767-15-7	2-Pyrimidinamine, 4,6-dimethyl-	360	JD			9.11	
	(DEL) Alkane: Straight-Chain9.469	19	JD			9.469	
073583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-on	110	JD			9.622	
000094-96-2	1,3-Hexanediol, 2-ethyl-	43	JD			10.669	
	unknown-03	69	JD			10.834	
	(DEL) Alkane: Straight-Chain11.722	18	JD			11.722	
	(DEL) Alkane: Straight-Chain11.869	12	JD			11.869	
	unknown-04	40	JD			11.91	
	(DEL) Alkane: Straight-Chain12.534	31	JD			12.534	
000499-06-9	Benzoic acid, 3,5-dimethyl-	58	JD			12.61	
000109-21-7	Butanoic acid, butyl ester	94	JD			13.057	
	unknown-05	73	JD			13.263	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	160	JD			13.569	
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	110	JD			13.663	
006846-50-0	2,2,4-Trimethyl-1,3-pentanediol di	44	JD			13.81	
003724-61-6	Butyric acid, dodecyl ester	100	JD			14.081	
	(DEL) Alkane: Straight-Chain14.210	19	JD			14.21	
	(DEL) Alkane: Cyclic14.634	250	JD			14.634	
	unknown-06	330	JD			16.169	
E966796	Total Alkanes	350	D			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022148.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	140	JD	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	47	U	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	45.5	U	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	55	U	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022148.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	4000	D	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022148.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1800	D	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	1.1	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.2		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.55		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.95		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20.05		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	32.2		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.25		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.5		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.05		1-146		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.55		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	31.45		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	34.9		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022148.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.55		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	36.15		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	37.15		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.3		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104980	7.699				
1146-65-2	Naphthalene-d8	395336	10.463				
15067-26-2	Acenaphthene-d10	300163	14.316				
1517-22-2	Phenanthrene-d10	742978	17.116				
1719-03-5	Chrysene-d12	860546	21.545				
1520-96-3	Perylene-d12	1002213	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
027522-11-8	1-Pentanol, 2-ethyl-	100	JD			6.234	
000108-83-8	4-Heptanone, 2,6-dimethyl-	140	JD			6.864	
000622-96-8	Benzene, 1-ethyl-4-methyl-	140	JD			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	220	JD			7.14	
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	440	JD			7.228	
000526-73-8	Benzene, 1,2,3-trimethyl-	330	JD			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	2100	JD			7.769	
000620-14-4	Benzene, 1-ethyl-3-methyl-	130	JD			7.816	
	unknown-01	130	JD			7.934	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	160	JD			8.128	
000149-57-5	Hexanoic acid, 2-ethyl-	350	JD			8.999	
000504-20-1	Phorone	210	JD			9.11	
073583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-on	140	JD			9.628	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	110	JD			10.84	
000109-21-7	Butanoic acid, butyl ester	170	JD			13.569	
1000365-58-6	1,2,3,6-Tetrahydrobenzylalcohol, a	100	JD			13.663	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	120	JD			14.081	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA1DL2	SDG No.:	BP100124
Lab Sample ID:	P4022-07DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022148.D	50	9/26/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	230	JD			14.634	
	unknown-03	380	JD			16.163	
E966796	Total Alkanes	55	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-08DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022149.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	85	U	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	47	U	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	45.5	U	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	55	U	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-08DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022149.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	2400	D	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-08DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022149.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	360	D	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	1.1	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.55		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.65		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.65		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.75		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	27		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.7		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.7		20-120		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.35		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.05		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	28.65		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA6DL	SDG No.:	BP100124
Lab Sample ID:	P4022-08DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022149.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	32.7		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	30.45		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.4		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98168	7.699				
1146-65-2	Naphthalene-d8	356578	10.463				
15067-26-2	Acenaphthene-d10	273937	14.31				
1517-22-2	Phenanthrene-d10	680627	17.116				
1719-03-5	Chrysene-d12	759813	21.539				
1520-96-3	Perylene-d12	983932	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
058175-57-8	2-Propyl-1-pentanol	140	JD			7.763	
E966796	Total Alkanes	55	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37DL	SDG No.:	BP100124
Lab Sample ID:	P4022-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022150.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	85	U	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	520	D	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	370	D	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	600	D	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37DL	SDG No.:	BP100124
Lab Sample ID:	P4022-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022150.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	44000	ED	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37DL	SDG No.:	BP100124
Lab Sample ID:	P4022-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022150.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	9100	ED	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	53.7	*	15-120		671	SPK: -8
7291-22-7	Pyridine-d5	133.8	*	20-120		335	SPK: -40
4165-62-2	Phenol-d5	120.2	*	10-130		300	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	390.85	*	25-120		977	SPK: -40
93951-73-6	2-Chlorophenol-d4	382.9	*	20-130		957	SPK: -40
190780-66-6	4-Methylphenol-d8	275.8	*	25-125		689	SPK: -40
4165-60-0	Nitrobenzene-d5	432.1	*	20-125		1080	SPK: -40
93951-78-1	2-Nitrophenol-d4	474.95	*	20-130		1187	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	430	*	20-120		1075	SPK: -40
191656-33-4	4-Chloroaniline-d4	137.55	*	1-146		344	SPK: -40
85448-30-2	Dimethylphthalate-d6	465.6	*	25-130		1164	SPK: -40
93951-97-4	Acenaphthylene-d8	456.05	*	10-130		1140	SPK: -40
93951-79-2	4-Nitrophenol-d4	135.95	*	10-150		340	SPK: -40
81103-79-9	Fluorene-d10	456.35	*	25-125		1141	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37DL	SDG No.:	BP100124
Lab Sample ID:	P4022-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022150.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	838.5	*	10-130		2096	SPK: -40
1719-06-8	Anthracene-d10	491.75	*	25-130		1229	SPK: -40
1718-52-1	Pyrene-d10	520.05	*	15-130		1300	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	480.75	*	20-130		1202	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118476	7.699				
1146-65-2	Naphthalene-d8	445883	10.463				
15067-26-2	Acenaphthene-d10	348498	14.322				
1517-22-2	Phenanthrene-d10	830567	17.116				
1719-03-5	Chrysene-d12	956153	21.539				
1520-96-3	Perylene-d12	1131001	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	920	JD			5.381	
000095-47-6	o-Xylene	840	JD			5.752	
000098-82-8	Benzene, (1-methylethyl)-	510	JD			6.222	
000103-65-1	Benzene, propyl-	650	JD			6.699	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2600	JD			6.805	
000108-67-8	Mesitylene	2100	JD			6.94	
1000309-31-0	Oxalic acid, cyclohexyl octyl este	620	JD			6.981	
000622-96-8	Benzene, 1-ethyl-4-methyl-	1600	JD			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	1400	JD			7.134	
000526-73-8	Benzene, 1,2,3-trimethyl-	4700	JD			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	6600	JD			7.769	
000095-63-6	Benzene, 1,2,4-trimethyl-	2000	JD			7.811	
1000309-30-8	Oxalic acid, cyclohexyl hexyl este	2600	JD			7.916	
000496-11-7	Indane	360	JD			8.069	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	480	JD			8.122	
	unknown-01	760	JD			8.169	
001074-43-7	Benzene, 1-methyl-3-propyl-	390	JD			8.24	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DDC37DL	SDG No.:	BP100124
Lab Sample ID:	P4022-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022150.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	900	JD			8.328	
001074-55-1	Benzene, 1-methyl-4-propyl-	720	JD			8.487	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	720	JD			8.634	
000527-84-4	o-Cymene	820	JD			8.687	
000504-20-1	Phorone	370	JD			9.105	
	(DEL) Alkane: Straight-Chain9.463	230	JD			9.463	
	unknown-02	1000	JD			10.834	
	(DEL) Alkane: Cyclic11.410	230	JD			11.41	
	unknown-03	760	JD			11.722	
	(DEL) Alkane: Straight-Chain11.916	460	JD			11.916	
	(DEL) Alkane: Cyclic12.534	460	JD			12.534	
	(DEL) Alkane: Cyclic12.616	250	JD			12.616	
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	1200	JD			13.669	
	unknown-04	480	JD			14.387	
004553-05-3	Pyrrolidine, 1-(1-oxopropyl)-	570	JD			14.64	
001011-12-7	Cyclohexanone, 2-cyclohexylidene-	980	JD			14.704	
	unknown-05	450	JD			14.775	
	unknown-06	390	JD			15.116	
E966796	Total Alkanes	1600	D			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70DL	SDG No.:	BP100124
Lab Sample ID:	P4022-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022151.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	85	U	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	83	JD	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	55	JD	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	87	JD	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70DL	SDG No.:	BP100124
Lab Sample ID:	P4022-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022151.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	7700	D	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70DL	SDG No.:	BP100124
Lab Sample ID:	P4022-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022151.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1800	D	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	1.1	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.65		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	61.2	*	25-120		153	SPK: -40
93951-73-6	2-Chlorophenol-d4	56	*	20-130		140	SPK: -40
190780-66-6	4-Methylphenol-d8	40.8		25-125		102	SPK: -40
4165-60-0	Nitrobenzene-d5	64.4	*	20-125		161	SPK: -40
93951-78-1	2-Nitrophenol-d4	64.1	*	20-130		160	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	58.3	*	20-120		146	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	69.45	*	25-130		174	SPK: -40
93951-97-4	Acenaphthylene-d8	64.25	*	10-130		161	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	71.2	*	25-125		178	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70DL	SDG No.:	BP100124
Lab Sample ID:	P4022-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022151.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	69.3	*	10-130		173	SPK: -40
1719-06-8	Anthracene-d10	73	*	25-130		183	SPK: -40
1718-52-1	Pyrene-d10	75.35	*	15-130		188	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	72.2	*	20-130		180	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110981	7.699				
1146-65-2	Naphthalene-d8	407506	10.463				
15067-26-2	Acenaphthene-d10	310536	14.322				
1517-22-2	Phenanthrene-d10	740983	17.104				
1719-03-5	Chrysene-d12	874013	21.539				
1520-96-3	Perylene-d12	1042789	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	110	JD			5.381	
000095-47-6	o-Xylene	110	JD			5.746	
000620-14-4	Benzene, 1-ethyl-3-methyl-	290	JD			6.805	
000611-14-3	Benzene, 1-ethyl-2-methyl-	230	JD			6.863	
000526-73-8	Benzene, 1,2,3-trimethyl-	230	JD			6.94	
000622-96-8	Benzene, 1-ethyl-4-methyl-	240	JD			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	290	JD			7.134	
000108-67-8	Mesitylene	610	JD			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	1200	JD			7.763	
000095-63-6	Benzene, 1,2,4-trimethyl-	250	JD			7.816	
1010309-30-7	Oxalic acid, cyclohexyl isohexyl e	190	JD			7.916	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	200	JD			8.122	
	unknown-01	140	JD			8.169	
000099-87-6	p-Cymene	130	JD			8.328	
001074-55-1	Benzene, 1-methyl-4-propyl-	100	JD			8.487	
000527-84-4	o-Cymene	100	JD			8.687	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	120	JD			8.787	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70DL	SDG No.:	BP100124
Lab Sample ID:	P4022-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022151.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	130	JD			10.581	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	320	JD			10.84	
	unknown-03	160	JD			11.722	
	unknown-04	110	JD			11.922	
E966796	Total Alkanes	55	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS	SDG No.:	BP100124
Lab Sample ID:	P4022-03MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022152.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	47		1.1	5	10	ug/L
110-86-1	Pyridine	7.5	J	1.7	10	10	ug/L
108-95-2	Phenol	9.5	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	22		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5	10	ug/L
98-86-2	Acetophenone	69		1.5	5	10	ug/L
106-44-5	4-Methylphenol	20		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	50		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	54		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.1	2.5	5	ug/L
91-20-3	Naphthalene	69		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	7.5	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	7	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	54		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	72		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	17		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS	SDG No.:	BP100124
Lab Sample ID:	P4022-03MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022152.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	17		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	11		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	31		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	21		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	43		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	17		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	3000	E	1.9	5	10	ug/L
85-01-8	Phenanthrene	33		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.7	2.5	5	ug/L
120-12-7	Anthracene	31		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS	SDG No.:	BP100124
Lab Sample ID:	P4022-03MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022152.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	2.1	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	E	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.106		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	6.487	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	8.794		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.308		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.332		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.465		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	30.494		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.838		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.398		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.88		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.297		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.956		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.885		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	30.033		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC70MS	SDG No.:	BP100124
Lab Sample ID:	P4022-03MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022152.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.665		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	32.354		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.593		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.848		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124060	7.705				
1146-65-2	Naphthalene-d8	480960	10.463				
15067-26-2	Acenaphthene-d10	385214	14.31				
1517-22-2	Phenanthrene-d10	901911	17.116				
1719-03-5	Chrysene-d12	1019454	21.533				
1520-96-3	Perylene-d12	1234050	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95DL	SDG No.:	BP100124
Lab Sample ID:	P4022-05DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022153.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17.5	U	17.5	25	100	ug/L
100-52-7	Benzaldehyde	55	U	55	250	500	ug/L
110-86-1	Pyridine	85	U	85	500	500	ug/L
108-95-2	Phenol	80	U	80	250	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	250	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	130	250	ug/L
95-48-7	2-Methylphenol	75	U	75	250	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	250	500	ug/L
98-86-2	Acetophenone	75	U	75	250	500	ug/L
106-44-5	4-Methylphenol	85	U	85	250	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	130	250	ug/L
67-72-1	Hexachloroethane	55	U	55	130	250	ug/L
98-95-3	Nitrobenzene	70	U	70	130	250	ug/L
78-59-1	Isophorone	85	U	85	130	250	ug/L
88-75-5	2-Nitrophenol	60	U	60	130	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	130	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	130	250	ug/L
120-83-2	2,4-Dichlorophenol	55	U	55	130	250	ug/L
91-20-3	Naphthalene	110	JD	47	130	250	ug/L
106-47-8	4-Chloroaniline	47	U	47	130	500	ug/L
87-68-3	Hexachlorobutadiene	75	U	75	130	250	ug/L
105-60-2	Caprolactam	130	U	130	250	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	250	ug/L
90-12-0	1-Methylnaphthalene	61	JD	45.5	130	250	ug/L
91-57-6	2-Methylnaphthalene	97	JD	55	130	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	250	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	130	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80	U	80	130	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95DL	SDG No.:	BP100124
Lab Sample ID:	P4022-05DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022153.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	130	250	ug/L
91-58-7	2-Chloronaphthalene	55	U	55	130	250	ug/L
88-74-4	2-Nitroaniline	90	U	90	130	250	ug/L
131-11-3	Dimethylphthalate	55	U	55	130	250	ug/L
606-20-2	2,6-Dinitrotoluene	85	U	85	130	250	ug/L
208-96-8	Acenaphthylene	60	U	60	130	250	ug/L
99-09-2	3-Nitroaniline	80	U	80	250	500	ug/L
83-32-9	Acenaphthene	48	U	48	130	250	ug/L
51-28-5	2,4-Dinitrophenol	90	U	90	250	500	ug/L
100-02-7	4-Nitrophenol	70	U	70	250	500	ug/L
132-64-9	Dibenzofuran	55	U	55	130	250	ug/L
121-14-2	2,4-Dinitrotoluene	75	U	75	130	250	ug/L
84-66-2	Diethylphthalate	65	U	65	130	250	ug/L
86-73-7	Fluorene	47	U	47	130	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	130	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	250	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65	U	65	130	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	130	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	130	250	ug/L
118-74-1	Hexachlorobenzene	60	U	60	130	250	ug/L
1912-24-9	Atrazine	90	U	90	250	500	ug/L
87-86-5	Pentachlorophenol	7500	D	95	250	500	ug/L
85-01-8	Phenanthrene	60	U	60	130	250	ug/L
608-93-5	Pentachlorobenzene	85	U	85	130	250	ug/L
120-12-7	Anthracene	55	U	55	130	250	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	130	250	ug/L
86-74-8	Carbazole	55	U	55	250	500	ug/L
84-74-2	Di-n-butylphthalate	95	U	95	130	250	ug/L
206-44-0	Fluoranthene	95	U	95	250	250	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95DL	SDG No.:	BP100124
Lab Sample ID:	P4022-05DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022153.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	130	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	130	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70	U	70	250	500	ug/L
56-55-3	Benzo(a)anthracene	55	U	55	130	250	ug/L
218-01-9	Chrysene	55	U	55	130	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	130	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	250	500	ug/L
205-99-2	Benzo(b)fluoranthene	70	U	70	130	250	ug/L
207-08-9	Benzo(k)fluoranthene	70	U	70	130	250	ug/L
50-32-8	Benzo(a)pyrene	55	U	55	130	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	130	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65	U	65	130	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60	U	60	130	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3000	D	75	130	250	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	18.75		20-120		47	SPK: -40
4165-62-2	Phenol-d5	17		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	62.4	*	25-120		156	SPK: -40
93951-73-6	2-Chlorophenol-d4	57.85	*	20-130		145	SPK: -40
190780-66-6	4-Methylphenol-d8	37.6		25-125		94	SPK: -40
4165-60-0	Nitrobenzene-d5	60.25	*	20-125		151	SPK: -40
93951-78-1	2-Nitrophenol-d4	60.85	*	20-130		152	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	60.5	*	20-120		151	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	70.25	*	25-130		176	SPK: -40
93951-97-4	Acenaphthylene-d8	66.15	*	10-130		165	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	68.95	*	25-125		172	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95DL	SDG No.:	BP100124
Lab Sample ID:	P4022-05DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022153.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.7		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	73.1	*	25-130		183	SPK: -40
1718-52-1	Pyrene-d10	74.15	*	15-130		185	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	71.05	*	20-130		178	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116068	7.699				
1146-65-2	Naphthalene-d8	437412	10.457				
15067-26-2	Acenaphthene-d10	326394	14.304				
1517-22-2	Phenanthrene-d10	793520	17.098				
1719-03-5	Chrysene-d12	913509	21.533				
1520-96-3	Perylene-d12	1020145	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	150	JD			5.381	
000095-47-6	o-Xylene	130	JD			5.746	
000611-14-3	Benzene, 1-ethyl-2-methyl-	350	JD			6.805	
000108-83-8	4-Heptanone, 2,6-dimethyl-	290	JD			6.863	
000108-67-8	Mesitylene	260	JD			6.934	
000622-96-8	Benzene, 1-ethyl-4-methyl-	250	JD			7.099	
019549-80-5	2-Heptanone, 4,6-dimethyl-	540	JD			7.134	
000526-73-8	Benzene, 1,2,3-trimethyl-	670	JD			7.352	
000104-76-7	1-Hexanol, 2-ethyl-	840	JD			7.763	
000095-63-6	Benzene, 1,2,4-trimethyl-	340	JD			7.816	
1000431-42-9	Hexanal ethyl cis-3-hexenyl acetal	180	JD			7.916	
000496-11-7	Indane	110	JD			8.069	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	210	JD			8.122	
1000282-43-7	Dichloroacetic acid, 4-methylpentyl	330	JD			8.169	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	130	JD			8.328	
001074-55-1	Benzene, 1-methyl-4-propyl-	120	JD			8.487	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	100	JD			8.634	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDC95DL	SDG No.:	BP100124
Lab Sample ID:	P4022-05DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022153.D	50	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000527-84-4	o-Cymene	160	JD			8.681	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	150	JD			8.787	
	(DEL) Alkane: Cyclic9.263	120	JD			9.263	
	(DEL) Alkane: Cyclic10.587	200	JD			10.587	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	270	JD			10.828	
	unknown-01	150	JD			11.716	
	(DEL) Alkane: Straight-Chain11.910	110	JD			11.91	
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	160	JD			13.657	
E966796	Total Alkanes	430	D			99	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP100124
Lab Sample ID:	PB163716BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022154.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	33		1.1	5	10	ug/L
110-86-1	Pyridine	28		1.7	10	10	ug/L
108-95-2	Phenol	31		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.9	5	10	ug/L
98-86-2	Acetophenone	31		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	31		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	31		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.1	2.5	5	ug/L
91-20-3	Naphthalene	32		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.5	2.5	5	ug/L
105-60-2	Caprolactam	31		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP100124
Lab Sample ID:	PB163716BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022154.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	31		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.3	2.5	5	ug/L
86-73-7	Fluorene	31		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	24		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	31		1.9	5	10	ug/L
85-01-8	Phenanthrene	32		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.7	2.5	5	ug/L
120-12-7	Anthracene	31		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP100124
Lab Sample ID:	PB163716BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022154.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.1	2.5	5	ug/L
218-01-9	Chrysene	31		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	33		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.201		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	28.906		20-120		72	SPK: -40
4165-62-2	Phenol-d5	32.086		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.492		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.525		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	32.211		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	33.363		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.004		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.666		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.266		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.096		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	32.962		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.769		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	31.758		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP100124
Lab Sample ID:	PB163716BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022154.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.056		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	31.698		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.397		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.852		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91187	7.699				
1146-65-2	Naphthalene-d8	346345	10.457				
15067-26-2	Acenaphthene-d10	267228	14.304				
1517-22-2	Phenanthrene-d10	655313	17.098				
1719-03-5	Chrysene-d12	749952	21.533				
1520-96-3	Perylene-d12	874095	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AT8								
P4010-01	C0AT8	Solid	(DEL) Alkane: Straight-Chain21.2 *	420.000	J			
P4010-01	C0AT8	Solid	(DEL) Alkane: Straight-Chain22.4 *	520.000	J			
P4010-01	C0AT8	Solid	(DEL) Alkane: Straight-Chain23.5 *	680.000	J			
P4010-01	C0AT8	Solid	(DEL) Alkane: Straight-Chain26.1 *	450.000	J			
P4010-01	C0AT8	Solid	Benzophenone	*	230.000	J		
P4010-01	C0AT8	Solid	n-Hexadecanoic acid	*	360.000	J		
P4010-01	C0AT8	Solid	Total Alkanes	*	2,100.000	49	350	ug/Kg
			Total Tics :		4,760.00			
			Total Concentration:		4,760.00			
Client ID : C0AW6								
P4010-02	C0AW6	Solid	(DEL) Alkane: Cyclic29.427 *	1,700.000	J			
P4010-02	C0AW6	Solid	(DEL) Alkane: Straight-Chain22.4 *	1,600.000	J			
P4010-02	C0AW6	Solid	(DEL) Alkane: Straight-Chain23.5 *	4,700.000	J			
P4010-02	C0AW6	Solid	(DEL) Alkane: Straight-Chain26.1 *	330.000	J			
P4010-02	C0AW6	Solid	.gamma.-Sitosterol	*	220.000	J		
P4010-02	C0AW6	Solid	1-Heptacosanol	*	1,200.000	J		
P4010-02	C0AW6	Solid	10,18-Bisnorabieta-5,7,9(10),11,1 *	260.000	J			
P4010-02	C0AW6	Solid	Ethanol, 2-(tetradecyloxy)-	*	410.000	J		
P4010-02	C0AW6	Solid	Octadecanal	*	1,200.000	J		
P4010-02	C0AW6	Solid	Oxirane, heptadecyl-	*	220.000	J		
P4010-02	C0AW6	Solid	Pentadecanal-	*	2,300.000	J		
P4010-02	C0AW6	Solid	Total Alkanes	*	8,300.000	75	530	ug/Kg
			Total Tics :		22,440.00			
P4010-02	C0AW6	Solid	Acetophenone	430.000	J	130	1000	ug/Kg
			Total Svoc :		430.00			
			Total Concentration:		22,870.00			
Client ID : C0AT9								
P4010-05	C0AT9	Solid	Benzophenone	*	110.000	J		
P4010-05	C0AT9	Solid	n-Hexadecanoic acid	*	160.000	J		
P4010-05	C0AT9	Solid	unknown-01	*	240.000	J		
P4010-05	C0AT9	Solid	Total Alkanes	*	0.000	36	250	ug/Kg
			Total Tics :		510.00			
P4010-05	C0AT9	Solid	Acetophenone	200.000	J	60	490	ug/Kg
			Total Svoc :		200.00			
			Total Concentration:		710.00			
Client ID : C0AW0								

