

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424
Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 10:29
Lab File ID: BP022349.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020799 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	0.480	0.010	-13.3186	40.0
Benzaldehyde	0.910	0.981	0.010	7.8539	40.0
Pyridine	1.449	1.304	0.010	-10.0131	40.0
Phenol	1.752	1.634	0.080	-6.6852	20.0
Bis(2-Chloroethyl)ether	1.311	1.271	0.100	-3.0775	20.0
2-Chlorophenol	1.235	1.224	0.200	-0.9213	20.0
2-Methylphenol	1.271	1.221	0.010	-3.932	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.396	0.010	-8.3465	40.0
Acetophenone	2.218	2.046	0.060	-7.7464	20.0
4-Methylphenol	1.410	1.317	0.010	-6.6092	20.0
N-Nitroso-di-n-propylamine	1.124	1.049	0.050	-6.6383	30.0
Hexachloroethane	0.575	0.566	0.100	-1.6211	20.0
Nitrobenzene	0.459	0.433	0.050	-5.7757	25.0
Isophorone	0.823	0.778	0.050	-5.5234	25.0
2-Nitrophenol	0.192	0.188	0.050	-1.8978	25.0
2,4-Dimethylphenol	0.417	0.395	0.050	-5.3792	25.0
Bis(2-Chloroethoxy)methane	0.467	0.444	0.050	-4.9181	20.0
2,4-Dichlorophenol	0.373	0.370	0.060	-0.5858	20.0
Naphthalene	1.065	1.042	0.200	-2.1991	20.0
4-Chloroaniline	0.441	0.417	0.010	-5.605	40.0
Hexachlorobutadiene	0.314	0.301	0.040	-4.1832	30.0
Caprolactam	0.120	0.114	0.010	-5.0735	40.0
4-Chloro-3-methylphenol	0.407	0.391	0.040	-3.8344	25.0
1-Methylnaphthalene	0.798	0.787	0.100	-1.4336	20.0
2-Methylnaphthalene	0.782	0.759	0.100	-2.9495	20.0
Hexachlorocyclopentadiene	0.451	0.362	0.010	-19.7442	40.0
2,4,6-Trichlorophenol	0.465	0.455	0.090	-2.2383	25.0
2,4,5-Trichlorophenol	0.495	0.495	0.100	-0.1254	25.0
1,1-Biphenyl	1.442	1.378	0.200	-4.3949	20.0
2-Chloronaphthalene	1.180	1.169	0.300	-0.9604	20.0
2-Nitroaniline	0.352	0.333	0.050	-5.3727	40.0
Dimethylphthalate	1.583	1.480	0.300	-6.5543	20.0
2,6-Dinitrotoluene	0.299	0.307	0.080	2.594	30.0
Acenaphthylene	1.752	1.794	0.400	2.3976	20.0
3-Nitroaniline	0.281	0.283	0.010	0.6648	40.0
Acenaphthene	1.239	1.192	0.200	-3.7456	20.0
2,4-Dinitrophenol	0.220	0.222	0.010	0.6537	40.0
4-Nitrophenol	0.296	0.291	0.010	-1.7081	40.0
Dibenzofuran	1.861	1.778	0.300	-4.4237	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 10:29

Lab File ID: BP022349.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020799 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.472	0.070	1.4079	30.0
Diethylphthalate	1.519	1.433	0.300	-5.6831	20.0
Fluorene	1.516	1.499	0.200	-1.0911	20.0
4-Chlorophenyl-phenylether	0.867	0.848	0.100	-2.1287	20.0
4-Nitroaniline	0.283	0.302	0.010	6.6916	40.0
4,6-Dinitro-2-methylphenol	0.142	0.128	0.010	-9.8483	40.0
N-Nitrosodiphenylamine	0.536	0.506	0.050	-5.5678	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.723	0.100	-2.2956	20.0
4-Bromophenyl-phenylether	0.241	0.233	0.070	-3.2533	20.0
Hexachlorobenzene	0.297	0.294	0.050	-0.9819	25.0
Atrazine	0.223	0.200	0.010	-10.1897	25.0
Pentachlorophenol	0.191	0.189	0.010	-0.8376	40.0
Phenanthrene	1.070	1.032	0.200	-3.56	20.0
Pentachlorobenzene	0.337	0.317	0.050	-5.7031	20.0
Anthracene	1.068	1.065	0.200	-0.218	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.279	0.050	-8.3956	20.0
Carbazole	0.945	0.924	0.050	-2.1999	40.0
Di-n-butylphthalate	1.045	0.990	0.500	-5.2843	25.0
Fluoranthene	1.216	1.264	0.400	3.9699	25.0
Pyrene	1.303	1.310	0.400	0.5377	25.0
Butylbenzylphthalate	0.454	0.452	0.100	-0.4647	40.0
3,3-Dichlorobenzidine	0.477	0.467	0.010	-1.9794	40.0
Benzo (a) anthracene	1.402	1.360	0.300	-2.9899	30.0
Chrysene	1.300	1.251	0.200	-3.7745	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.635	0.200	-2.4537	40.0
Di-n-octyl phthalate	0.951	0.956	0.010	0.4917	40.0
Benzo (b) fluoranthene	1.259	1.216	0.200	-3.4191	25.0
Benzo (k) fluoranthene	1.233	1.218	0.200	-1.1527	25.0
Benzo (a) pyrene	1.159	1.138	0.200	-1.8101	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.436	0.200	-7.1045	25.0
Dibenzo (a,h) anthracene	1.252	1.189	0.200	-5.0348	30.0
Benzo (g,h,i) perylene	1.203	1.148	0.200	-4.557	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.466	0.040	0.8835	20.0
1,4-Dioxane-d8	0.515	0.438	0.010	-14.9617	25.0
Pyridine-d5	1.413	1.256	0.010	-11.1341	40.0
Phenol-d5	1.684	1.585	0.010	-5.8479	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.938	0.050	-5.2278	25.0
2-Chlorophenol-d4	1.195	1.211	0.200	1.3516	20.0
4-Methylphenol-d8	1.344	1.297	0.010	-3.438	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 10:29

Lab File ID: BP022349.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020799 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.153	0.050	-0.2266	20.0
2-Nitrophenol-d4	0.178	0.184	0.050	3.3452	30.0
2,4-Dichlorophenol-d3	0.378	0.379	0.060	0.2619	20.0
4-Chloroaniline-d4	0.447	0.425	0.010	-4.9286	40.0
Dimethylphthalate-d6	1.589	1.474	0.300	-7.2482	20.0
Acenaphthylene-d8	1.688	1.656	0.400	-1.8591	20.0
4-Nitrophenol-d4	0.267	0.255	0.010	-4.4347	40.0
Fluorene-d10	1.378	1.333	0.100	-3.2679	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.119	0.010	-9.6698	40.0
Anthracene-d10	0.941	0.928	0.300	-1.3234	20.0
Pyrene-d10	1.058	1.070	0.300	1.141	25.0
Benzo(a)pyrene-d12	1.068	1.014	0.010	-5.0936	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.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 17:20

Lab File ID: BP022359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020651 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	0.457	0.010	-17.4898	40.0
Benzaldehyde	0.910	0.990	0.010	8.8264	40.0
Pyridine	1.449	1.300	0.010	-10.2919	40.0
Phenol	1.752	1.654	0.080	-5.5882	20.0
Bis(2-Chloroethyl)ether	1.311	1.267	0.100	-3.3438	20.0
2-Chlorophenol	1.235	1.224	0.200	-0.8844	20.0
2-Methylphenol	1.271	1.227	0.010	-3.4689	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.377	0.010	-9.5903	40.0
Acetophenone	2.218	2.068	0.060	-6.7495	20.0
4-Methylphenol	1.410	1.308	0.010	-7.2676	20.0
N-Nitroso-di-n-propylamine	1.124	1.034	0.050	-8.0298	30.0
Hexachloroethane	0.575	0.545	0.100	-5.2889	20.0
Nitrobenzene	0.459	0.431	0.050	-6.1369	25.0
Isophorone	0.823	0.768	0.050	-6.6416	25.0
2-Nitrophenol	0.192	0.191	0.050	-0.4052	25.0
2,4-Dimethylphenol	0.417	0.397	0.050	-4.9225	25.0
Bis(2-Chloroethoxy)methane	0.467	0.437	0.050	-6.4694	20.0
2,4-Dichlorophenol	0.373	0.365	0.060	-2.1106	20.0
Naphthalene	1.065	1.042	0.200	-2.1673	20.0
4-Chloroaniline	0.441	0.423	0.010	-4.173	40.0
Hexachlorobutadiene	0.314	0.295	0.040	-6.1557	30.0
Caprolactam	0.120	0.113	0.010	-6.2679	40.0
4-Chloro-3-methylphenol	0.407	0.396	0.040	-2.5083	25.0
1-Methylnaphthalene	0.798	0.785	0.100	-1.6152	20.0
2-Methylnaphthalene	0.782	0.756	0.100	-3.3296	20.0
Hexachlorocyclopentadiene	0.451	0.316	0.010	-29.9298	40.0
2,4,6-Trichlorophenol	0.465	0.448	0.090	-3.7453	25.0
2,4,5-Trichlorophenol	0.495	0.495	0.100	-0.1194	25.0
1,1-Biphenyl	1.442	1.382	0.200	-4.1104	20.0
2-Chloronaphthalene	1.180	1.164	0.300	-1.3938	20.0
2-Nitroaniline	0.352	0.321	0.050	-8.8386	40.0
Dimethylphthalate	1.583	1.458	0.300	-7.9193	20.0
2,6-Dinitrotoluene	0.299	0.306	0.080	2.2183	30.0
Acenaphthylene	1.752	1.802	0.400	2.885	20.0
3-Nitroaniline	0.281	0.283	0.010	0.6004	40.0
Acenaphthene	1.239	1.182	0.200	-4.6077	20.0
2,4-Dinitrophenol	0.220	0.227	0.010	3.2118	40.0
4-Nitrophenol	0.296	0.288	0.010	-2.5698	40.0
Dibenzofuran	1.861	1.788	0.300	-3.8834	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 17:20

Lab File ID: BP022359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020651 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.466	0.070	0.0718	30.0
Diethylphthalate	1.519	1.408	0.300	-7.3291	20.0
Fluorene	1.516	1.477	0.200	-2.597	20.0
4-Chlorophenyl-phenylether	0.867	0.833	0.100	-3.8678	20.0
4-Nitroaniline	0.283	0.318	0.010	12.3968	40.0
4,6-Dinitro-2-methylphenol	0.142	0.129	0.010	-8.625	40.0
N-Nitrosodiphenylamine	0.536	0.503	0.050	-6.0526	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.710	0.100	-4.0457	20.0
4-Bromophenyl-phenylether	0.241	0.233	0.070	-3.5444	20.0
Hexachlorobenzene	0.297	0.287	0.050	-3.1645	25.0
Atrazine	0.223	0.197	0.010	-11.4461	25.0
Pentachlorophenol	0.191	0.184	0.010	-3.6003	40.0
Phenanthrene	1.070	1.030	0.200	-3.7772	20.0
Pentachlorobenzene	0.337	0.305	0.050	-9.4298	20.0
Anthracene	1.068	1.054	0.200	-1.3001	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.280	0.050	-8.1079	20.0
Carbazole	0.945	0.912	0.050	-3.494	40.0
Di-n-butylphthalate	1.045	0.996	0.500	-4.7079	25.0
Fluoranthene	1.216	1.286	0.400	5.8073	25.0
Pyrene	1.303	1.338	0.400	2.665	25.0
Butylbenzylphthalate	0.454	0.454	0.100	0.0832	40.0
3,3-Dichlorobenzidine	0.477	0.490	0.010	2.6851	40.0
Benzo (a) anthracene	1.402	1.361	0.300	-2.8986	30.0
Chrysene	1.300	1.254	0.200	-3.504	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.634	0.200	-2.6502	40.0
Di-n-octyl phthalate	0.951	0.954	0.010	0.3224	40.0
Benzo (b) fluoranthene	1.259	1.225	0.200	-2.686	25.0
Benzo (k) fluoranthene	1.233	1.206	0.200	-2.1394	25.0
Benzo (a) pyrene	1.159	1.124	0.200	-2.9639	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.416	0.200	-8.4272	25.0
Dibenzo (a,h) anthracene	1.252	1.165	0.200	-6.9201	30.0
Benzo (g,h,i) perylene	1.203	1.114	0.200	-7.4022	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.457	0.040	-1.1462	20.0
1,4-Dioxane-d8	0.515	0.417	0.010	-19.0309	25.0
Pyridine-d5	1.413	1.252	0.010	-11.3649	40.0
Phenol-d5	1.684	1.616	0.010	-4.0079	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.923	0.050	-6.7482	25.0
2-Chlorophenol-d4	1.195	1.216	0.200	1.7687	20.0
4-Methylphenol-d8	1.344	1.305	0.010	-2.8381	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/14/2024 : 17:20

Lab File ID: BP022359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020651 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.154	0.050	0.2972	20.0
2-Nitrophenol-d4	0.178	0.185	0.050	3.8304	30.0
2,4-Dichlorophenol-d3	0.378	0.383	0.060	1.1728	20.0
4-Chloroaniline-d4	0.447	0.431	0.010	-3.5746	40.0
Dimethylphthalate-d6	1.589	1.458	0.300	-8.229	20.0
Acenaphthylene-d8	1.688	1.665	0.400	-1.3595	20.0
4-Nitrophenol-d4	0.267	0.261	0.010	-2.0704	40.0
Fluorene-d10	1.378	1.335	0.100	-3.1522	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.120	0.010	-8.4623	40.0
Anthracene-d10	0.941	0.923	0.300	-1.944	20.0
Pyrene-d10	1.058	1.092	0.300	3.2196	25.0
Benzo(a)pyrene-d12	1.068	1.004	0.010	-5.9652	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.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/15/2024 : 04:15

Lab File ID: BP022374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020652 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	0.475	0.010	-14.2488	40.0
Benzaldehyde	0.910	1.023	0.010	12.4066	40.0
Pyridine	1.449	1.268	0.010	-12.4749	40.0
Phenol	1.752	1.652	0.080	-5.6994	20.0
Bis(2-Chloroethyl)ether	1.311	1.278	0.100	-2.5354	20.0
2-Chlorophenol	1.235	1.235	0.200	-0.0437	20.0
2-Methylphenol	1.271	1.263	0.010	-0.6235	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.412	0.010	-7.3415	40.0
Acetophenone	2.218	2.150	0.060	-3.0724	20.0
4-Methylphenol	1.410	1.354	0.010	-3.9715	20.0
N-Nitroso-di-n-propylamine	1.124	1.113	0.050	-0.987	30.0
Hexachloroethane	0.575	0.571	0.100	-0.708	20.0
Nitrobenzene	0.459	0.435	0.050	-5.2382	25.0
Isophorone	0.823	0.788	0.050	-4.2443	25.0
2-Nitrophenol	0.192	0.193	0.050	0.4215	25.0
2,4-Dimethylphenol	0.417	0.403	0.050	-3.2852	25.0
Bis(2-Chloroethoxy)methane	0.467	0.442	0.050	-5.49	20.0
2,4-Dichlorophenol	0.373	0.375	0.060	0.7085	20.0
Naphthalene	1.065	1.031	0.200	-3.2533	20.0
4-Chloroaniline	0.441	0.422	0.010	-4.3477	40.0
Hexachlorobutadiene	0.314	0.305	0.040	-2.9091	30.0
Caprolactam	0.120	0.120	0.010	-0.1109	40.0
4-Chloro-3-methylphenol	0.407	0.420	0.040	3.2001	25.0
1-Methylnaphthalene	0.798	0.800	0.100	0.2915	20.0
2-Methylnaphthalene	0.782	0.774	0.100	-0.9627	20.0
Hexachlorocyclopentadiene	0.451	0.376	0.010	-16.5129	40.0
2,4,6-Trichlorophenol	0.465	0.467	0.090	0.2889	25.0
2,4,5-Trichlorophenol	0.495	0.495	0.100	0.0186	25.0
1,1-Biphenyl	1.442	1.377	0.200	-4.4875	20.0
2-Chloronaphthalene	1.180	1.154	0.300	-2.1944	20.0
2-Nitroaniline	0.352	0.340	0.050	-3.5756	40.0
Dimethylphthalate	1.583	1.500	0.300	-5.2755	20.0
2,6-Dinitrotoluene	0.299	0.320	0.080	6.6944	30.0
Acenaphthylene	1.752	1.793	0.400	2.357	20.0
3-Nitroaniline	0.281	0.289	0.010	2.8314	40.0
Acenaphthene	1.239	1.189	0.200	-3.9996	20.0
2,4-Dinitrophenol	0.220	0.226	0.010	2.5098	40.0
4-Nitrophenol	0.296	0.315	0.010	6.6271	40.0
Dibenzofuran	1.861	1.816	0.300	-2.405	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424
Instrument ID: BNA_P Calibration Date/Time: 10/15/2024 : 04:15
Lab File ID: BP022374.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020652 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.494	0.070	6.1286	30.0
Diethylphthalate	1.519	1.457	0.300	-4.1131	20.0
Fluorene	1.516	1.509	0.200	-0.4356	20.0
4-Chlorophenyl-phenylether	0.867	0.852	0.100	-1.6891	20.0
4-Nitroaniline	0.283	0.325	0.010	14.8474	40.0
4,6-Dinitro-2-methylphenol	0.142	0.128	0.010	-9.7307	40.0
N-Nitrosodiphenylamine	0.536	0.504	0.050	-5.8757	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.716	0.100	-3.2036	20.0
4-Bromophenyl-phenylether	0.241	0.242	0.070	0.301	20.0
Hexachlorobenzene	0.297	0.305	0.050	2.6251	25.0
Atrazine	0.223	0.202	0.010	-9.4281	25.0
Pentachlorophenol	0.191	0.194	0.010	1.5622	40.0
Phenanthrene	1.070	1.036	0.200	-3.1354	20.0
Pentachlorobenzene	0.337	0.320	0.050	-4.9619	20.0
Anthracene	1.068	1.060	0.200	-0.7139	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.279	0.050	-8.4068	20.0
Carbazole	0.945	0.909	0.050	-3.8024	40.0
Di-n-butylphthalate	1.045	1.003	0.500	-4.0238	25.0
Fluoranthene	1.216	1.260	0.400	3.6457	25.0
Pyrene	1.303	1.289	0.400	-1.0902	25.0
Butylbenzylphthalate	0.454	0.443	0.100	-2.4183	40.0
3,3-Dichlorobenzidine	0.477	0.468	0.010	-1.7776	40.0
Benzo (a) anthracene	1.402	1.362	0.300	-2.8831	30.0
Chrysene	1.300	1.230	0.200	-5.4021	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.616	0.200	-5.43	40.0
Di-n-octyl phthalate	0.951	0.913	0.010	-4.0425	40.0
Benzo (b) fluoranthene	1.259	1.252	0.200	-0.5446	25.0
Benzo (k) fluoranthene	1.233	1.198	0.200	-2.7723	25.0
Benzo (a) pyrene	1.159	1.135	0.200	-2.0562	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.441	0.200	-6.7843	25.0
Dibenzo (a,h) anthracene	1.252	1.172	0.200	-6.4321	30.0
Benzo (g,h,i) perylene	1.203	1.159	0.200	-3.6297	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.487	0.040	5.331	20.0
1,4-Dioxane-d8	0.515	0.406	0.010	-21.081	25.0
Pyridine-d5	1.413	1.236	0.010	-12.5275	40.0
Phenol-d5	1.684	1.614	0.010	-4.149	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.916	0.050	-7.463	25.0
2-Chlorophenol-d4	1.195	1.228	0.200	2.8078	20.0
4-Methylphenol-d8	1.344	1.339	0.010	-0.3248	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG No.: BP101424

Instrument ID: BNA_P Calibration Date/Time: 10/15/2024 : 04:15

Lab File ID: BP022374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020652 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	2.3523	20.0
2-Nitrophenol-d4	0.178	0.185	0.050	3.8477	30.0
2,4-Dichlorophenol-d3	0.378	0.396	0.060	4.7688	20.0
4-Chloroaniline-d4	0.447	0.433	0.010	-3.1203	40.0
Dimethylphthalate-d6	1.589	1.506	0.300	-5.2057	20.0
Acenaphthylene-d8	1.688	1.688	0.400	0.0123	20.0