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4010-06	C0AW0	Solid	(DEL) Alkane: Straight-Chain23.5	* 120.000	J			
P4010-06	C0AW0	Solid	Methyl 9,12-heptadecadienoate	* 120.000	J			
P4010-06	C0AW0	Solid	Total Alkanes	* 120.000		34	240	ug/Kg
P4010-06	C0AW0	Solid	(DEL) Alkane: Straight-Chain23.5	* 150.000	J			
P4010-06	C0AW0	Solid	Linoelaidic acid	* 110.000	J			
P4010-06	C0AW0	Solid	Total Alkanes	* 150.000		34	240	ug/Kg
Total Tics :				770.00				
P4010-06	C0AW0	Solid	Acetophenone	140.000	J	56	460	ug/Kg
P4010-06	C0AW0	Solid	Benzo(b)fluoranthene	54.000	J	46	240	ug/Kg
P4010-06	C0AW0	Solid	Chrysene	49.000	J	44	240	ug/Kg
P4010-06	C0AW0	Solid	Fluoranthene	88.000	J	76	240	ug/Kg
P4010-06	C0AW0	Solid	Phenanthrene	48.000	J	41	240	ug/Kg
P4010-06	C0AW0	Solid	Acetophenone	150.000	J	56	460	ug/Kg
P4010-06	C0AW0	Solid	Benzo(b)fluoranthene	55.000	J	46	240	ug/Kg
P4010-06	C0AW0	Solid	Chrysene	50.000	J	44	240	ug/Kg
P4010-06	C0AW0	Solid	Fluoranthene	92.000	J	76	240	ug/Kg
P4010-06	C0AW0	Solid	Phenanthrene	49.000	J	41	240	ug/Kg
Total Svoc :				775.00				
Total Concentration:				1,545.00				
Client ID : C0AW1								
P4010-07	C0AW1	Solid	(DEL) Alkane: Straight-Chain21.2	* 400.000	J			
P4010-07	C0AW1	Solid	(DEL) Alkane: Straight-Chain23.5	* 280.000	J			
P4010-07	C0AW1	Solid	(DEL) Alkane: Straight-Chain26.1	* 110.000	J			
P4010-07	C0AW1	Solid	1-Heneicosanol	* 460.000	J			
P4010-07	C0AW1	Solid	Benzophenone	* 180.000	J			
P4010-07	C0AW1	Solid	n-Hexadecanoic acid	* 250.000	J			
P4010-07	C0AW1	Solid	Total Alkanes	* 790.000		39	280	ug/Kg
Total Tics :				2,470.00				
Total Concentration:				2,470.00				
Client ID : C0AW9								
P4010-08	C0AW9	Solid	(DEL) Alkane: Cyclic21.216	* 1,600.000	J			
P4010-08	C0AW9	Solid	(DEL) Alkane: Straight-Chain18.2	* 170.000	J			
P4010-08	C0AW9	Solid	(DEL) Alkane: Straight-Chain20.1	* 190.000	J			
P4010-08	C0AW9	Solid	(DEL) Alkane: Straight-Chain23.5	* 3,500.000	J			
P4010-08	C0AW9	Solid	(DEL) Alkane: Straight-Chain26.1	* 5,900.000	J			
P4010-08	C0AW9	Solid	.gamma.-Sitosterol	* 630.000	J			
P4010-08	C0AW9	Solid	1,19-Eicosadiene	* 230.000	J			
P4010-08	C0AW9	Solid	1-Heneicosyl formate	* 770.000	J			
P4010-08	C0AW9	Solid	1-Heptacosanol	* 1,500.000	J			

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4010-08	C0AW9	Solid	2-Nonacosanone	*	680.000	J		
P4010-08	C0AW9	Solid	2H-Spiro[1-benzofuran-3,2-[1,3]d	*	1,600.000	J		
P4010-08	C0AW9	Solid	4-Dodecyloxy-2-hydroxy-benzopl	*	2,000.000	J		
P4010-08	C0AW9	Solid	5-Undecylbenzene-1,3-diol	*	230.000	J		
P4010-08	C0AW9	Solid	Benzoic acid	*	230.000	J		
P4010-08	C0AW9	Solid	Benzophenone	*	220.000	J		
P4010-08	C0AW9	Solid	Cinnamyl cinnamate	*	910.000	J		
P4010-08	C0AW9	Solid	Docosanoic acid	*	430.000	J		
P4010-08	C0AW9	Solid	Dodecane, 1-cyclopentyl-4-(3-cyc	*	1,300.000	J		
P4010-08	C0AW9	Solid	Dodecanoic acid	*	130.000	J		
P4010-08	C0AW9	Solid	Hexacosanal	*	460.000	J		
P4010-08	C0AW9	Solid	Hexadecane, 1-iodo-	*	190.000	J		
P4010-08	C0AW9	Solid	Hop-22(29)-en-3.beta.-ol	*	200.000	J		
P4010-08	C0AW9	Solid	n-Hexadecanoic acid	*	820.000	J		
P4010-08	C0AW9	Solid	Nonacosanal	*	1,900.000	J		
P4010-08	C0AW9	Solid	Octadecanal	*	1,500.000	J		
P4010-08	C0AW9	Solid	Octadecanoic acid	*	360.000	J		
P4010-08	C0AW9	Solid	Pentadecafluorooctanoic acid, oct	*	3,800.000	J		
P4010-08	C0AW9	Solid	Pentadecanoic acid	*	170.000	J		
P4010-08	C0AW9	Solid	Phthalic anhydride	*	330.000	J		
P4010-08	C0AW9	Solid	Tetracosanoic acid	*	560.000	J		
P4010-08	C0AW9	Solid	Tetradecanoic acid	*	120.000	J		
P4010-08	C0AW9	Solid	trans-1,10-Dimethyl-trans-9-decal	*	110.000	J		
P4010-08	C0AW9	Solid	unknown-01	*	440.000	J		
P4010-08	C0AW9	Solid	Total Alkanes	*	11,000.000	J	39	280 ug/Kg
Total Tics :					44,180.00			
P4010-08	C0AW9	Solid	Acetophenone		320.000	J	65	540 ug/Kg
P4010-08	C0AW9	Solid	Bis(2-ethylhexyl)phthalate		2,100.000	J	160	280 ug/Kg
P4010-08	C0AW9	Solid	Butylbenzylphthalate		7,400.000	E	140	280 ug/Kg
P4010-08	C0AW9	Solid	Phenol		95.000	J	70	540 ug/Kg
Total Svoc :					9,915.00			
Total Concentration:					54,095.00			
Client ID : C0AX0								
P4010-09	C0AX0	Solid	(DEL) Alkane: Cyclic26.268	*	2,300.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain16.2	*	190.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain18.2	*	110.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain19.2	*	120.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain20.1	*	270.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain21.2	*	1,400.000	J		
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain23.1	*	260.000	J		