4-Nitrophenol-d4	0.267	0.262	0.010	-1.6061	40.0
Fluorene-d10	1.378	1.371	0.100	-0.5029	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.119	0.010	-9.2373	40.0
Anthracene-d10	0.941	0.929	0.300	-1.2936	20.0
Pyrene-d10	1.058	1.067	0.300	0.8656	25.0
Benzo(a)pyrene-d12	1.068	1.024	0.010	-4.1092	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022350.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022350.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022350.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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	4.101		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	20.207		20-120		51	SPK: -40
4165-62-2	Phenol-d5	21.381		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.085		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.495		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.124		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.881		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.769		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.579		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.116		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.73		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.037		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.494		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	23.662		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022350.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.889		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	23.72		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.487		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.276		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125399	7.699				
1146-65-2	Naphthalene-d8	467906	10.463				
15067-26-2	Acenaphthene-d10	370195	14.322				
1517-22-2	Phenanthrene-d10	943289	17.116				
1719-03-5	Chrysene-d12	1055167	21.557				
1520-96-3	Perylene-d12	1159294	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SBLK924	SDG No.:	BP101424
Lab Sample ID:	PB163924BL	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
BP022351.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SBLK924	SDG No.:	BP101424
Lab Sample ID:	PB163924BL	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
BP022351.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SBLK924	SDG No.:	BP101424
Lab Sample ID:	PB163924BL	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
BP022351.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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	4.023		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	21.874		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.33		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.368		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.06		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.523		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.513		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.999		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.894		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.073		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.447		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.224		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.677		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.955		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SBLK924	SDG No.:	BP101424
Lab Sample ID:	PB163924BL	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
BP022351.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.246		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	25.51		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.189		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.598		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117739	7.705				
1146-65-2	Naphthalene-d8	457238	10.463				
15067-26-2	Acenaphthene-d10	370141	14.328				
1517-22-2	Phenanthrene-d10	928722	17.116				
1719-03-5	Chrysene-d12	983388	21.551				
1520-96-3	Perylene-d12	1132223	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5	SDG No.:	BP101424
Lab Sample ID:	P4264-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022352.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	79	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.4	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.4	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.4	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	22000	E	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	3000		39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	6300	E	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5	SDG No.:	BP101424
Lab Sample ID:	P4264-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022352.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.7	200	ug/Kg
208-96-8	Acenaphthylene	240		38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98.4	390	ug/Kg
83-32-9	Acenaphthene	5200	E	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.4	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	4700	E	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	1200		88	98.4	390	ug/Kg
85-01-8	Phenanthrene	14000	E	35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	1600		30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	6500	E	64	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5	SDG No.:	BP101424
Lab Sample ID:	P4264-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022352.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100	E	58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	1100		32	50.7	200	ug/Kg
218-01-9	Chrysene	920		37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	320		38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87	J	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85	J	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.991		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	15.976		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.204		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.242		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.458		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.073		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.252		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.219		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.044		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.101		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.69		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	19.522		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.267		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.936		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5	SDG No.:	BP101424
Lab Sample ID:	P4264-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022352.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.765		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	19.741		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.975		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.308		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109238	7.699				
1146-65-2	Naphthalene-d8	421913	10.469				
15067-26-2	Acenaphthene-d10	339465	14.316				
1517-22-2	Phenanthrene-d10	862773	17.122				
1719-03-5	Chrysene-d12	1037700	21.569				
1520-96-3	Perylene-d12	1262921	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	590	J			8.063	
010147-11-2	1-Propyne, 3-phenyl-	750	J			8.228	
000824-90-8	1-Phenyl-1-butene	300	J			9.863	
000092-52-4	Biphenyl	1400	J			13.134	
001127-76-0	Naphthalene, 1-ethyl-	570	J			13.334	
000575-43-9	Naphthalene, 1,6-dimethyl-	700	J			13.463	
000581-40-8	Naphthalene, 2,3-dimethyl-	1100	J			13.628	
000571-58-4	Naphthalene, 1,4-dimethyl-	410	J			13.869	
000613-46-7	2-Naphthalenecarbonitrile	310	J			14.451	
002489-86-3	Naphthalene, 1-(2-propenyl)-	250	J			14.622	
000132-64-9	Dibenzo furan	5000	J			14.728	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	230	J			14.798	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	290	J			14.934	
000954-21-2	Nordiphenamid	690	J			15.54	
000101-81-5	Diphenylmethane	360	J			15.628	
007320-53-8	Dibenzofuran, 4-methyl-	1100	J			15.681	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	980	J			15.834	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5	SDG No.:	BP101424
Lab Sample ID:	P4264-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022352.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000529-05-5	Chamazulene	270	J			16.069	
001430-97-3	9H-Fluorene, 2-methyl-	660	J			16.41	
002523-39-9	9H-Fluorene, 3-methyl-	210	J			16.557	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	430	J			16.863	
000132-65-0	Dibenzothiophene	1200	J			16.928	
000086-74-8	Carba zole	1000	J			17.545	
002531-84-2	Phenanthrene, 2-methyl-	960	J			18.022	
000832-69-9	Phenanthrene, 1-methyl-	1400	J			18.069	
000610-48-0	Anthracene, 1-methyl-	470	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1900	J			18.233	
000613-12-7	Anthracene, 2-methyl-	360	J			18.275	
000612-94-2	Naphthalene, 2-phenyl-	680	J			18.551	
003674-66-6	Phenanthrene, 2,5-dimethyl-	340	J			18.986	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6	SDG No.:	BP101424
Lab Sample ID:	P4264-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022353.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	79	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.2	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	98.2	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.2	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.6	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.6	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.6	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.6	200	ug/Kg
91-20-3	Naphthalene	64000	E	30	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.6	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	17000	E	39	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	33000	E	27	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6	SDG No.:	BP101424
Lab Sample ID:	P4264-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022353.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.6	200	ug/Kg
208-96-8	Acenaphthylene	540		38	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98.2	390	ug/Kg
83-32-9	Acenaphthene	17000	E	35	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.2	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.6	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.6	200	ug/Kg
86-73-7	Fluorene	16000	E	30	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.6	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	2200		88	98.2	390	ug/Kg
85-01-8	Phenanthrene	35000	E	35	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.6	200	ug/Kg
120-12-7	Anthracene	6700	E	30	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.6	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.6	200	ug/Kg
206-44-0	Fluoranthene	19000	E	64	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6	SDG No.:	BP101424
Lab Sample ID:	P4264-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	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
BP022353.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000	E	58	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	6500	E	32	50.6	200	ug/Kg
218-01-9	Chrysene	5300	E	37	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	3300	E	39	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		45	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	1100		38	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		37	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		33	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	J	31	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.168		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.151		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.48		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.749		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	9.6		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	14.206		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.502		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.832		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.445		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.63		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.983		15-120		25	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.249		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	10.48		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6	SDG No.:	BP101424
Lab Sample ID:	P4264-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022353.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.563	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	10.778		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	10.505		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.932		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142650	7.699				
1146-65-2	Naphthalene-d8	432552	10.481				
15067-26-2	Acenaphthene-d10	443649	14.328				
1517-22-2	Phenanthrene-d10	900448	17.151				
1719-03-5	Chrysene-d12	993855	21.58				
1520-96-3	Perylene-d12	1238795	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	7200	J			3.028	
000930-68-7	2-Cyclohexen-1-one	810	J			6.357	
000496-11-7	Indane	790	J			8.069	
000092-52-4	Biphenyl	1400	J			13.151	
001127-76-0	Naphthalene, 1-ethyl-	610	J			13.339	
000575-43-9	Naphthalene, 1,6-dimethyl-	640	J			13.481	
000582-16-1	Naphthalene, 2,7-dimethyl-	650	J			13.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	1200	J			13.645	
000575-37-1	Naphthalene, 1,7-dimethyl-	460	J			13.881	
000581-42-0	Naphthalene, 2,6-dimethyl-	130	J			13.91	
000613-46-7	2-Naphthalenecarbonitrile	270	J			14.457	
002489-86-3	Naphthalene, 1-(2-propenyl)-	230	J			14.639	
000132-64-9	Dibenzo furan	4400	J			14.739	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	270	J			14.804	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	270	J			14.951	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	210	J			15.004	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	220	J			15.116	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6	SDG No.:	BP101424
Lab Sample ID:	P4264-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022353.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	160	J			15.61	
000101-81-5	Diphenylmethane	370	J			15.651	
007320-53-8	Dibenzofuran, 4-methyl-	1000	J			15.692	
000832-69-9	Phenanthrene, 1-methyl-	100	J			18.098	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.239	
000205-39-0	Benzo(b)naphtho(1,2-d)furan	140	J			19.833	
002381-21-7	Pyrene, 1-methyl-	210	J			19.986	
001015-89-0	6(5H)-Phenanthridinone	140	J			20.121	
000243-17-4	11H-Benzo[b]fluorene	280	J			20.163	
000238-84-6	11H-Benzo[a]fluorene	250	J			20.269	
003442-78-2	Pyrene, 2-methyl-	180	J			20.327	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			21.127	
000192-97-2	Benzo[e]pyrene	520	J			24.58	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7	SDG No.:	BP101424