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain23.5 *	2,900.000	J			
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain25.0 *	220.000	J			
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain26.1 *	2,500.000	J			
P4010-09	C0AX0	Solid	(DEL) Alkane: Straight-Chain27.7 *	550.000	J			
P4010-09	C0AX0	Solid	.gamma.-Sitosterol *	1,600.000	J			
P4010-09	C0AX0	Solid	1,1,4a-Trimethyl-5,6-dimethylene *	190.000	J			
P4010-09	C0AX0	Solid	1,19-Eicosadiene *	650.000	J			
P4010-09	C0AX0	Solid	1,4-Dioxaspiro[4.5]decane-6-carb *	250.000	J			
P4010-09	C0AX0	Solid	1-Heptacosanol *	570.000	J			
P4010-09	C0AX0	Solid	1-Methoxyoctacosane *	3,200.000	J			
P4010-09	C0AX0	Solid	16-Hentriacontanone *	1,000.000	J			
P4010-09	C0AX0	Solid	2-Nonacosanone *	1,100.000	J			
P4010-09	C0AX0	Solid	9-Octadecenoic acid, (E)- *	190.000	J			
P4010-09	C0AX0	Solid	Behenic alcohol *	1,900.000	J			
P4010-09	C0AX0	Solid	Benzeneacetic acid *	270.000	J			
P4010-09	C0AX0	Solid	Benzoic acid *	1,500.000	J			
P4010-09	C0AX0	Solid	Benzophenone *	190.000	J			
P4010-09	C0AX0	Solid	Carbonic acid, decyl octadecyl est *	190.000	J			
P4010-09	C0AX0	Solid	Caryophyllene *	850.000	J			
P4010-09	C0AX0	Solid	Cinnamyl cinnamate *	3,100.000	J			
P4010-09	C0AX0	Solid	D-Friedoolean-14-en-3-ol *	1,200.000	J			
P4010-09	C0AX0	Solid	dl-.alpha.-Tocopherol *	860.000	J			
P4010-09	C0AX0	Solid	Docosanoic acid *	510.000	J			
P4010-09	C0AX0	Solid	E-15-Heptadecenal *	3,300.000	J			
P4010-09	C0AX0	Solid	Ethyl cyclopropanecarboxylate *	240.000	J			
P4010-09	C0AX0	Solid	n-Hexadecanoic acid *	1,200.000	J			
P4010-09	C0AX0	Solid	n-Nonadecanol-1 *	280.000	J			
P4010-09	C0AX0	Solid	Nonacosanal *	1,500.000	J			
P4010-09	C0AX0	Solid	Octadecanoic acid *	360.000	J			
P4010-09	C0AX0	Solid	Oxirane, heptadecyl- *	1,900.000	J			
P4010-09	C0AX0	Solid	Tetracosanoic acid *	670.000	J			
P4010-09	C0AX0	Solid	trans-2-Decenoic acid *	760.000	J			
P4010-09	C0AX0	Solid	trans-Coniferyl acetate *	190.000	J			
P4010-09	C0AX0	Solid	unknown-01 *	190.000	J			
P4010-09	C0AX0	Solid	Total Alkanes *	11,000.000		27	190	ug/Kg
Total Tics :				51,730.00				
Total Concentration:				51,730.00				

Client ID : DDCG1

P4021-01	DDCG1	Solid	(DEL) Alkane: Straight-Chain14.0 *	85.000	J			
P4021-01	DDCG1	Solid	.gamma.-Sitostenone *	520.000	J			

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4021-01	DDCG1	Solid	1,3-Hexanediol, 2-ethyl-	*	200.000	J		
P4021-01	DDCG1	Solid	1,3-Hexanediol, 2-ethyl- (isomer 2	*	130.000	J		
P4021-01	DDCG1	Solid	1,3-Pentanediol, 2,2,4-trimethyl-	*	380.000	J		
P4021-01	DDCG1	Solid	1-(1-Methoxypropan-2-yloxy)pro	*	420.000	J		
P4021-01	DDCG1	Solid	1-Heptacosanol	*	910.000	J		
P4021-01	DDCG1	Solid	2,3,3-Trimethyl-2-(3-methyl-buta-	*	360.000	J		
P4021-01	DDCG1	Solid	2,4a,8,8-Tetramethyldecahydrocyc	*	1,000.000	J		
P4021-01	DDCG1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	450.000	A		
P4021-01	DDCG1	Solid	2-Tritriacontanone	*	310.000	J		
P4021-01	DDCG1	Solid	3-Methyl-2-butenic acid, cyclobu	*	160.000	J		
P4021-01	DDCG1	Solid	6.beta.Bicyclo[4.3.0]nonane, 5.be	*	230.000	J		
P4021-01	DDCG1	Solid	Benzophenone	*	500.000	J		
P4021-01	DDCG1	Solid	Butanoic acid	*	380.000	J		
P4021-01	DDCG1	Solid	Butanoic acid, butyl ester	*	130.000	J		
P4021-01	DDCG1	Solid	Hexanoic acid, 2-ethyl-	*	1,900.000	J		
P4021-01	DDCG1	Solid	Hexylene glycol	*	1,600.000	J		
P4021-01	DDCG1	Solid	n-Hexadecanoic acid	*	380.000	J		
P4021-01	DDCG1	Solid	Octadecanoic acid	*	93.000	J		
P4021-01	DDCG1	Solid	Propanoic acid, 2-methyl-, butyl e	*	90.000	J		
P4021-01	DDCG1	Solid	Stigmast-4-en-3-one	*	170.000	J		
P4021-01	DDCG1	Solid	unknown-01	*	590.000	J		
P4021-01	DDCG1	Solid	unknown-02	*	120.000	J		
P4021-01	DDCG1	Solid	unknown-03	*	110.000	J		
P4021-01	DDCG1	Solid	Total Alkanes	*	85.000	30	210	ug/Kg
Total Tics :					11,303.00			
P4021-01	DDCG1	Solid	2,3,4,6-Tetrachlorophenol		230.000	41	210	ug/Kg
P4021-01	DDCG1	Solid	Pentachlorophenol		2,800.000	92	410	ug/Kg
P4021-01	DDCG1	Solid	Phenol		100.000	J 54	410	ug/Kg
Total Svoc :					3,130.00			
Total Concentration:					14,433.00			
Client ID : DDC37DL								
P4022-01DL	DDC37DL	Water	(DEL) Alkane: Cyclic11.410	*	230.000	JD		
P4022-01DL	DDC37DL	Water	(DEL) Alkane: Cyclic12.534	*	460.000	JD		
P4022-01DL	DDC37DL	Water	(DEL) Alkane: Cyclic12.616	*	250.000	JD		
P4022-01DL	DDC37DL	Water	(DEL) Alkane: Straight-Chain11.5	*	460.000	JD		
P4022-01DL	DDC37DL	Water	(DEL) Alkane: Straight-Chain9.4	*	230.000	JD		
P4022-01DL	DDC37DL	Water	1-Hexanol, 2-ethyl-	*	6,600.000	JD		
P4022-01DL	DDC37DL	Water	2-Heptanone, 4,6-dimethyl-	*	1,400.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, (1-methylethyl)-	*	510.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1,2,3-trimethyl-	*	4,700.000	JD		

Hit Summary Sheet
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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-01DL	DDC37DL	Water	Benzene, 1,2,4-trimethyl-	*	2,000.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1,3-dimethyl-	*	920.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	720.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-ethyl-2-methyl-	*	2,600.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	900.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-ethyl-4-methyl-	*	1,600.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-methyl-3-propyl-	*	390.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, 1-methyl-4-propyl-	*	720.000	JD		
P4022-01DL	DDC37DL	Water	Benzene, propyl-	*	650.000	JD		
P4022-01DL	DDC37DL	Water	Bicyclo[2.2.1]hept-2-ene, 2,3-dimethyl-	*	1,200.000	JD		
P4022-01DL	DDC37DL	Water	Cyclohexanone, 2-cyclohexyliden-	*	980.000	JD		
P4022-01DL	DDC37DL	Water	Cyclohexanone, 3,3,5-trimethyl-	*	480.000	JD		
P4022-01DL	DDC37DL	Water	Indane	*	360.000	JD		
P4022-01DL	DDC37DL	Water	Mesitylene	*	2,100.000	JD		
P4022-01DL	DDC37DL	Water	o-Cymene	*	820.000	JD		
P4022-01DL	DDC37DL	Water	o-Xylene	*	840.000	JD		
P4022-01DL	DDC37DL	Water	Oxalic acid, cyclohexyl hexyl ester	*	2,600.000	JD		
P4022-01DL	DDC37DL	Water	Oxalic acid, cyclohexyl octyl ester	*	620.000	JD		
P4022-01DL	DDC37DL	Water	Phorone	*	370.000	JD		
P4022-01DL	DDC37DL	Water	Pyrrolidine, 1-(1-oxopropyl)-	*	570.000	JD		
P4022-01DL	DDC37DL	Water	unknown-01	*	760.000	JD		
P4022-01DL	DDC37DL	Water	unknown-02	*	1,000.000	JD		
P4022-01DL	DDC37DL	Water	unknown-03	*	760.000	JD		
P4022-01DL	DDC37DL	Water	unknown-04	*	480.000	JD		
P4022-01DL	DDC37DL	Water	unknown-05	*	450.000	JD		
P4022-01DL	DDC37DL	Water	unknown-06	*	390.000	JD		
P4022-01DL	DDC37DL	Water	Total Alkanes	*	1,600.000	D 55	250	ug/L
Total Tics :					41,720.00			
P4022-01DL	DDC37DL	Water	1-Methylnaphthalene		370.000	D 45.5	250	ug/L
P4022-01DL	DDC37DL	Water	2,3,4,6-Tetrachlorophenol		9,100.000	ED 75	250	ug/L
P4022-01DL	DDC37DL	Water	2-Methylnaphthalene		600.000	D 55	250	ug/L
P4022-01DL	DDC37DL	Water	Naphthalene		520.000	D 47	250	ug/L
P4022-01DL	DDC37DL	Water	Pentachlorophenol		44,000.000	ED 95	500	ug/L
Total Svoc :					54,590.00			
Total Concentration:					96,310.00			
Client ID : DDC70DL								
P4022-02DL	DDC70DL	Water	1-Hexanol, 2-ethyl-	*	1,200.000	JD		
P4022-02DL	DDC70DL	Water	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	320.000	JD		
P4022-02DL	DDC70DL	Water	2-Heptanone, 4,6-dimethyl-	*	290.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1,2,3-trimethyl-	*	230.000	JD		

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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-02DL	DDC70DL	Water	Benzene, 1,2,4-trimethyl-	*	250.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1,3-dimethyl-	*	110.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	120.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1-ethyl-2-methyl-	*	230.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1-ethyl-3-methyl-	*	290.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1-ethyl-4-methyl-	*	240.000	JD		
P4022-02DL	DDC70DL	Water	Benzene, 1-methyl-4-propyl-	*	100.000	JD		
P4022-02DL	DDC70DL	Water	Cyclohexanone, 3,3,5-trimethyl-	*	200.000	JD		
P4022-02DL	DDC70DL	Water	Mesitylene	*	610.000	JD		
P4022-02DL	DDC70DL	Water	o-Cymene	*	100.000	JD		
P4022-02DL	DDC70DL	Water	o-Xylene	*	110.000	JD		
P4022-02DL	DDC70DL	Water	Oxalic acid, cyclohexyl isohexyl e	*	190.000	JD		
P4022-02DL	DDC70DL	Water	p-Cymene	*	130.000	JD		
P4022-02DL	DDC70DL	Water	unknown-01	*	140.000	JD		
P4022-02DL	DDC70DL	Water	unknown-02	*	130.000	JD		
P4022-02DL	DDC70DL	Water	unknown-03	*	160.000	JD		
P4022-02DL	DDC70DL	Water	unknown-04	*	110.000	JD		
P4022-02DL	DDC70DL	Water	Total Alkanes	*	0.000	D 55	250	ug/L
Total Tics :					5,260.00			
P4022-02DL	DDC70DL	Water	1-Methylnaphthalene		55.000	JD 45.5	250	ug/L
P4022-02DL	DDC70DL	Water	2,3,4,6-Tetrachlorophenol		1,800.000	D 75	250	ug/L
P4022-02DL	DDC70DL	Water	2-Methylnaphthalene		87.000	JD 55	250	ug/L
P4022-02DL	DDC70DL	Water	Naphthalene		83.000	JD 47	250	ug/L
P4022-02DL	DDC70DL	Water	Pentachlorophenol		7,700.000	D 95	500	ug/L
Total Svoc :					9,725.00			
Total Concentration:					14,985.00			
Client ID : DDC95DL								
P4022-05DL	DDC95DL	Water	(DEL) Alkane: Cyclic10.587	*	200.000	JD		
P4022-05DL	DDC95DL	Water	(DEL) Alkane: Cyclic9.263	*	120.000	JD		
P4022-05DL	DDC95DL	Water	(DEL) Alkane: Straight-Chain11.5	*	110.000	JD		
P4022-05DL	DDC95DL	Water	1-Hexanol, 2-ethyl-	*	840.000	JD		
P4022-05DL	DDC95DL	Water	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	270.000	JD		
P4022-05DL	DDC95DL	Water	2-Heptanone, 4,6-dimethyl-	*	540.000	JD		
P4022-05DL	DDC95DL	Water	4-Heptanone, 2,6-dimethyl-	*	290.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1,2,3-trimethyl-	*	670.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1,2,4-trimethyl-	*	340.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1,3-dimethyl-	*	150.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	100.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	150.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1-ethyl-2-methyl-	*	350.000	JD		

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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-05DL	DDC95DL	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	130.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1-ethyl-4-methyl-	*	250.000	JD		
P4022-05DL	DDC95DL	Water	Benzene, 1-methyl-4-propyl-	*	120.000	JD		
P4022-05DL	DDC95DL	Water	Bicyclo[2.2.1]hept-2-ene, 2,3-dim	*	160.000	JD		
P4022-05DL	DDC95DL	Water	Cyclohexanone, 3,3,5-trimethyl-	*	210.000	JD		
P4022-05DL	DDC95DL	Water	Dichloroacetic acid, 4-methylpent	*	330.000	JD		
P4022-05DL	DDC95DL	Water	Hexanal ethyl cis-3-hexenyl aceta	*	180.000	JD		
P4022-05DL	DDC95DL	Water	Indane	*	110.000	JD		
P4022-05DL	DDC95DL	Water	Mesitylene	*	260.000	JD		
P4022-05DL	DDC95DL	Water	o-Cymene	*	160.000	JD		
P4022-05DL	DDC95DL	Water	o-Xylene	*	130.000	JD		
P4022-05DL	DDC95DL	Water	unknown-01	*	150.000	JD		
P4022-05DL	DDC95DL	Water	Total Alkanes	*	430.000	D 55	250	ug/L
Total Tics :				6,750.00				
P4022-05DL	DDC95DL	Water	1-Methylnaphthalene		61.000	JD 45.5	250	ug/L
P4022-05DL	DDC95DL	Water	2,3,4,6-Tetrachlorophenol		3,000.000	D 75	250	ug/L
P4022-05DL	DDC95DL	Water	2-Methylnaphthalene		97.000	JD 55	250	ug/L
P4022-05DL	DDC95DL	Water	Naphthalene		110.000	JD 47	250	ug/L
P4022-05DL	DDC95DL	Water	Pentachlorophenol		7,500.000	D 95	500	ug/L
Total Svoc :				10,768.00				
Total Concentration:				17,518.00				
Client ID : DD CD6DL								
P4022-06DL	DDCD6DL	Water	(DEL) Alkane: Cyclic10.740	*	16.000	JD		
P4022-06DL	DDCD6DL	Water	(DEL) Alkane: Cyclic7.963	*	25.000	JD		
P4022-06DL	DDCD6DL	Water	(DEL) Alkane: Cyclic9.475	*	13.000	JD		
P4022-06DL	DDCD6DL	Water	(DEL) Alkane: Straight-Chain10.9	*	11.000	JD		
P4022-06DL	DDCD6DL	Water	(DEL) Alkane: Straight-Chain13.1	*	17.000	JD		
P4022-06DL	DDCD6DL	Water	1-Hexanol, 2-ethyl-	*	310.000	JD		
P4022-06DL	DDCD6DL	Water	1H-Pyrazole, 4,5-dihydro-5,5-dim	*	86.000	JD		
P4022-06DL	DDCD6DL	Water	2,6-Pyridinediamine	*	89.000	JD		
P4022-06DL	DDCD6DL	Water	2-Heptanone, 4,6-dimethyl-	*	390.000	JD		
P4022-06DL	DDCD6DL	Water	2-Pentanone, 5,5-oxybis-	*	190.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, (1-methylethyl)-	*	59.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1,2,3-trimethyl-	*	150.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1,2,4-trimethyl-	*	230.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1,3-dimethyl-	*	29.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1-ethyl-2-methyl-	*	410.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	85.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1-ethyl-4-methyl-	*	260.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 1-methyl-3-propyl-	*	35.000	JD		