Lab Sample ID:	P4264-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022354.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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	54	U	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	52.9	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	52.9	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.9	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	52.9	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.9	210	ug/Kg
91-20-3	Naphthalene	84000	E	31	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.9	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	24000	E	41	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	24000	E	29	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7	SDG No.:	BP101424
Lab Sample ID:	P4264-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022354.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.9	210	ug/Kg
208-96-8	Acenaphthylene	520		40	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	14000	E	36	52.9	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	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	52.9	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.9	210	ug/Kg
86-73-7	Fluorene	12000	E	31	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	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	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.9	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	41000	E	36	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.9	210	ug/Kg
120-12-7	Anthracene	6000	E	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.9	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.9	210	ug/Kg
206-44-0	Fluoranthene	22000	E	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7	SDG No.:	BP101424
Lab Sample ID:	P4264-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022354.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17000	E	61	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	8000	E	34	52.9	210	ug/Kg
218-01-9	Chrysene	6500	E	39	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	E	41	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		40	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610		39	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290		35	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	J	32	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.76		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	1.428	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	14.592		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.188		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.874		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	12.609		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	29.197		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.291		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.261		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.341		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.571		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.992		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.087		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	16.394		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7	SDG No.:	BP101424
Lab Sample ID:	P4264-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022354.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.592		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	17.836		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	17.737		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.716		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145013	7.699				
1146-65-2	Naphthalene-d8	351028	10.469				
15067-26-2	Acenaphthene-d10	465201	14.322				
1517-22-2	Phenanthrene-d10	895926	17.145				
1719-03-5	Chrysene-d12	981458	21.586				
1520-96-3	Perylene-d12	1216817	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	9700	J			3.034	
000930-68-7	2-Cyclohexen-1-one	1100	J			6.358	
000496-11-7	Indane	830	J			8.063	
000092-52-4	Biphenyl	1500	J			13.146	
001127-76-0	Naphthalene, 1-ethyl-	650	J			13.34	
000575-43-9	Naphthalene, 1,6-dimethyl-	850	J			13.481	
000581-42-0	Naphthalene, 2,6-dimethyl-	560	J			13.504	
000581-40-8	Naphthalene, 2,3-dimethyl-	1300	J			13.64	
000575-37-1	Naphthalene, 1,7-dimethyl-	520	J			13.881	
000571-61-9	Naphthalene, 1,5-dimethyl-	120	J			13.91	
000613-46-7	2-Naphthalenecarbonitrile	280	J			14.457	
001855-47-6	1-Isopropenylnaphthalene	170	J			14.64	
000132-64-9	Dibenzo furan	4200	J			14.745	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	290	J			14.804	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	280	J			14.957	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	240	J			15.004	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	260	J			15.122	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7	SDG No.:	BP101424
Lab Sample ID:	P4264-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022354.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000644-08-6	1,1-Biphenyl, 4-methyl-	250	J			15.651	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1200	J			15.698	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.245	
000205-39-0	Benzo(b)naphtho(1,2-d)furan	120	J			19.727	
000200-23-7	Benzo[k]xanthene	180	J			19.839	
002381-21-7	Pyrene, 1-methyl-	140	J			19.986	
000243-17-4	11H-Benzo[b]fluorene	240	J			20.169	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.275	
003442-78-2	Pyrene, 2-methyl-	190	J			20.333	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			21.145	
000195-19-7	Benzo[c]phenanthrene	140	J			21.186	
027208-37-3	Cyclopenta[cd]pyrene	150	J			21.233	
000198-55-0	Perylene	930	J			24.58	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BP101424
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.8
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
BP022355.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	90	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	58	U	58	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.3	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	440	ug/Kg
98-86-2	Acetophenone	54	U	54	110	440	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.3	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.3	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.3	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.3	230	ug/Kg
91-20-3	Naphthalene	130	J	34	57.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57.3	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	85	J	44	57.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	31	57.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BP101424
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.8
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
BP022355.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.3	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57.3	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57.3	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.3	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	440	ug/Kg
83-32-9	Acenaphthene	210	J	39	57.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	57.3	230	ug/Kg
86-73-7	Fluorene	270		34	57.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.3	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	57.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.3	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.3	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	440	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	440	ug/Kg
85-01-8	Phenanthrene	1600		39	57.3	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.3	230	ug/Kg
120-12-7	Anthracene	130	J	34	57.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	57.3	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57.3	230	ug/Kg
206-44-0	Fluoranthene	830		73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BP101424
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.8
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
BP022355.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		66	57.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	36	57.3	230	ug/Kg
218-01-9	Chrysene	110	J	42	57.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	J	44	57.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	57.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	57.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	12.389		20-120		31	SPK: -40
4165-62-2	Phenol-d5	17.154		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.454		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.212		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.559		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.587		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.516		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.752		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.365		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.762		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.535		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.739		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.981		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BP101424
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.8
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
BP022355.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.317		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	21.544		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.777		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.55		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120476	7.699				
1146-65-2	Naphthalene-d8	472090	10.463				
15067-26-2	Acenaphthene-d10	372661	14.316				
1517-22-2	Phenanthrene-d10	917176	17.116				
1719-03-5	Chrysene-d12	998758	21.563				
1520-96-3	Perylene-d12	1150712	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000132-64-9	Dibenzo furan	380	J			14.722	
000119-61-9	Benzophenone	490	J			15.698	
007320-53-8	Dibenzofuran, 4-methyl-	120	J			15.834	
000132-65-0	Dibenzothiophene	150	J			16.922	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.022	
000832-69-9	Phenanthrene, 1-methyl-	370	J			18.063	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			18.228	
018206-97-8	Octacosyl acetate	130	J			21.227	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9	SDG No.:	BP101424
Lab Sample ID:	P4264-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022356.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.6	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.6	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.6	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.7	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.7	190	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.7	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.7	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.7	190	ug/Kg
105-60-2	Caprolactam	83	U	83	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9	SDG No.:	BP101424
Lab Sample ID:	P4264-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022356.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.7	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.6	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.7	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.7	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.6	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.7	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.7	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9	SDG No.:	BP101424
Lab Sample ID:	P4264-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022356.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.7	190	ug/Kg
218-01-9	Chrysene	56	J	36	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	J	38	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.475		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	14.211		20-120		36	SPK: -40
4165-62-2	Phenol-d5	20.804		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.132		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.224		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.467		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.44		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.314		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.612		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.821		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.138		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.858		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.141		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	24.202		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9	SDG No.:	BP101424
Lab Sample ID:	P4264-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022356.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.228		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	24.52		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.31		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.335		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113951	7.699				
1146-65-2	Naphthalene-d8	431000	10.458				
15067-26-2	Acenaphthene-d10	327243	14.316				
1517-22-2	Phenanthrene-d10	825562	17.116				
1719-03-5	Chrysene-d12	931591	21.557				
1520-96-3	Perylene-d12	1104413	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.698	
000057-10-3	n-Hexadecanoic acid	220	J			18.051	
1000130-97-9	E-15-Heptadecenal	110	J			21.227	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MS	SDG No.:	BP101424
Lab Sample ID:	P4264-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.02 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
BP022357.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1200		52	94.9	380	ug/Kg
110-86-1	Pyridine	1000		38	190	380	ug/Kg
108-95-2	Phenol	1200		49	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		46	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	1300		26	48.9	200	ug/Kg
95-48-7	2-Methylphenol	1200		45	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		69	94.9	380	ug/Kg
98-86-2	Acetophenone	1200		46	94.9	380	ug/Kg
106-44-5	4-Methylphenol	1200		43	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		59	48.9	200	ug/Kg
67-72-1	Hexachloroethane	1200		21	48.9	200	ug/Kg
98-95-3	Nitrobenzene	1200		36	48.9	200	ug/Kg
78-59-1	Isophorone	1200		55	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	1300		36	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		29	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		49	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		18	48.9	200	ug/Kg
91-20-3	Naphthalene	1300		29	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	970		28	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	1200		51	48.9	200	ug/Kg
105-60-2	Caprolactam	1200		83	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		56	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	1200		38	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		26	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720		110	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		56	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		45	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MS	SDG No.:	BP101424