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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-06DL	DDCD6DL	Water	Benzene, 1-methyl-4-propyl-	*	66.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	48.000	JD		
P4022-06DL	DDCD6DL	Water	Benzene, propyl-	*	100.000	JD		
P4022-06DL	DDCD6DL	Water	Butanoic acid, butyl ester	*	26.000	JD		
P4022-06DL	DDCD6DL	Water	Cyclohexanone, 3,3,5-trimethyl-	*	190.000	JD		
P4022-06DL	DDCD6DL	Water	Hexanoic acid, 2-ethyl-	*	110.000	JD		
P4022-06DL	DDCD6DL	Water	Indane	*	300.000	JD		
P4022-06DL	DDCD6DL	Water	Mesitylene	*	530.000	JD		
P4022-06DL	DDCD6DL	Water	Naphthalene, 1,6-dimethyl-	*	24.000	JD		
P4022-06DL	DDCD6DL	Water	o-Xylene	*	62.000	JD		
P4022-06DL	DDCD6DL	Water	Phenol, 2,3,5,6-tetrachloro-	*	37.000	JD		
P4022-06DL	DDCD6DL	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	29.000	JD		
P4022-06DL	DDCD6DL	Water	unknown-01	*	160.000	JD		
P4022-06DL	DDCD6DL	Water	unknown-02	*	24.000	JD		
P4022-06DL	DDCD6DL	Water	unknown-03	*	22.000	JD		
P4022-06DL	DDCD6DL	Water	unknown-04	*	65.000	JD		
P4022-06DL	DDCD6DL	Water	unknown-05	*	23.000	JD		
P4022-06DL	DDCD6DL	Water	Total Alkanes	*	82.000	D 5.5	25	ug/L
Total Tics :				4,303.00				
P4022-06DL	DDCD6DL	Water	1-Methylnaphthalene		89.000	D 4.55	25	ug/L
P4022-06DL	DDCD6DL	Water	2,3,4,6-Tetrachlorophenol		1,500.000	ED 7.5	25	ug/L
P4022-06DL	DDCD6DL	Water	2-Methylnaphthalene		160.000	D 5.5	25	ug/L
P4022-06DL	DDCD6DL	Water	Naphthalene		110.000	D 4.7	25	ug/L
P4022-06DL	DDCD6DL	Water	Pentachlorophenol		3,600.000	ED 9.5	50	ug/L
Total Svoc :				5,459.00				
Total Concentration:				9,762.00				
Client ID : DDCD6DL2								
P4022-06DL2	DDCD6DL2	Water	1-(benzo[d][1,3]dioxol-4-yl)propa	*	110.000	JD		
P4022-06DL2	DDCD6DL2	Water	1-Hexanol, 2-ethyl-	*	310.000	JD		
P4022-06DL2	DDCD6DL2	Water	2,7-Dimethyloctan-4-one	*	160.000	JD		
P4022-06DL2	DDCD6DL2	Water	2-Heptanone, 4,6-dimethyl-	*	210.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, 1,2,3-trimethyl-	*	160.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, 1,2,4-trimethyl-	*	570.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, 1-ethyl-2-methyl-	*	250.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, 1-ethyl-3-methyl-	*	450.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, 1-ethyl-4-methyl-	*	280.000	JD		
P4022-06DL2	DDCD6DL2	Water	Benzene, propyl-	*	110.000	JD		
P4022-06DL2	DDCD6DL2	Water	Carbonic acid, hexyl prop-1-en-2-	*	420.000	JD		
P4022-06DL2	DDCD6DL2	Water	Cyanamide, dibutyl-	*	130.000	JD		
P4022-06DL2	DDCD6DL2	Water	Cyclohexanone, 3,3,5-trimethyl-	*	200.000	JD		

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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-06DL2	DDCD6DL2	Water	Ethane, isocyanato-	*	110.000	JD		
P4022-06DL2	DDCD6DL2	Water	Indane	*	320.000	JD		
P4022-06DL2	DDCD6DL2	Water	Mesitylene	*	240.000	JD		
P4022-06DL2	DDCD6DL2	Water	unknown-01	*	150.000	JD		
P4022-06DL2	DDCD6DL2	Water	Total Alkanes	*	0.000	D 55	250	ug/L
Total Tics :					4,180.00			
P4022-06DL2	DDCD6DL2	Water	1-Methylnaphthalene		94.000	JD 45.5	250	ug/L
P4022-06DL2	DDCD6DL2	Water	2,3,4,6-Tetrachlorophenol		1,600.000	D 75	250	ug/L
P4022-06DL2	DDCD6DL2	Water	2-Methylnaphthalene		170.000	JD 55	250	ug/L
P4022-06DL2	DDCD6DL2	Water	Naphthalene		130.000	JD 47	250	ug/L
P4022-06DL2	DDCD6DL2	Water	Pentachlorophenol		3,400.000	D 95	500	ug/L
Total Svoc :					5,394.00			
Total Concentration:					9,574.00			
Client ID : DDCA1DL								
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Cyclic14.634	*	250.000	JD		
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Straight-Chain11.7	*	18.000	JD		
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Straight-Chain11.8	*	12.000	JD		
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Straight-Chain12.5	*	31.000	JD		
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Straight-Chain14.2	*	19.000	JD		
P4022-07DL	DDCA1DL	Water	(DEL) Alkane: Straight-Chain9.4	*	19.000	JD		
P4022-07DL	DDCA1DL	Water	1,3-Hexanediol, 2-ethyl-	*	43.000	JD		
P4022-07DL	DDCA1DL	Water	1-Hexanol, 2-ethyl-	*	2,200.000	JD		
P4022-07DL	DDCA1DL	Water	1-Pentanol, 2-ethyl-	*	120.000	JD		
P4022-07DL	DDCA1DL	Water	2,2,4-Trimethyl-1,3-pentanediol d	*	44.000	JD		
P4022-07DL	DDCA1DL	Water	2,6-Dimethyl-6-nitro-2-hepten-4-c	*	110.000	JD		
P4022-07DL	DDCA1DL	Water	2-Heptanone, 4,6-dimethyl-	*	230.000	JD		
P4022-07DL	DDCA1DL	Water	2-Hexen-1-ol, 2-ethyl-	*	85.000	JD		
P4022-07DL	DDCA1DL	Water	2-Pyrimidinamine, 4,6-dimethyl-	*	360.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1,2,3-trimethyl-	*	350.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1,3-dimethyl-	*	58.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	45.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1-ethyl-2-methyl-	*	99.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1-ethyl-4-methyl-	*	160.000	JD		
P4022-07DL	DDCA1DL	Water	Benzene, 1-methyl-4-propyl-	*	40.000	JD		
P4022-07DL	DDCA1DL	Water	Benzoic acid, 3,5-dimethyl-	*	58.000	JD		
P4022-07DL	DDCA1DL	Water	Bicyclo[2.2.1]hept-2-ene, 2,3-dim	*	110.000	JD		
P4022-07DL	DDCA1DL	Water	Butanoic acid, butyl ester	*	94.000	JD		
P4022-07DL	DDCA1DL	Water	Butyric acid, dodecyl ester	*	100.000	JD		
P4022-07DL	DDCA1DL	Water	Cyclohexanone, 3,3,5-trimethyl-	*	170.000	JD		
P4022-07DL	DDCA1DL	Water	Hexanal, 2-ethyl-	*	50.000	JD		

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SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-07DL	DDCA1DL	Water	p-Cymene	*	38.000	JD		
P4022-07DL	DDCA1DL	Water	p-Xylene	*	65.000	JD		
P4022-07DL	DDCA1DL	Water	Propanoic acid, 2-methyl-, 2-meth	*	40.000	JD		
P4022-07DL	DDCA1DL	Water	Propanoic acid, 2-methyl-, butyl e	*	160.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-01	*	130.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-02	*	61.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-03	*	69.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-04	*	40.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-05	*	73.000	JD		
P4022-07DL	DDCA1DL	Water	unknown-06	*	330.000	JD		
P4022-07DL	DDCA1DL	Water	Total Alkanes	*	350.000	D 5.5	25	ug/L
Total Tics :				6,231.00				
P4022-07DL	DDCA1DL	Water	1-Methylnaphthalene		17.000	JD 4.55	25	ug/L
P4022-07DL	DDCA1DL	Water	2,3,4,6-Tetrachlorophenol		1,700.000	ED 7.5	25	ug/L
P4022-07DL	DDCA1DL	Water	2,4,6-Trichlorophenol		20.000	JD 10	25	ug/L
P4022-07DL	DDCA1DL	Water	2,4-Dichlorophenol		8.000	JD 5.5	25	ug/L
P4022-07DL	DDCA1DL	Water	2-Methylnaphthalene		26.000	D 5.5	25	ug/L
P4022-07DL	DDCA1DL	Water	Isophorone		120.000	D 8.5	25	ug/L
P4022-07DL	DDCA1DL	Water	Naphthalene		26.000	D 4.7	25	ug/L
P4022-07DL	DDCA1DL	Water	Pentachlorophenol		3,800.000	ED 9.5	50	ug/L
Total Svoc :				5,717.00				
Total Concentration:				11,948.00				
Client ID : DDCA1DL2								
P4022-07DL2	DDCA1DL2	Water	1,2,3,6-Tetrahydrobenzylalcohol, i	*	100.000	JD		
P4022-07DL2	DDCA1DL2	Water	1-Hexanol, 2-ethyl-	*	2,100.000	JD		
P4022-07DL2	DDCA1DL2	Water	1-Pentanol, 2-ethyl-	*	100.000	JD		
P4022-07DL2	DDCA1DL2	Water	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	110.000	JD		
P4022-07DL2	DDCA1DL2	Water	2,6-Dimethyl-6-nitro-2-hepten-4-c	*	140.000	JD		
P4022-07DL2	DDCA1DL2	Water	2-Heptanone, 4,6-dimethyl-	*	220.000	JD		
P4022-07DL2	DDCA1DL2	Water	4-Heptanone, 2,6-dimethyl-	*	140.000	JD		
P4022-07DL2	DDCA1DL2	Water	Benzene, 1,2,3-trimethyl-	*	330.000	JD		
P4022-07DL2	DDCA1DL2	Water	Benzene, 1-ethyl-3-methyl-	*	130.000	JD		
P4022-07DL2	DDCA1DL2	Water	Benzene, 1-ethyl-4-methyl-	*	140.000	JD		
P4022-07DL2	DDCA1DL2	Water	Butanoic acid, butyl ester	*	170.000	JD		
P4022-07DL2	DDCA1DL2	Water	Cyclohexanone, 3,3,5-trimethyl-	*	160.000	JD		
P4022-07DL2	DDCA1DL2	Water	Hexanoic acid, 2-ethyl-	*	350.000	JD		
P4022-07DL2	DDCA1DL2	Water	Phorone	*	210.000	JD		
P4022-07DL2	DDCA1DL2	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	120.000	JD		
P4022-07DL2	DDCA1DL2	Water	Propanoic acid, 2-methyl-, 2-meth	*	440.000	JD		
P4022-07DL2	DDCA1DL2	Water	unknown-01	*	130.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP100124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4022-07DL2	DDCA1DL2	Water	unknown-02	*	230.000	JD		
P4022-07DL2	DDCA1DL2	Water	unknown-03	*	380.000	JD		
P4022-07DL2	DDCA1DL2	Water	Total Alkanes	*	0.000	D 55	250	ug/L
			Total Tics :		5,700.00			
P4022-07DL2	DDCA1DL2	Water	2,3,4,6-Tetrachlorophenol		1,800.000	D 75	250	ug/L
P4022-07DL2	DDCA1DL2	Water	Isophorone		140.000	JD 85	250	ug/L
P4022-07DL2	DDCA1DL2	Water	Pentachlorophenol		4,000.000	D 95	500	ug/L
			Total Svoc :		5,940.00			
			Total Concentration:		11,640.00			
Client ID : DDCA6DL								
P4022-08DL	DDCA6DL	Water	2-Propyl-1-pentanol	*	140.000	JD		
P4022-08DL	DDCA6DL	Water	Total Alkanes	*	0.000	D 55	250	ug/L
			Total Tics :		140.00			
P4022-08DL	DDCA6DL	Water	2,3,4,6-Tetrachlorophenol		360.000	D 75	250	ug/L
P4022-08DL	DDCA6DL	Water	Pentachlorophenol		2,400.000	D 95	500	ug/L
			Total Svoc :		2,760.00			
			Total Concentration:		2,900.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092424

SAS No.: BP092424

SDG No.: BP092424

Instrument ID: _____

Calibration Date(s): 9/24/2024 : _____

Calibration Time(s): 10:53 _____

LAB FILE ID:		RRFAL1 = BP021990.D			RRFAL2 = BP021991.D		RRFAL3 = BP021992.D	
		RRFAL4 = BP021993.D			RRFAL5 = BP021994.D		RRFAL6 = BP021995.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.561	0.576	0.554	0.534	0.541		0.553	3.0
Benzaldehyde		1.112	1.073	1.057	0.732	0.653	0.925	23.3
Pyridine		1.598	1.437	1.482	1.492	1.405	1.483	4.9
Hexachloroethane	0.560	0.629	0.551	0.595	0.562		0.579	5.6
Nitrobenzene	0.434	0.500	0.442	0.456	0.456		0.458	5.6
Isophorone	0.698	0.853	0.760	0.836	0.817		0.793	8.0
2-Nitrophenol	0.152	0.186	0.176	0.196	0.198		0.182	10.4
2,4-Dimethylphenol	0.385	0.442	0.392	0.414	0.424		0.411	5.8
Bis(2-Chloroethoxy)methane	0.413	0.495	0.440	0.480	0.456		0.457	7.1
2,4-Dichlorophenol	0.332	0.388	0.346	0.380	0.385		0.366	6.9
Naphthalene	1.012	1.136	1.005	1.050	1.059		1.052	5.0
4-Chloroaniline		0.456	0.411	0.441	0.443	0.426	0.436	4.0
Hexachlorobutadiene	0.327	0.355	0.311	0.320	0.312		0.325	5.5
Phenol		1.732	1.587	1.717	1.705	1.795	1.707	4.4
Caprolactam		0.103	0.101	0.112	0.119	0.120	0.111	7.8
4-Chloro-3-methylphenol	0.340	0.422	0.379	0.416	0.424		0.396	9.1
1-Methylnaphthalene	0.728	0.845	0.749	0.808	0.814		0.789	6.2
2-Methylnaphthalene	0.714	0.846	0.739	0.813	0.799		0.782	7.0
Hexachlorocyclopentadiene		0.475	0.423	0.485	0.468	0.481	0.466	5.4
2,4,6-Trichlorophenol	0.391	0.461	0.406	0.480	0.480		0.443	9.5
2,4,5-Trichlorophenol	0.429	0.494	0.448	0.512	0.518		0.480	8.3
1,1-Biphenyl	1.347	1.573	1.319	1.469	1.444		1.430	7.1
2-Chloronaphthalene	1.089	1.238	1.051	1.204	1.176		1.152	6.8
2-Nitroaniline	0.264	0.343	0.315	0.363	0.381		0.333	13.7
Bis(2-Chloroethyl)ether		1.342	1.272	1.349	1.268	1.302	1.307	2.9
Dimethylphthalate	1.474	1.685	1.459	1.574	1.573		1.553	5.9
2,6-Dinitrotoluene	0.240	0.308	0.283	0.318	0.340		0.298	12.8
Acenaphthylene	1.543	1.837	1.593	1.761	1.801		1.707	7.7
3-Nitroaniline		0.257	0.257	0.282	0.276	0.284	0.271	5.0
Acenaphthene	1.174	1.347	1.140	1.265	1.275		1.240	6.7
2,4-Dinitrophenol		0.167	0.169	0.198	0.227	0.251	0.203	18.0
4-Nitrophenol		0.309	0.282	0.296	0.313	0.297	0.299	4.1
Dibenzofuran	1.756	2.062	1.709	1.854	1.838		1.844	7.3
2,4-Dinitrotoluene	0.384	0.482	0.439	0.478	0.511		0.459	10.7
Diethylphthalate	1.415	1.711	1.453	1.555	1.550		1.537	7.5
2-Chlorophenol	1.103	1.321	1.209	1.268	1.235		1.227	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: _____ Calibration Date(s): 9/24/2024 : _____