Lab Sample ID:	P4264-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.02 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
BP022357.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		28	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	1300		30	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	1200		47	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	1200		33	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		51	48.9	200	ug/Kg
208-96-8	Acenaphthylene	1300		37	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	1300		51	94.9	380	ug/Kg
83-32-9	Acenaphthene	1200		33	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		55	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	1200		51	94.9	380	ug/Kg
132-64-9	Dibenzofuran	1300		37	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		49	48.9	200	ug/Kg
84-66-2	Diethylphthalate	1200		34	48.9	200	ug/Kg
86-73-7	Fluorene	1300		29	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	1500		36	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		89	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		38	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		28	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		33	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	1300		37	48.9	200	ug/Kg
1912-24-9	Atrazine	900		82	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	1200		85	94.9	380	ug/Kg
85-01-8	Phenanthrene	1300		33	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	1200		60	48.9	200	ug/Kg
120-12-7	Anthracene	1300		29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		57	48.9	200	ug/Kg
86-74-8	Carbazole	1300		32	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	1200		70	48.9	200	ug/Kg
206-44-0	Fluoranthene	1400		62	94.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MS	SDG No.:	BP101424
Lab Sample ID:	P4264-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.02 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
BP022357.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		56	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	1300		97	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		55	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		31	48.9	200	ug/Kg
218-01-9	Chrysene	1400		36	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		110	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		87	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		38	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	1300		37	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		36	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		32	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		30	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		38	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.85		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	16.175		20-120		40	SPK: -40
4165-62-2	Phenol-d5	24.757		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.612		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.238		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.346		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.408		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.527		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.784		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.29		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.615		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.553		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.888		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.475		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MS	SDG No.:	BP101424
Lab Sample ID:	P4264-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.02 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
BP022357.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.65		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	26.115		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	27.422		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.547		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117079	7.699				
1146-65-2	Naphthalene-d8	446967	10.458				
15067-26-2	Acenaphthene-d10	354297	14.31				
1517-22-2	Phenanthrene-d10	880265	17.116				
1719-03-5	Chrysene-d12	934161	21.551				
1520-96-3	Perylene-d12	1111682	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MSD	SDG No.:	BP101424
Lab Sample ID:	P4264-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022358.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1100		52	94.8	380	ug/Kg
110-86-1	Pyridine	880		38	190	380	ug/Kg
108-95-2	Phenol	1100		49	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		46	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	1100		26	48.8	200	ug/Kg
95-48-7	2-Methylphenol	1100		45	94.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		69	94.8	380	ug/Kg
98-86-2	Acetophenone	1000		46	94.8	380	ug/Kg
106-44-5	4-Methylphenol	1000		43	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		59	48.8	200	ug/Kg
67-72-1	Hexachloroethane	1000		21	48.8	200	ug/Kg
98-95-3	Nitrobenzene	1000		36	48.8	200	ug/Kg
78-59-1	Isophorone	1000		55	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	1100		36	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	990		29	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		49	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		18	48.8	200	ug/Kg
91-20-3	Naphthalene	1100		29	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	810		28	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	1000		51	48.8	200	ug/Kg
105-60-2	Caprolactam	1100		83	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		56	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	1100		38	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	1100		26	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		110	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		56	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		45	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MSD	SDG No.:	BP101424
Lab Sample ID:	P4264-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022358.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		28	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	1100		30	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	1100		47	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	1000		33	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		51	48.8	200	ug/Kg
208-96-8	Acenaphthylene	1100		37	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	1100		51	94.8	380	ug/Kg
83-32-9	Acenaphthene	1100		33	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		55	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	1000		51	94.8	380	ug/Kg
132-64-9	Dibenzofuran	1100		37	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		49	48.8	200	ug/Kg
84-66-2	Diethylphthalate	1000		34	48.8	200	ug/Kg
86-73-7	Fluorene	1100		29	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	1300		36	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		88	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		38	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		28	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		33	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	1100		37	48.8	200	ug/Kg
1912-24-9	Atrazine	780		82	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	1100		85	94.8	380	ug/Kg
85-01-8	Phenanthrene	1100		33	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	1000		60	48.8	200	ug/Kg
120-12-7	Anthracene	1100		29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		57	48.8	200	ug/Kg