Calibration Time(s): 10:53 : _____

LAB FILE ID:		RRFAL1 = BP021990.D		RRFAL2 = BP021991.D		RRFAL3 = BP021992.D		
		RRFAL4 = BP021993.D		RRFAL5 = BP021994.D		RRFAL6 = BP021995.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.497	1.677	1.421	1.514	1.559		1.533	6.2
4-Chlorophenyl-phenylether	0.874	0.954	0.813	0.877	0.895		0.883	5.7
4-Nitroaniline		0.299	0.281	0.287	0.265	0.247	0.276	7.3
4,6-Dinitro-2-methylphenol		0.129	0.118	0.137	0.141	0.152	0.135	9.5
N-Nitrosodiphenylamine	0.487	0.589	0.487	0.544	0.527		0.527	8.1
1,2,4,5-Tetrachlorobenzene	0.704	0.799	0.685	0.762	0.758		0.742	6.2
4-Bromophenyl-phenylether	0.224	0.260	0.218	0.253	0.245		0.240	7.6
Hexachlorobenzene	0.276	0.320	0.268	0.300	0.294		0.292	7.1
Atrazine		0.256	0.224	0.238	0.244	0.212	0.235	7.2
Pentachlorophenol		0.188	0.170	0.198	0.202	0.215	0.195	8.7
2-Methylphenol		1.199	1.173	1.252	1.258	1.310	1.238	4.3
Phenanthrene	0.997	1.148	0.980	1.072	1.047		1.049	6.3
Pentachlorobenzene	0.324	0.363	0.296	0.343	0.324		0.330	7.5
Anthracene	1.028	1.168	0.989	1.085	1.067		1.067	6.3
1,2,3,4-Tetrachlorobenzene	0.274	0.322	0.270	0.331	0.304		0.300	9.2
Carbazole		1.020	0.889	0.953	0.921	0.920	0.941	5.3
Di-n-butylphthalate	0.983	1.200	1.040	1.120	1.078		1.084	7.6
Fluoranthene	1.009	1.225	1.104	1.278	1.305		1.184	10.6
Pyrene	1.125	1.346	1.176	1.368	1.359		1.275	9.0
Butylbenzylphthalate	0.361	0.463	0.425	0.485	0.488		0.444	11.9
3,3-Dichlorobenzidine		0.479	0.440	0.481	0.454	0.436	0.458	4.6
2,2-oxybis (1-Chloropropane)		1.308	1.188	1.257	1.141	1.168	1.212	5.7
Benzo (a) anthracene	1.299	1.485	1.284	1.412	1.411		1.378	6.2
Chrysene	1.258	1.403	1.190	1.313	1.304		1.294	6.1
Bis (2-ethylhexyl) phthalate	0.552	0.701	0.634	0.696	0.676		0.652	9.4
Di-n-octyl phthalate		0.943	0.913	1.024	1.029	1.031	0.988	5.6
Benzo (b) fluoranthene	1.102	1.299	1.165	1.306	1.337		1.242	8.2
Benzo (k) fluoranthene	1.111	1.304	1.182	1.288	1.302		1.237	7.0
Benzo (a) pyrene	1.020	1.201	1.086	1.196	1.218		1.144	7.6
Indeno (1,2,3-cd) pyrene	1.427	1.570	1.364	1.531	1.566		1.492	6.2
Dibenzo (a,h) anthracene	1.167	1.282	1.076	1.235	1.248		1.202	6.8
Benzo (g,h,i) perylene	1.103	1.204	1.055	1.198	1.227		1.157	6.4
Acetophenone		2.234	2.042	2.227	2.136	2.144	2.156	3.7
2,3,4,6-Tetrachlorophenol	0.419	0.494	0.425	0.483	0.489		0.462	8.0
1,4-Dioxane-d8	0.504	0.544	0.496	0.490	0.519		0.511	4.2
Pyridine-d5		1.559	1.414	1.454	1.475	1.395	1.460	4.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424
Instrument ID: _____ Calibration Date(s): 9/24/2024 : _____
Calibration Time(s): 10:53 _____

LAB FILE ID:		RRFAL1 = BP021990.D			RRFAL2 = BP021991.D		RRFAL3 = BP021992.D	
		RRFAL4 = BP021993.D			RRFAL5 = BP021994.D		RRFAL6 = BP021995.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.621	1.512	1.639	1.664	1.745	1.636	5.1
Bis-(2-Chloroethyl)ether-d8		1.094	0.965	1.029	0.963	0.986	1.007	5.5
2-Chlorophenol-d4	1.038	1.233	1.173	1.241	1.234		1.184	7.2
4-Methylphenol-d8		1.271	1.209	1.340	1.305	1.357	1.296	4.6
Nitrobenzene-d5	0.133	0.156	0.144	0.157	0.159		0.150	7.4
2-Nitrophenol-d4	0.144	0.173	0.161	0.181	0.189		0.170	10.4
2,4-Dichlorophenol-d3	0.326	0.380	0.358	0.385	0.394		0.369	7.4
4-Chloroaniline-d4		0.460	0.415	0.441	0.449	0.433	0.440	3.8
4-Methylphenol		1.360	1.258	1.382	1.350	1.402	1.350	4.1
Dimethylphthalate-d6	1.409	1.687	1.464	1.585	1.586		1.546	7.1
Acenaphthylene-d8	1.436	1.749	1.523	1.708	1.768		1.637	9.1
4-Nitrophenol-d4		0.258	0.241	0.263	0.282	0.277	0.264	6.1
Fluorene-d10	1.276	1.524	1.272	1.360	1.406		1.368	7.6
4,6-Dinitro-2-methylphenol-		0.115	0.106	0.125	0.132	0.143	0.124	11.6
Anthracene-d10	0.898	1.013	0.866	0.944	0.947		0.934	6.0
Pyrene-d10	0.898	1.075	0.957	1.117	1.134		1.036	10.0
Benzo(a)pyrene-d12	0.924	1.100	0.995	1.109	1.132		1.052	8.4
N-Nitroso-di-n-propylamine	0.957	1.233	1.083	1.203	1.112		1.118	9.8

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020617 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 11:06

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	113034	7.71	431703	10.47	346436	14.32
	UPPER LIMIT	226068	8.21	863406	10.969	692872	14.822
	LOWER LIMIT	56517	7.21	215851.5	9.969	173218	13.822
	EPA SAMPLE NO.						
01	SBLK565	128962	7.70	461536	10.45	348762	14.30
02	C0AT8	121395	7.71	440368	10.46	322405	14.30
03	C0AW6	150460	7.70	547635	10.46	393392	14.31
04	C0AT9	119212	7.70	447999	10.46	326876	14.30
05	C0AW0	118413	7.69	433897	10.45	314263	14.30
06	C0AW1	127199	7.70	469899	10.46	354552	14.30
07	C0AW9	148931	7.70	560031	10.46	416389	14.31
08	C0AX0	190858	7.70	719315	10.46	523232	14.31
09	DDCG1	142484	7.70	539179	10.47	392956	14.31
10	DDCG1MS	137745	7.70	512652	10.46	385246	14.32
11	DDCG1MSD	156128	7.70	567540	10.46	419665	14.32
12	SLCS565	175495	7.70	654689	10.46	489333	14.31
13	SBLK717	162313	7.70	598400	10.46	447200	14.31
14	C0AW0	146597	7.70	541462	10.46	401577	14.31
15	DDCD6DL	118667	7.70	440966	10.46	333172	14.32
16	DDCD6DL2	105329	7.70	383816	10.46	278081	14.31
17	DDCA1DL	126044	7.70	471927	10.46	367015	14.31
18	DDCA1DL2	104980	7.70	395336	10.46	300163	14.32
19	DDCA6DL	98168	7.70	356578	10.46	273937	14.31
20	DDC37DL	118476	7.70	445883	10.46	348498	14.32
21	DDC70DL	110981	7.70	407506	10.46	310536	14.32
22	DDC70MS	124060	7.71	480960	10.46	385214	14.31
23	DDC95DL	116068	7.70	437412	10.46	326394	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020617 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 04:03

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	113034	7.71	431703	10.47	346436	14.32
UPPER LIMIT	226068	8.21	863406	10.969	692872	14.822
LOWER LIMIT	56517	7.21	215851.5	9.969	173218	13.822
EPA SAMPLE NO.						
24 SLCS716	91187	7.70	346345	10.46	267228	14.30

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020779 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022129.D Time Analyzed: 11:06

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	99596	7.693	369608	10.45	273736	14.30
UPPER LIMIT	199192	8.193	739216	10.951	547472	14.804
LOWER LIMIT	49798	7.193	184804	9.951	136868	13.804
EPA SAMPLE NO.						
01 SBLK565	128962	7.70	461536	10.45	348762	14.30
02 COAT8	121395	7.71	440368	10.46	322405	14.30
03 COAW6	150460	7.70	547635	10.46	393392	14.31
04 COAT9	119212	7.70	447999	10.46	326876	14.30
05 COAW0	118413	7.69	433897	10.45	314263	14.30
06 COAW1	127199	7.70	469899	10.46	354552	14.30
07 COAW9	148931	7.70	560031	10.46	416389	14.31
08 COAX0	190858	7.70	719315	10.46	523232	14.31
09 DDCG1	142484	7.70	539179	10.47	392956	14.31
10 DDCG1MS	137745	7.70	512652	10.46	385246	14.32
11 DDCG1MSD	156128	7.70	567540	10.46	419665	14.32
12 SLCS565	175495	7.70	654689	10.46	489333	14.31

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020780 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022142.D Time Analyzed: 20:36

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	144331	7.699	561359	10.46	415375	14.31
UPPER LIMIT	288662	8.199	1122718	10.957	830750	14.81
LOWER LIMIT	72165.5	7.199	280679.5	9.957	207687.5	13.81
EPA SAMPLE NO.						
01 SBLK717	162313	7.70	598400	10.46	447200	14.31
02 C0AW0	146597	7.70	541462	10.46	401577	14.31
03 DDCD6DL	118667	7.70	440966	10.46	333172	14.32
04 DDCD6DL2	105329	7.70	383816	10.46	278081	14.31
05 DDCA1DL	126044	7.70	471927	10.46	367015	14.31
06 DDCA1DL2	104980	7.70	395336	10.46	300163	14.32
07 DDCA6DL	98168	7.70	356578	10.46	273937	14.31
08 DDC37DL	118476	7.70	445883	10.46	348498	14.32
09 DDC70DL	110981	7.70	407506	10.46	310536	14.32
10 DDC70MS	124060	7.71	480960	10.46	385214	14.31
11 DDC95DL	116068	7.70	437412	10.46	326394	14.30
12 SLCS716	91187	7.70	346345	10.46	267228	14.30

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020617 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 11:06

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	883419	17.116	1.066e+00	21.539	1.22417e+00	24.821
	UPPER LIMIT	1766838	17.616	2132000	22.039	2448340	25.321
	LOWER LIMIT	441709.5	16.616	533000	21.039	612085	24.321
	EPA SAMPLE NO.						
01	SBLK565	817572	17.10	983899	21.53	1.14245e+	24.82
02	C0AT8	760298	17.10	943432	21.53	1.25141e+	24.82
03	C0AW6	921922	17.10	1.09896e+	21.54	1.33592e+	24.82
04	C0AT9	753854	17.11	873619	21.54	1.02467e+	24.83
05	C0AW0	745880	17.12	907141	21.54	1.14203e+	24.81
06	C0AW1	840358	17.10	1.0023e+0	21.54	1.22031e+	24.81
07	C0AW9	964437	17.10	978844	21.54	1.17661e+	24.83
08	C0AX0	1.15607	17.10	1.13723e+	21.54	1.30171e+	24.83
09	DDCG1	896938	17.11	893094	21.55	1.10854e+	24.83
10	DDCG1MS	910023	17.12	933853	21.55	1.0964e+0	24.83
11	DDCG1MSD	1.02023	17.12	1.04825e+	21.55	1.24202e+	24.84
12	SLCS565	1.12497	17.11	1.20488e+	21.55	1.42624e+	24.85
13	SBLK717	1.08604	17.11	1.20922e+	21.54	1.38675e+	24.82
14	C0AW0	943966	17.11	1.10073e+	21.53	1.26774e+	24.82
15	DDCD6DL	798067	17.11	991492	21.53	1.186e+00	24.83
16	DDCD6DL2	666724	17.12	767668	21.54	936084	24.82
17	DDCA1DL	887587	17.11	1.05203e+	21.53	1.18119e+	24.82
18	DDCA1DL2	742978	17.12	860546	21.55	1.00221e+	24.81
19	DDCA6DL	680627	17.12	759813	21.54	983932	24.83
20	DDC37DL	830567	17.12	956153	21.54	1.131e+00	24.82
21	DDC70DL	740983	17.10	874013	21.54	1.04279e+	24.83

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020617 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 02:42

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	883419	17.116	1.066e+00	21.539	1.22417e+00	24.821
UPPER LIMIT	1766838	17.616	2132000	22.039	2448340	25.321
LOWER LIMIT	441709.5	16.616	533000	21.039	612085	24.321
EPA SAMPLE NO.						
22 DDC70MS	901911	17.12	1.01945e+	21.53	1.23405e+	24.83
23 DDC95DL	793520	17.10	913509	21.53	1.02015e+	24.82
24 SLCS716	655313	17.10	749952	21.53	874095	24.82

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020779 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022129.D Time Analyzed: 11:06

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	652821	17.11	775298	21.539	960697	24.821
UPPER LIMIT	1305642	17.61	1550596	22.039	1921394	25.321
LOWER LIMIT	326410.5	16.61	387649	21.039	480348.5	24.321
EPA SAMPLE NO.						
01 SBLK565	817572	17.10	983899	21.53	1.14245e+	24.82
02 COAT8	760298	17.10	943432	21.53	1.25141e+	24.82
03 COAW6	921922	17.10	1.09896e+	21.54	1.33592e+	24.82
04 COAT9	753854	17.11	873619	21.54	1.02467e+	24.83
05 COAW0	745880	17.12	907141	21.54	1.14203e+	24.81
06 COAW1	840358	17.10	1.0023e+0	21.54	1.22031e+	24.81
07 COAW9	964437	17.10	978844	21.54	1.17661e+	24.83
08 COAX0	1.15607	17.10	1.13723e+	21.54	1.30171e+	24.83
09 DDCG1	896938	17.11	893094	21.55	1.10854e+	24.83
10 DDCG1MS	910023	17.12	933853	21.55	1.0964e+0	24.83
11 DDCG1MSD	1.02023	17.12	1.04825e+	21.55	1.24202e+	24.84
12 SLCS565	1.12497	17.11	1.20488e+	21.55	1.42624e+	24.85

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.: BP100124 SAS No.: BP100124 SDG NO.: BP100124

EPA Sample No.: SSTD020780 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BP022142.D Time Analyzed: 20:36

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	982564	17.11	1.09084e+	21.533	1.29236e+01	24.815
UPPER LIMIT	1965128	17.61	2181680	22.033	2584720	25.315
LOWER LIMIT	491282	16.61	545420	21.033	646180	24.315
EPA SAMPLE NO.						
01 SBLK717	1.08604	17.11	1.20922e+	21.54	1.38675e+	24.82
02 C0AW0	943966	17.11	1.10073e+	21.53	1.26774e+	24.82
03 DDCD6DL	798067	17.11	991492	21.53	1.186e+00	24.83
04 DDCD6DL2	666724	17.12	767668	21.54	936084	24.82
05 DDCA1DL	887587	17.11	1.05203e+	21.53	1.18119e+	24.82
06 DDCA1DL2	742978	17.12	860546	21.55	1.00221e+	24.81
07 DDCA6DL	680627	17.12	759813	21.54	983932	24.83
08 DDC37DL	830567	17.12	956153	21.54	1.131e+00	24.82
09 DDC70DL	740983	17.10	874013	21.54	1.04279e+	24.83
10 DDC70MS	901911	17.12	1.01945e+	21.53	1.23405e+	24.83
11 DDC95DL	793520	17.10	913509	21.53	1.02015e+	24.82
12 SLCS716	655313	17.10	749952	21.53	874095	24.82

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.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163565BS	1,4-Dioxane	530	270	ug/Kg	51				0	0		
	Benzaldehyde	1300	590	ug/Kg	45				0	0		
	Pyridine	1300	640	ug/Kg	49				0	0		
	Phenol	1300	840	ug/Kg	65				0	0		
	Bis(2-chloroethyl)ether	1300	810	ug/Kg	62				0	0		
	2-Chlorophenol	1300	880	ug/Kg	68				0	0		
	2-Methylphenol	1300	830	ug/Kg	64				0	0		
	2,2-oxybis(1-Chloropropane)	1300	790	ug/Kg	61				0	0		
	Acetophenone	1300	810	ug/Kg	62				0	0		
	4-Methylphenol	1300	830	ug/Kg	64				0	0		
	N-Nitroso-di-n-propylamine	1300	820	ug/Kg	63				0	0		
	Hexachloroethane	1300	750	ug/Kg	58				0	0		
	Nitrobenzene	1300	810	ug/Kg	62				0	0		
	Isophorone	1300	850	ug/Kg	65				0	0		
	2-Nitrophenol	1300	940	ug/Kg	72				0	0		
	2,4-Dimethylphenol	1300	620	ug/Kg	48				0	0		
	Bis(2-chloroethoxy)methane	1300	830	ug/Kg	64				0	0		
	2,4-Dichlorophenol	1300	870	ug/Kg	67				0	0		
	Naphthalene	1300	830	ug/Kg	64				0	0		
	4-Chloroaniline	1300	700	ug/Kg	54				0	0		
	Hexachlorobutadiene	1300	820	ug/Kg	63				0	0		
	Caprolactam	1300	750	ug/Kg	58				0	0		
	4-Chloro-3-methylphenol	1300	880	ug/Kg	68				0	0		
	1-Methylnaphthalene	1300	840	ug/Kg	65				0	0		
	2-Methylnaphthalene	1300	840	ug/Kg	65				0	0		
	Hexachlorocyclopentadiene	1300	370	ug/Kg	28				0	0		
	2,4,6-Trichlorophenol	1300	800	ug/Kg	62				0	0		
	2,4,5-Trichlorophenol	1300	840	ug/Kg	65				0	0		
	1,1'-Biphenyl	1300	850	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	870	ug/Kg	67				0	0		
	2-Nitroaniline	1300	930	ug/Kg	72				0	0		
	Dimethylphthalate	1300	850	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	940	ug/Kg	72				0	0		
	Acenaphthylene	1300	890	ug/Kg	68				0	0		
	3-Nitroaniline	1300	950	ug/Kg	73				0	0		
	Acenaphthene	1300	810	ug/Kg	62				0	0		
	2,4-Dinitrophenol	1300	880	ug/Kg	68				0	0		
	4-Nitrophenol	1300	820	ug/Kg	63				0	0		
	Dibenzofuran	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrotoluene	1300	910	ug/Kg	70				0	0		
	Diethylphthalate	1300	830	ug/Kg	64				0	0		
	Fluorene	1300	830	ug/Kg	64				0	0		
	4-Chlorophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163565BS	4,6-Dinitro-2-methylphenol	1300	900	ug/Kg	69				0	0		
	N-Nitrosodiphenylamine	1300	910	ug/Kg	70				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	850	ug/Kg	65				0	0		
	4-Bromophenyl-phenylether	1300	930	ug/Kg	72				0	0		
	Hexachlorobenzene	1300	940	ug/Kg	72				0	0		
	Atrazine	1300	0	ug/Kg	0				0	0		
	Pentachlorophenol	1300	640	ug/Kg	49				0	0		
	Phenanthrene	1300	880	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	820	ug/Kg	63				0	0		
	Anthracene	1300	840	ug/Kg	65				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	970	ug/Kg	75				0	0		
	Carbazole	1300	870	ug/Kg	67				0	0		
	Di-n-butylphthalate	1300	890	ug/Kg	68				0	0		
	Fluoranthene	1300	940	ug/Kg	72				0	0		
	Pyrene	1300	930	ug/Kg	72				0	0		
	Butylbenzylphthalate	1300	960	ug/Kg	74				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	890	ug/Kg	68				0	0		
	Chrysene	1300	880	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	920	ug/Kg	71				0	0		
	Di-n-octylphthalate	1300	890	ug/Kg	68				0	0		
	Benzo(b)fluoranthene	1300	890	ug/Kg	68				0	0		
	Benzo(k)fluoranthene	1300	870	ug/Kg	67				0	0		
	Benzo(a)pyrene	1300	800	ug/Kg	62				0	0		
	Indeno(1,2,3-cd)pyrene	1300	890	ug/Kg	68				0	0		
	Dibenzo(a,h)anthracene	1300	900	ug/Kg	69				0	0		
	Benzo(g,h,i)perylene	1300	900	ug/Kg	69				0	0		
	2,3,4,6-Tetrachlorophenol	1300	680	ug/Kg	52				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163716BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	33	ug/L	83				0	0	
	Pyridine	40	28	ug/L	70				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	32	ug/L	80				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	31	ug/L	78				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	31	ug/L	78				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	25	ug/L	63				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	31	ug/L	78				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	32	ug/L	80				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	29	ug/L	73				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	31	ug/L	78				0	0	
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0	
	Diethylphthalate	40	31	ug/L	78				0	0	
	Fluorene	40	31	ug/L	78				0	0	
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0	
	4-Nitroaniline	40	37	ug/L	93				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163716BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	33	ug/L	83				0	0		
	Atrazine	40	24	ug/L	60				0	0		
	Pentachlorophenol	40	31	ug/L	78				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	31	ug/L	78				0	0		
	Anthracene	40	31	ug/L	78				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	32	ug/L	80				0	0		
	Butylbenzylphthalate	40	32	ug/L	80				0	0		
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	31	ug/L	78				0	0		
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0		
	Di-n-octylphthalate	40	31	ug/L	78				0	0		
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(k)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(a)pyrene	40	31	ug/L	78				0	0		
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0		
	2,3,4,6-Tetrachlorophenol	40	33	ug/L	83				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK565

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100124

SAS No.: BP100124 SDG NO.: BP100124

Lab File ID: BP022130.D

Lab Sample ID: PB163565BL

Instrument ID: BNA_P

Date Extracted: 09/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/01/2024

Level: (low/med) LOW

Time Analyzed: 11:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AT8	P4010-01	BP022131.D	10/01/2024
C0AW6	P4010-02	BP022132.D	10/01/2024
C0AT9	P4010-05	BP022133.D	10/01/2024
C0AW0	P4010-06	BP022134.D	10/01/2024
C0AW1	P4010-07	BP022135.D	10/01/2024
C0AW9	P4010-08	BP022136.D	10/01/2024
C0AX0	P4010-09	BP022137.D	10/01/2024
DDCG1	P4021-01	BP022138.D	10/01/2024
DDCG1MS	P4021-02MS	BP022139.D	10/01/2024
DDCG1MSD	P4021-03MSD	BP022140.D	10/01/2024
PB163565BS	PB163565BS	BP022141.D	10/01/2024
C0AW0	P4010-06	BP022144.D	10/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

DDC70MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100124

SAS No.: BP100124 SDG NO.: BP100124

Lab File ID: BP022152.D

Lab Sample ID: P4022-03MS

Instrument ID: BNA_P

Date Extracted: 09/26/2024

Matrix: (soil/water) Water

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 02:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC70MS	P4022-03MS	BP022152.D	10/02/2024
PB163716BS	PB163716BS	BP022154.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK717

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100124

SAS No.: BP100124 SDG NO.: BP100124

Lab File ID: BP022143.D

Lab Sample ID: PB163717BL

Instrument ID: BNA_P

Date Extracted: 09/26/2024

Matrix: (soil/water) Water

Date Analyzed: 10/01/2024

Level: (low/med) LOW

Time Analyzed: 20:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4022-03MS	Client Sample ID:	DDC70MS					DataFile:	BP022152.D		
1,4-Dioxane	16		4.6	ug/L	29				15	120	
Benzaldehyde	40		47	ug/L	117				0	0	
Pyridine	40		7.5	ug/L	19				0	0	
Phenol	40		9.5	ug/L	24				12	110	
Bis(2-chloroethyl)ether	40		27	ug/L	68				0	0	
2-Chlorophenol	40		27	ug/L	68				27	123	
2-Methylphenol	40		22	ug/L	55				0	0	
2,2-oxybis(1-Chloropropane)	40		25	ug/L	63				0	0	
Acetophenone	40		69	ug/L	173				0	0	
4-Methylphenol	40		20	ug/L	50				0	0	
N-Nitroso-di-n-propylamine	40		28	ug/L	70				41	116	
Hexachloroethane	40		50	ug/L	125				0	0	
Nitrobenzene	40		28	ug/L	70				0	0	
Isophorone	40	27	54	ug/L	68				0	0	
2-Nitrophenol	40		31	ug/L	78				0	0	
2,4-Dimethylphenol	40		27	ug/L	68				0	0	
Bis(2-chloroethoxy)methane	40		28	ug/L	70				0	0	
2,4-Dichlorophenol	40	2.8	33	ug/L	76				0	0	
Naphthalene	40	38	69	ug/L	78				0	0	
4-Chloroaniline	40		7.5	ug/L	19				0	0	
Hexachlorobutadiene	40		27	ug/L	68				0	0	
Caprolactam	40		7	ug/L	18				0	0	
4-Chloro-3-methylphenol	40		30	ug/L	75				23	97	
1-Methylnaphthalene	40	23	54	ug/L	78				0	0	
2-Methylnaphthalene	40	38	72	ug/L	85				0	0	
Hexachlorocyclopentadiene	40		17	ug/L	43				0	0	
2,4,6-Trichlorophenol	40	9.4	42	ug/L	81				0	0	
2,4,5-Trichlorophenol	40	2.7	35	ug/L	81				0	0	
1,1'-Biphenyl	40	2.3	31	ug/L	72				0	0	
2-Chloronaphthalene	40		29	ug/L	73				0	0	
2-Nitroaniline	40		33	ug/L	83				0	0	
Dimethylphthalate	40	2.2	30	ug/L	70				0	0	
2,6-Dinitrotoluene	40		33	ug/L	83				0	0	
Acenaphthylene	40		30	ug/L	75				0	0	
3-Nitroaniline	40		17	ug/L	43				0	0	
Acenaphthene	40		30	ug/L	75				46	118	
2,4-Dinitrophenol	40		31	ug/L	78				0	0	
4-Nitrophenol	40		11	ug/L	28				10	80	
Dibenzofuran	40		30	ug/L	75				0	0	
2,4-Dinitrotoluene	40		32	ug/L	80				24	96	
Diethylphthalate	40		30	ug/L	75				0	0	
Fluorene	40	1.4	31	ug/L	74				0	0	
4-Chlorophenyl-phenylether	40		29	ug/L	73				0	0	
4-Nitroaniline	40		21	ug/L	52				0	0	
4,6-Dinitro-2-methylphenol	40		43	ug/L	108				0	0	
N-Nitrosodiphenylamine	40		32	ug/L	80				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		28	ug/L	70				0	0	
4-Bromophenyl-phenylether	40		33	ug/L	83				0	0	
Hexachlorobenzene	40		33	ug/L	83				0	0	
Atrazine	40		17	ug/L	43				0	0	
Pentachlorophenol	40	2900	3000	ug/L	250	*			9	103	
Phenanthrene	40	1.6	33	ug/L	79				0	0	
Pentachlorobenzene	40		30	ug/L	75				0	0	
Anthracene	40		31	ug/L	78				0	0	
1,2,3,4-Tetrachlorobenzene	40		29	ug/L	73				0	0	
Carbazole	40		31	ug/L	78				0	0	
Di-n-butylphthalate	40		33	ug/L	83				0	0	
Fluoranthene	40		33	ug/L	83				0	0	
Pyrene	40		33	ug/L	83				26	127	
Butylbenzylphthalate	40		35	ug/L	88				0	0	
3,3'-Dichlorobenzidine	40		2.1	ug/L	5				0	0	
Benzo(a)anthracene	40		31	ug/L	78				0	0	
Chrysene	40		32	ug/L	80				0	0	
Bis(2-ethylhexyl)phthalate	40		33	ug/L	83				0	0	
Di-n-octylphthalate	40		32	ug/L	80				0	0	
Benzo(b)fluoranthene	40		31	ug/L	78				0	0	
Benzo(k)fluoranthene	40		31	ug/L	78				0	0	
Benzo(a)pyrene	40		30	ug/L	75				0	0	
Indeno(1,2,3-cd)pyrene	40		32	ug/L	80				0	0	
Dibenzo(a,h)anthracene	40		32	ug/L	80				0	0	
Benzo(g,h,i)perylene	40		32	ug/L	80				0	0	
2,3,4,6-Tetrachlorophenol	40	990	1100	ug/L	275				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4021-02MS	Client Sample ID:	DDCG1MS					DataFile:	BP022139.D		
1,4-Dioxane	670		420	ug/Kg	63				15	120	
Benzaldehyde	1700		1500	ug/Kg	88				0	0	
Pyridine	1700		1100	ug/Kg	65				0	0	
Phenol	1700	100	1400	ug/Kg	76				26	90	
Bis(2-chloroethyl)ether	1700		1200	ug/Kg	71				0	0	
2-Chlorophenol	1700		1400	ug/Kg	82				25	102	
2-Methylphenol	1700		1300	ug/Kg	76				0	0	
2,2-oxybis(1-Chloropropane)	1700		1200	ug/Kg	71				0	0	
Acetophenone	1700		1200	ug/Kg	71				0	0	
4-Methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71				41	126	
Hexachloroethane	1700		1100	ug/Kg	65				0	0	
Nitrobenzene	1700		1300	ug/Kg	76				0	0	
Isophorone	1700	0	1400	ug/Kg	82				0	0	
2-Nitrophenol	1700		1500	ug/Kg	88				0	0	
2,4-Dimethylphenol	1700		1200	ug/Kg	71				0	0	
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76				0	0	
2,4-Dichlorophenol	1700		1400	ug/Kg	82				0	0	
Naphthalene	1700		1300	ug/Kg	76				0	0	
4-Chloroaniline	1700		1100	ug/Kg	65				0	0	
Hexachlorobutadiene	1700		1300	ug/Kg	76				0	0	
Caprolactam	1700		1500	ug/Kg	88				0	0	
4-Chloro-3-methylphenol	1700		1400	ug/Kg	82				26	103	
1-Methylnaphthalene	1700		1300	ug/Kg	76				0	0	
2-Methylnaphthalene	1700		1300	ug/Kg	76				0	0	
Hexachlorocyclopentadiene	1700		530	ug/Kg	31				0	0	
2,4,6-Trichlorophenol	1700		1500	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	1700		1500	ug/Kg	88				0	0	
1,1'-Biphenyl	1700		1300	ug/Kg	76				0	0	
2-Chloronaphthalene	1700		1300	ug/Kg	76				0	0	
2-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Dimethylphthalate	1700		1300	ug/Kg	76				0	0	
2,6-Dinitrotoluene	1700		1400	ug/Kg	82				0	0	
Acenaphthylene	1700		1300	ug/Kg	76				0	0	
3-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Acenaphthene	1700		1300	ug/Kg	76				31	137	
2,4-Dinitrophenol	1700		1400	ug/Kg	82				0	0	
4-Nitrophenol	1700		1300	ug/Kg	76				11	114	
Dibenzofuran	1700		1300	ug/Kg	76				0	0	
2,4-Dinitrotoluene	1700		1400	ug/Kg	82				28	89	
Diethylphthalate	1700		1300	ug/Kg	76				0	0	
Fluorene	1700		1300	ug/Kg	76				0	0	
4-Chlorophenyl-phenylether	1700		1300	ug/Kg	76				0	0	
4-Nitroaniline	1700		1500	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88				0	0	
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1300	ug/Kg	76				0	0	
4-Bromophenyl-phenylether	1700		1400	ug/Kg	82				0	0	
Hexachlorobenzene	1700		1400	ug/Kg	82				0	0	
Atrazine	1700		1300	ug/Kg	76				0	0	
Pentachlorophenol	1700	2800	3800	ug/Kg	59				17	109	
Phenanthrene	1700		1300	ug/Kg	76				0	0	
Pentachlorobenzene	1700		1300	ug/Kg	76				0	0	
Anthracene	1700		1300	ug/Kg	76				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1400	ug/Kg	82				0	0	
Carbazole	1700		1300	ug/Kg	76				0	0	
Di-n-butylphthalate	1700		1300	ug/Kg	76				0	0	
Fluoranthene	1700		1400	ug/Kg	82				0	0	
Pyrene	1700		1400	ug/Kg	82				35	142	
Butylbenzylphthalate	1700		1500	ug/Kg	88				0	0	
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76				0	0	
Benzo(a)anthracene	1700		1300	ug/Kg	76				0	0	
Chrysene	1700		1300	ug/Kg	76				0	0	
Bis(2-ethylhexyl)phthalate	1700		1500	ug/Kg	88				0	0	
Di-n-octylphthalate	1700		1400	ug/Kg	82				0	0	
Benzo(b)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(k)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(a)pyrene	1700		1300	ug/Kg	76				0	0	
Indeno(1,2,3-cd)pyrene	1700		1400	ug/Kg	82				0	0	
Dibenzo(a,h)anthracene	1700		1400	ug/Kg	82				0	0	
Benzo(g,h,i)perylene	1700		1400	ug/Kg	82				0	0	
2,3,4,6-Tetrachlorophenol	1700	230	1600	ug/Kg	81				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4021-03MSD	Client Sample ID:	DDCG1MSD					DataFile:	BP022140.D		
1,4-Dioxane	670		400	ug/Kg	60		5		15	120	50
Benzaldehyde	1700		1500	ug/Kg	88		0		0	0	0
Pyridine	1700		1100	ug/Kg	65		0		0	0	0
Phenol	1700	100	1400	ug/Kg	76		0		26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76		7	*	0	0	0
2-Chlorophenol	1700		1400	ug/Kg	82		0		25	102	50
2-Methylphenol	1700		1300	ug/Kg	76		0		0	0	0
2,2-oxybis(1-Chloropropane)	1700		1200	ug/Kg	71		0		0	0	0
Acetophenone	1700		1300	ug/Kg	76		7	*	0	0	0
4-Methylphenol	1700		1300	ug/Kg	76		0		0	0	0
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76		7		41	126	38
Hexachloroethane	1700		1200	ug/Kg	71		9	*	0	0	0
Nitrobenzene	1700		1300	ug/Kg	76		0		0	0	0
Isophorone	1700	0	1400	ug/Kg	82		0		0	0	0
2-Nitrophenol	1700		1500	ug/Kg	88		0		0	0	0
2,4-Dimethylphenol	1700		1300	ug/Kg	76		7	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76		0		0	0	0
2,4-Dichlorophenol	1700		1500	ug/Kg	88		7	*	0	0	0
Naphthalene	1700		1400	ug/Kg	82		8	*	0	0	0
4-Chloroaniline	1700		1200	ug/Kg	71		9	*	0	0	0
Hexachlorobutadiene	1700		1400	ug/Kg	82		8	*	0	0	0
Caprolactam	1700		1500	ug/Kg	88		0		0	0	0
4-Chloro-3-methylphenol	1700		1400	ug/Kg	82		0		26	103	33
1-Methylnaphthalene	1700		1300	ug/Kg	76		0		0	0	0
2-Methylnaphthalene	1700		1300	ug/Kg	76		0		0	0	0
Hexachlorocyclopentadiene	1700		610	ug/Kg	36		15	*	0	0	0
2,4,6-Trichlorophenol	1700		1500	ug/Kg	88		0		0	0	0
2,4,5-Trichlorophenol	1700		1500	ug/Kg	88		0		0	0	0
1,1'-Biphenyl	1700		1400	ug/Kg	82		8	*	0	0	0
2-Chloronaphthalene	1700		1400	ug/Kg	82		8	*	0	0	0
2-Nitroaniline	1700		1500	ug/Kg	88		7	*	0	0	0
Dimethylphthalate	1700		1300	ug/Kg	76		0		0	0	0
2,6-Dinitrotoluene	1700		1500	ug/Kg	88		7	*	0	0	0
Acenaphthylene	1700		1400	ug/Kg	82		8	*	0	0	0
3-Nitroaniline	1700		1500	ug/Kg	88		7	*	0	0	0
Acenaphthene	1700		1400	ug/Kg	82		8		31	137	19
2,4-Dinitrophenol	1700		1400	ug/Kg	82		0		0	0	0
4-Nitrophenol	1700		1300	ug/Kg	76		0		11	114	50
Dibenzofuran	1700		1400	ug/Kg	82		8	*	0	0	0
2,4-Dinitrotoluene	1700		1500	ug/Kg	88		7		28	89	47
Diethylphthalate	1700		1400	ug/Kg	82		8	*	0	0	0
Fluorene	1700		1300	ug/Kg	76		0		0	0	0
4-Chlorophenyl-phenylether	1700		1300	ug/Kg	76		0		0	0	0
4-Nitroaniline	1700		1500	ug/Kg	88		0		0	0	0
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88		0		0	0	0
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700	2800	1400	ug/Kg	82		8	*	0	0	0
4-Bromophenyl-phenylether	1700		1400	ug/Kg	82		0		0	0	0
Hexachlorobenzene	1700		1400	ug/Kg	82		0		0	0	0
Atrazine	1700		1300	ug/Kg	76		0		0	0	0
Pentachlorophenol	1700		3900	ug/Kg	65		10		17	109	47
Phenanthrene	1700		1300	ug/Kg	76		0		0	0	0
Pentachlorobenzene	1700		1400	ug/Kg	82		8	*	0	0	0
Anthracene	1700		1300	ug/Kg	76		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1400	ug/Kg	82		0		0	0	0
Carbazole	1700		1300	ug/Kg	76		0		0	0	0
Di-n-butylphthalate	1700	230	1400	ug/Kg	82		8	*	0	0	0
Fluoranthene	1700		1500	ug/Kg	88		7	*	0	0	0
Pyrene	1700		1400	ug/Kg	82		0		35	142	36
Butylbenzylphthalate	1700		1600	ug/Kg	94		7	*	0	0	0
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76		0		0	0	0
Benzo(a)anthracene	1700		1300	ug/Kg	76		0		0	0	0
Chrysene	1700		1400	ug/Kg	82		8	*	0	0	0
Bis(2-ethylhexyl)phthalate	1700		1500	ug/Kg	88		0		0	0	0
Di-n-octylphthalate	1700		1400	ug/Kg	82		0		0	0	0
Benzo(b)fluoranthene	1700		1400	ug/Kg	82		8	*	0	0	0
Benzo(k)fluoranthene	1700		1300	ug/Kg	76		0		0	0	0
Benzo(a)pyrene	1700		1300	ug/Kg	76		0		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1400	ug/Kg	82		0		0	0	0
Dibenzo(a,h)anthracene	1700		1400	ug/Kg	82		0		0	0	0
Benzo(g,h,i)perylene	1700		1400	ug/Kg	82		0		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1700	ug/Kg	86		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4010-01	C0AT8	BP022131.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	12.56	31		20	120
			Phenol-d5	40	18.43	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.93	47		10	150
			2-Chlorophenol-d4	40	20.15	50		15	120
			4-Methylphenol-d8	40	17.09	43		10	140
			Nitrobenzene-d5	40	20.67	52		10	135
			2-Nitrophenol-d4	40	21.39	53		10	120
			2,4-Dichlorophenol-d3	40	19.76	49		10	140
			4-Chloroaniline-d4	40	13.57	34		1	145
			Dimethylphthalate-d6	40	20.14	50		10	145
			Acenaphthylene-d8	40	20.53	51		15	120
			4-Nitrophenol-d4	40	14.39	36		10	150
			Fluorene-d10	40	20.39	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.96	42		10	130
			Anthracene-d10	40	19.82	50		10	150
			Pyrene-d10	40	20.48	51		10	130
			Benzo(a)pyrene-d12	40	20.30	51		10	140
P4010-02	C0AW6	BP022132.D	1,4-Dioxane-d8	8	1.50	19		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	8.95	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.85	25		10	150
			2-Chlorophenol-d4	40	10.48	26		15	120
			4-Methylphenol-d8	40	8.98	22		10	140
			Nitrobenzene-d5	40	10.63	27		10	135
			2-Nitrophenol-d4	40	10.88	27		10	120
			2,4-Dichlorophenol-d3	40	10.26	26		10	140
			4-Chloroaniline-d4	40	3.90	10		1	145
			Dimethylphthalate-d6	40	10.66	27		10	145
			Acenaphthylene-d8	40	10.73	27		15	120
			4-Nitrophenol-d4	40	6.20	15		10	150
			Fluorene-d10	40	10.84	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.65	19		10	130
			Anthracene-d10	40	9.76	24		10	150
			Pyrene-d10	40	9.08	23		10	130
			Benzo(a)pyrene-d12	40	6.65	17		10	140
P4010-05	C0AT9	BP022133.D	1,4-Dioxane-d8	8	1.98	25		15	120
			Pyridine-d5	40	0.88	2	*	20	120
			Phenol-d5	40	12.71	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.60	31		10	150
			2-Chlorophenol-d4	40	13.45	34		15	120
			4-Methylphenol-d8	40	10.16	25		10	140
			Nitrobenzene-d5	40	13.57	34		10	135
			2-Nitrophenol-d4	40	14.05	35		10	120
			2,4-Dichlorophenol-d3	40	12.84	32		10	140
			4-Chloroaniline-d4	40	8.00	20		1	145
			Dimethylphthalate-d6	40	13.96	35		10	145
			Acenaphthylene-d8	40	13.65	34		15	120
			4-Nitrophenol-d4	40	9.17	23		10	150

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4010-05	C0AT9	BP022133.D	Fluorene-d10	40	13.77	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.18	23		10	130
			Anthracene-d10	40	13.32	33		10	150
			Pyrene-d10	40	12.84	32		10	130
			Benzo(a)pyrene-d12	40	9.45	24		10	140
P4010-06	C0AW0	BP022134.D	1,4-Dioxane-d8	8	0.94	12	*	15	120
			Pyridine-d5	40	0.31	1	*	20	120
		BP022144.D	1,4-Dioxane-d8	8	0.90	11	*	15	120
			Pyridine-d5	40	0.34	1	*	20	120
		BP022134.D	Phenol-d5	40	8.38	21		10	130
			Phenol-d5	40	4.55	11		10	130
		BP022144.D	Bis(2-Chloroethyl)ether-d8	40	5.15	13		10	150
			Bis(2-Chloroethyl)ether-d8	40	8.73	22		10	150
		BP022134.D	2-Chlorophenol-d4	40	9.42	24		15	120
			2-Chlorophenol-d4	40	5.26	13	*	15	120
		BP022144.D	4-Methylphenol-d8	40	2.24	6	*	10	140
			4-Methylphenol-d8	40	6.14	15		10	140
		BP022134.D	Nitrobenzene-d5	40	9.59	24		10	135
			Nitrobenzene-d5	40	5.17	13		10	135
		BP022144.D	2-Nitrophenol-d4	40	9.97	25		10	120
			2-Nitrophenol-d4	40	5.07	13		10	120
		BP022144.D	2,4-Dichlorophenol-d3	40	4.59	11		10	140
			2,4-Dichlorophenol-d3	40	8.89	22		10	140
		BP022134.D	4-Chloroaniline-d4	40	3.10	8		1	145
			4-Chloroaniline-d4	40	7.03	18		1	145
		BP022134.D	Dimethylphthalate-d6	40	9.46	24		10	145
			Dimethylphthalate-d6	40	5.64	14		10	145
		BP022144.D	Acenaphthylene-d8	40	5.21	13	*	15	120
			Acenaphthylene-d8	40	9.27	23		15	120
		BP022134.D	4-Nitrophenol-d4	40	7.01	18		10	150
			4-Nitrophenol-d4	40	3.14	8	*	10	150
		BP022144.D	Fluorene-d10	40	5.46	14	*	20	140
			Fluorene-d10	40	9.49	24		20	140
		BP022134.D	4,6-Dinitro-2-methylphenol-d2	40	6.01	15		10	130
			4,6-Dinitro-2-methylphenol-d2	40	3.16	8	*	10	130
		BP022144.D	Anthracene-d10	40	5.32	13		10	150
			Anthracene-d10	40	9.13	23		10	150
		BP022134.D	Pyrene-d10	40	8.80	22		10	130
			Pyrene-d10	40	4.71	12		10	130
		BP022144.D	Benzo(a)pyrene-d12	40	3.37	8	*	10	140
			Benzo(a)pyrene-d12	40	7.36	18		10	140
P4010-07	C0AW1	BP022135.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	9.44	24		20	120
			Phenol-d5	40	17.62	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.25	43		10	150
			2-Chlorophenol-d4	40	18.84	47		15	120
			4-Methylphenol-d8	40	17.99	45		10	140
			Nitrobenzene-d5	40	18.64	47		10	135
			2-Nitrophenol-d4	40	19.73	49		10	120

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4010-07	C0AW1	BP022135.D	2,4-Dichlorophenol-d3	40	18.56	46		10	140
			4-Chloroaniline-d4	40	12.48	31		1	145
			Dimethylphthalate-d6	40	19.37	48		10	145
			Acenaphthylene-d8	40	19.56	49		15	120
			4-Nitrophenol-d4	40	13.96	35		10	150
			Fluorene-d10	40	19.36	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.83	40		10	130
			Anthracene-d10	40	18.99	47		10	150
			Pyrene-d10	40	20.08	50		10	130
			Benzo(a)pyrene-d12	40	20.00	50		10	140
P4010-08	C0AW9	BP022136.D	1,4-Dioxane-d8	8	2.14	27		15	120
			Pyridine-d5	40	1.40	3	*	20	120
			Phenol-d5	40	14.02	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.79	34		10	150
			2-Chlorophenol-d4	40	15.25	38		15	120
			4-Methylphenol-d8	40	12.53	31		10	140
			Nitrobenzene-d5	40	14.87	37		10	135
			2-Nitrophenol-d4	40	15.08	38		10	120
			2,4-Dichlorophenol-d3	40	14.48	36		10	140
			4-Chloroaniline-d4	40	1.11	3		1	145
			Dimethylphthalate-d6	40	14.72	37		10	145
			Acenaphthylene-d8	40	14.64	37		15	120
			4-Nitrophenol-d4	40	11.03	28		10	150
			Fluorene-d10	40	14.65	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.63	29		10	130
			Anthracene-d10	40	12.50	31		10	150
			Pyrene-d10	40	14.47	36		10	130
			Benzo(a)pyrene-d12	40	9.91	25		10	140
P4010-09	C0AX0	BP022137.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	1.63	4	*	20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.67	52		10	150
			2-Chlorophenol-d4	40	23.10	58		15	120
			4-Methylphenol-d8	40	17.59	44		10	140
			Nitrobenzene-d5	40	23.55	59		10	135
			2-Nitrophenol-d4	40	25.30	63		10	120
			2,4-Dichlorophenol-d3	40	22.80	57		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	21.86	55		10	145
			Acenaphthylene-d8	40	22.72	57		15	120
			4-Nitrophenol-d4	40	17.85	45		10	150
			Fluorene-d10	40	22.01	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.13	45		10	130
			Anthracene-d10	40	20.55	51		10	150
			Pyrene-d10	40	24.23	61		10	130
			Benzo(a)pyrene-d12	40	21.71	54		10	140
P4021-01	DDCG1	BP022138.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	13.32	33		20	120
			Phenol-d5	40	21.44	54		10	130

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4021-01	DDCG1	BP022138.D	Bis(2-Chloroethyl)ether-d8	40	19.65	49		10	150
			2-Chlorophenol-d4	40	23.07	58		15	120
			4-Methylphenol-d8	40	23.24	58		10	140
			Nitrobenzene-d5	40	23.44	59		10	135
			2-Nitrophenol-d4	40	25.91	65		10	120
			2,4-Dichlorophenol-d3	40	23.29	58		10	140
			4-Chloroaniline-d4	40	19.83	50		1	145
			Dimethylphthalate-d6	40	24.19	60		10	145
			Acenaphthylene-d8	40	25.11	63		15	120
			4-Nitrophenol-d4	40	21.80	54		10	150
			Fluorene-d10	40	24.04	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.67	52		10	130
			Anthracene-d10	40	24.99	62		10	150
			Pyrene-d10	40	27.28	68		10	130
			Benzo(a)pyrene-d12	40	25.24	63		10	140
P4021-02MS	DDCG1MS	BP022139.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	12.49	31		20	120
			Phenol-d5	40	19.34	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.36	46		10	150
			2-Chlorophenol-d4	40	21.33	53		15	120
			4-Methylphenol-d8	40	20.42	51		10	140
			Nitrobenzene-d5	40	21.48	54		10	135
			2-Nitrophenol-d4	40	23.31	58		10	120
			2,4-Dichlorophenol-d3	40	22.68	57		10	140
			4-Chloroaniline-d4	40	18.95	47		1	145
			Dimethylphthalate-d6	40	20.94	52		10	145
			Acenaphthylene-d8	40	21.33	53		15	120
			4-Nitrophenol-d4	40	20.10	50		10	150
			Fluorene-d10	40	20.67	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.08	55		10	130
			Anthracene-d10	40	20.97	52		10	150
			Pyrene-d10	40	22.75	57		10	130
P4021-03MSD	DDCG1MSD	BP022140.D	Benzo(a)pyrene-d12	40	22.19	55		10	140
			1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	12.86	32		20	120
			Phenol-d5	40	19.89	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.18	48		10	150
			2-Chlorophenol-d4	40	21.78	54		15	120
			4-Methylphenol-d8	40	20.86	52		10	140
			Nitrobenzene-d5	40	22.44	56		10	135
			2-Nitrophenol-d4	40	24.19	60		10	120
			2,4-Dichlorophenol-d3	40	23.29	58		10	140
			4-Chloroaniline-d4	40	19.67	49		1	145
			Dimethylphthalate-d6	40	21.74	54		10	145
			Acenaphthylene-d8	40	22.53	56		15	120
			4-Nitrophenol-d4	40	20.49	51		10	150
			Fluorene-d10	40	21.26	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.12	55		10	130
			Anthracene-d10	40	21.42	54		10	150

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4021-03MSD	DDCG1MSD	BP022140.D	Pyrene-d10	40	23.99	60		10	130
			Benzo(a)pyrene-d12	40	22.27	56		10	140
PB163565BL	PB163565BL	BP022130.D	Pyridine-d5	40	22.23	56		20	120
			1,4-Dioxane-d8	8	4.72	59		15	120
			Phenol-d5	40	23.12	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.53	59		10	150
			2-Chlorophenol-d4	40	25.38	63		15	120
			4-Methylphenol-d8	40	23.51	59		10	140
			Nitrobenzene-d5	40	26.49	66		10	135
			2-Nitrophenol-d4	40	27.79	69		10	120
			2,4-Dichlorophenol-d3	40	24.25	61		10	140
			4-Chloroaniline-d4	40	24.46	61		1	145
			Dimethylphthalate-d6	40	25.34	63		10	145
			Acenaphthylene-d8	40	25.00	62		15	120
			4-Nitrophenol-d4	40	21.39	53		10	150
			Fluorene-d10	40	24.31	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.37	56		10	130
			Anthracene-d10	40	25.58	64		10	150
			Pyrene-d10	40	25.10	63		10	130
			Benzo(a)pyrene-d12	40	24.72	62		10	140
PB163565BS	PB163565BS	BP022141.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	19.28	48		20	120
			Phenol-d5	40	22.80	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.23	53		10	150
			2-Chlorophenol-d4	40	24.40	61		15	120
			4-Methylphenol-d8	40	22.46	56		10	140
			Nitrobenzene-d5	40	24.62	62		10	135
			2-Nitrophenol-d4	40	26.48	66		10	120
			2,4-Dichlorophenol-d3	40	24.55	61		10	140
			4-Chloroaniline-d4	40	21.58	54		1	145
			Dimethylphthalate-d6	40	23.38	58		10	145
			Acenaphthylene-d8	40	23.97	60		15	120
			4-Nitrophenol-d4	40	23.32	58		10	150
			Fluorene-d10	40	23.09	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.88	65		10	130
			Anthracene-d10	40	23.38	58		10	150
			Pyrene-d10	40	25.47	64		10	130
			Benzo(a)pyrene-d12	40	23.78	59		10	140

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4022-01DL	DDC37DL	BP022150.D	1,4-Dioxane-d8	8	53.70	671	*	15	120
			Pyridine-d5	40	133.80	335	*	20	120
			Phenol-d5	40	120.20	300	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	390.85	977	*	25	120
			2-Chlorophenol-d4	40	382.90	957	*	20	130
			4-Methylphenol-d8	40	275.80	689	*	25	125
			Nitrobenzene-d5	40	432.10	1080	*	20	125
			2-Nitrophenol-d4	40	474.95	1187	*	20	130
			2,4-Dichlorophenol-d3	40	430.00	1075	*	20	120
			4-Chloroaniline-d4	40	137.55	344	*	1	146
			Dimethylphthalate-d6	40	465.60	1164	*	25	130
			Acenaphthylene-d8	40	456.05	1140	*	10	130
			4-Nitrophenol-d4	40	135.95	340	*	10	150
			Fluorene-d10	40	456.35	1141	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	838.50	2096	*	10	130
			Anthracene-d10	40	491.75	1229	*	25	130
			Pyrene-d10	40	520.05	1300	*	15	130
			Benzo(a)pyrene-d12	40	480.75	1202	*	20	130
P4022-02DL	DDC70DL	BP022151.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.65	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	61.20	153	*	25	120
			2-Chlorophenol-d4	40	56.00	140	*	20	130
			4-Methylphenol-d8	40	40.80	102		25	125
			Nitrobenzene-d5	40	64.40	161	*	20	125
			2-Nitrophenol-d4	40	64.10	160	*	20	130
			2,4-Dichlorophenol-d3	40	58.30	146	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	69.45	174	*	25	130
			Acenaphthylene-d8	40	64.25	161	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	71.20	178	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	69.30	173	*	10	130
			Anthracene-d10	40	73.00	183	*	25	130
			Pyrene-d10	40	75.35	188	*	15	130
			Benzo(a)pyrene-d12	40	72.20	180	*	20	130
P4022-03MS	DDC70MS	BP022152.D	1,4-Dioxane-d8	8	2.11	26		15	120
			Pyridine-d5	40	6.49	16	*	20	120
			Phenol-d5	40	8.79	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.31	66		25	120
			2-Chlorophenol-d4	40	27.33	68		20	130
			4-Methylphenol-d8	40	19.47	49		25	125
			Nitrobenzene-d5	40	30.49	76		20	125
			2-Nitrophenol-d4	40	31.84	80		20	130
			2,4-Dichlorophenol-d3	40	30.40	76		20	120
			4-Chloroaniline-d4	40	10.88	27		1	146
			Dimethylphthalate-d6	40	30.30	76		25	130
			Acenaphthylene-d8	40	29.96	75		10	130
			4-Nitrophenol-d4	40	10.89	27		10	150

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4022-03MS	DDC70MS	BP022152.D	Fluorene-d10	40	30.03	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.67	92		10	130
			Anthracene-d10	40	32.35	81		25	130
			Pyrene-d10	40	33.59	84		15	130
			Benzo(a)pyrene-d12	40	31.85	80		20	130
P4022-05DL	DDC95DL	BP022153.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	18.75	47		20	120
			Phenol-d5	40	17.00	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	62.40	156	*	25	120
			2-Chlorophenol-d4	40	57.85	145	*	20	130
			4-Methylphenol-d8	40	37.60	94		25	125
			Nitrobenzene-d5	40	60.25	151	*	20	125
			2-Nitrophenol-d4	40	60.85	152	*	20	130
			2,4-Dichlorophenol-d3	40	60.50	151	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	70.25	176	*	25	130
			Acenaphthylene-d8	40	66.15	165	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	68.95	172	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.70	79		10	130
			Anthracene-d10	40	73.10	183	*	25	130
			Pyrene-d10	40	74.15	185	*	15	130
			Benzo(a)pyrene-d12	40	71.05	178	*	20	130
PB163716BS	PB163716BS	BP022154.D	1,4-Dioxane-d8	8	6.20	78		15	120
			Pyridine-d5	40	28.91	72		20	120
			Phenol-d5	40	32.09	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.49	76		25	120
			2-Chlorophenol-d4	40	34.53	86		20	130
			4-Methylphenol-d8	40	32.21	81		25	125
			Nitrobenzene-d5	40	33.36	83		20	125
			2-Nitrophenol-d4	40	36.00	90		20	130
			2,4-Dichlorophenol-d3	40	34.67	87		20	120
			4-Chloroaniline-d4	40	30.27	76		1	146
			Dimethylphthalate-d6	40	31.10	78		25	130
			Acenaphthylene-d8	40	32.96	82		10	130
			4-Nitrophenol-d4	40	31.77	79		10	150
			Fluorene-d10	40	31.76	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.06	75		10	130
			Anthracene-d10	40	31.70	79		25	130
			Pyrene-d10	40	32.40	81		15	130
			Benzo(a)pyrene-d12	40	32.85	82		20	130

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4022-06DL	DDCD6DL	BP022145.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Pyridine-d5	40	9.29	23		20	120
			Phenol-d5	40	10.40	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.64	72		25	120
			2-Chlorophenol-d4	40	29.27	73		20	130
			4-Methylphenol-d8	40	22.67	57		25	125
			Nitrobenzene-d5	40	34.27	86		20	125
			2-Nitrophenol-d4	40	32.39	81		20	130
			2,4-Dichlorophenol-d3	40	32.00	80		20	120
			4-Chloroaniline-d4	40	11.87	30		1	146
			Dimethylphthalate-d6	40	34.67	87		25	130
			Acenaphthylene-d8	40	33.39	83		10	130
			4-Nitrophenol-d4	40	8.75	22		10	150
			Fluorene-d10	40	33.29	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.14	78		10	130
			Anthracene-d10	40	35.53	89		25	130
			Pyrene-d10	40	33.96	85		15	130
			Benzo(a)pyrene-d12	40	32.98	82		20	130
P4022-06DL2	DDCD6DL2	BP022146.D	1,4-Dioxane-d8	8	5.80	73		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.70	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.15	78		25	120
			2-Chlorophenol-d4	40	31.20	78		20	130
			4-Methylphenol-d8	40	20.05	50		25	125
			Nitrobenzene-d5	40	31.45	79		20	125
			2-Nitrophenol-d4	40	30.00	75		20	130
			2,4-Dichlorophenol-d3	40	28.05	70		20	120
			4-Chloroaniline-d4	40	10.55	26		1	146
			Dimethylphthalate-d6	40	36.70	92		25	130
			Acenaphthylene-d8	40	34.80	87		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	34.70	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	12.50	31		10	130
			Anthracene-d10	40	35.70	89		25	130
			Pyrene-d10	40	37.05	93		15	130
			Benzo(a)pyrene-d12	40	34.20	86		20	130
P4022-07DL	DDCA1DL	BP022147.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	5.09	13	*	20	120
			Phenol-d5	40	10.29	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.99	62		25	120
			2-Chlorophenol-d4	40	27.32	68		20	130
			4-Methylphenol-d8	40	20.91	52		25	125
			Nitrobenzene-d5	40	28.58	71		20	125
			2-Nitrophenol-d4	40	29.40	73		20	130
			2,4-Dichlorophenol-d3	40	29.74	74		20	120
			4-Chloroaniline-d4	40	6.58	16		1	146
			Dimethylphthalate-d6	40	30.99	77		25	130
			Acenaphthylene-d8	40	30.50	76		10	130
			4-Nitrophenol-d4	40	9.67	24		10	150

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4022-07DL	DDCA1DL	BP022147.D	Fluorene-d10	40	30.09	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.52	54		10	130
			Anthracene-d10	40	31.39	78		25	130
			Pyrene-d10	40	32.49	81		15	130
			Benzo(a)pyrene-d12	40	29.83	75		20	130
P4022-07DL2	DDCA1DL2	BP022148.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.20	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.55	71		25	120
			2-Chlorophenol-d4	40	29.95	75		20	130
			4-Methylphenol-d8	40	20.05	50		25	125
			Nitrobenzene-d5	40	32.20	81		20	125
			2-Nitrophenol-d4	40	26.25	66		20	130
			2,4-Dichlorophenol-d3	40	28.50	71		20	120
			4-Chloroaniline-d4	40	8.05	20		1	146
			Dimethylphthalate-d6	40	35.55	89		25	130
			Acenaphthylene-d8	40	31.45	79		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	34.90	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.55	39		10	130
			Anthracene-d10	40	36.15	90		25	130
			Pyrene-d10	40	37.15	93		15	130
			Benzo(a)pyrene-d12	40	32.30	81		20	130
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4022-08DL	DDCA6DL	BP022149.D	Phenol-d5	40	8.55	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.65	64		25	120
			2-Chlorophenol-d4	40	23.65	59		20	130
			4-Methylphenol-d8	40	14.75	37		25	125
			Nitrobenzene-d5	40	27.00	68		20	125
			2-Nitrophenol-d4	40	24.70	62		20	130
			2,4-Dichlorophenol-d3	40	19.70	49		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	28.35	71		25	130
			Acenaphthylene-d8	40	26.05	65		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	28.65	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	32.70	82		25	130
			Pyrene-d10	40	30.45	76		15	130
			Benzo(a)pyrene-d12	40	29.40	74		20	130
PB163717BL	PB163717BL	BP022143.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Pyridine-d5	40	21.73	54		20	120
			Phenol-d5	40	25.43	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.10	60		25	120
			2-Chlorophenol-d4	40	27.21	68		20	130
			4-Methylphenol-d8	40	25.87	65		25	125
			Nitrobenzene-d5	40	27.27	68		20	125
			2-Nitrophenol-d4	40	29.43	74		20	130

Surrogate Summary

SW-846

SDG No.: BP100124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163717BL	PB163717BL	BP022143.D	2,4-Dichlorophenol-d3	40	26.57	66		20	120
			4-Chloroaniline-d4	40	25.69	64		1	146
			Dimethylphthalate-d6	40	26.21	66		25	130
			Acenaphthylene-d8	40	26.72	67		10	130
			4-Nitrophenol-d4	40	24.55	61		10	150
			Fluorene-d10	40	25.94	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.93	55		10	130
			Anthracene-d10	40	26.48	66		25	130
			Pyrene-d10	40	28.02	70		15	130
			Benzo(a)pyrene-d12	40	26.83	67		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP100124

Lab Code: CHEM

SAS No.: BP100124 SDG NO.: BP100124

Lab File ID: BP022128.D

DFTPP Injection Date: 10/01/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.3
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	34.2
365	Greater than 1% of mass 198	5.7
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.2 (19.5) 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
SSTD020779	SSTDCCC020	BP022129.D	10/01/2024	10:26
SBLK565	PB163565BL	BP022130.D	10/01/2024	11:06
C0AT8	P4010-01	BP022131.D	10/01/2024	11:47
C0AW6	P4010-02	BP022132.D	10/01/2024	12:27
C0AT9	P4010-05	BP022133.D	10/01/2024	13:08
C0AW0	P4010-06	BP022134.D	10/01/2024	13:48
C0AW1	P4010-07	BP022135.D	10/01/2024	14:29
C0AW9	P4010-08	BP022136.D	10/01/2024	15:10
C0AX0	P4010-09	BP022137.D	10/01/2024	15:50
DDCG1	P4021-01	BP022138.D	10/01/2024	16:31
DDCG1MS	P4021-02MS	BP022139.D	10/01/2024	17:12
DDCG1MSD	P4021-03MSD	BP022140.D	10/01/2024	17:53
SLCS565	PB163565BS	BP022141.D	10/01/2024	18:34
SSTD020780	SSTDCCC020	BP022142.D	10/01/2024	19:55
SBLK717	PB163717BL	BP022143.D	10/01/2024	20:36
C0AW0	P4010-06	BP022144.D	10/01/2024	21:17
DDCD6DL	P4022-06DL	BP022145.D	10/01/2024	21:58
DDCD6DL2	P4022-06DL2	BP022146.D	10/01/2024	22:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP100124

Lab Code: CHEM

SAS No.: BP100124

SDG NO.: BP100124

Lab File ID: BP022128.D

DFTPP Injection Date: 10/01/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.3
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	34.2
365	Greater than 1% of mass 198	5.7
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.2 (19.5) 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
DDCA1DL	P4022-07DL	BP022147.D	10/01/2024	23:19
DDCA1DL2	P4022-07DL2	BP022148.D	10/01/2024	23:59
DDCA6DL	P4022-08DL	BP022149.D	10/02/2024	00:40
DDC37DL	P4022-01DL	BP022150.D	10/02/2024	01:21
DDC70DL	P4022-02DL	BP022151.D	10/02/2024	02:01
DDC70MS	P4022-03MS	BP022152.D	10/02/2024	02:42
DDC95DL	P4022-05DL	BP022153.D	10/02/2024	03:22
SLCS716	PB163716BS	BP022154.D	10/02/2024	04:03
SSTD020781	SSTDCCC020EC	BP022155.D	10/02/2024	05:24