86-74-8	Carbazole	1100		32	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	1100		70	48.8	200	ug/Kg
206-44-0	Fluoranthene	1200		62	94.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MSD	SDG No.:	BP101424
Lab Sample ID:	P4264-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022358.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		56	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	1100		97	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		55	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	1100		31	48.8	200	ug/Kg
218-01-9	Chrysene	1100		36	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		110	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		87	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		38	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	1100		37	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		36	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		32	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		30	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		38	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	14.05		20-120		35	SPK: -40
4165-62-2	Phenol-d5	21.322		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.315		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.721		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.929		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.984		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.172		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.499		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.049		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.962		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.723		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.64		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.401		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN9MSD	SDG No.:	BP101424
Lab Sample ID:	P4264-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP022358.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.016		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	22.162		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.817		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.842		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156436	7.699				
1146-65-2	Naphthalene-d8	603631	10.457				
15067-26-2	Acenaphthene-d10	475340	14.316				
1517-22-2	Phenanthrene-d10	1169143	17.116				
1719-03-5	Chrysene-d12	1226029	21.563				
1520-96-3	Perylene-d12	1405063	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101424
Lab Sample ID:	PB163830BL	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
BP022360.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101424
Lab Sample ID:	PB163830BL	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
BP022360.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101424
Lab Sample ID:	PB163830BL	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
BP022360.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

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	3.894		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	20.834		20-120		52	SPK: -40
4165-62-2	Phenol-d5	22.303		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.141		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.344		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.084		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.838		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.896		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.426		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.339		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.97		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.53		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.606		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.928		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101424
Lab Sample ID:	PB163830BL	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
BP022360.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.873		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.117		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.507		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.448		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104173	7.698				
1146-65-2	Naphthalene-d8	389035	10.463				
15067-26-2	Acenaphthene-d10	297731	14.321				
1517-22-2	Phenanthrene-d10	750021	17.115				
1719-03-5	Chrysene-d12	806711	21.556				
1520-96-3	Perylene-d12	903992	24.844				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DCYO0	SDG No.:	BP101424
Lab Sample ID:	P4264-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022361.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	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	54	U	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	23	U	23	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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DCYO0	SDG No.:	BP101424
Lab Sample ID:	P4264-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022361.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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	33	U	33	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	38	U	38	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	93	U	93	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	63	U	63	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	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DCYO0	SDG No.:	BP101424
Lab Sample ID:	P4264-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1	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
BP022361.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

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	110	U	110	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	48	U	48	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	33	U	33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.093		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	9.532		20-120		24	SPK: -40
4165-62-2	Phenol-d5	13.315		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.812		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.285		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	14.946		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.827		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.554		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.396		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.369		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.459		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.964		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.258		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	17.687		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DCYO0	SDG No.:	BP101424
Lab Sample ID:	P4264-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022361.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.795		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	17.472		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.089		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.5		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102109	7.699				
1146-65-2	Naphthalene-d8	398422	10.451				
15067-26-2	Acenaphthene-d10	324760	14.316				
1517-22-2	Phenanthrene-d10	828618	17.122				
1719-03-5	Chrysene-d12	897999	21.563				
1520-96-3	Perylene-d12	1061461	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.704	
000057-10-3	n-Hexadecanoic acid	140	J			18.051	
959261-23-5	Heptafluorobutyric acid, pentadecy	95	J			21.227	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DCYO3	SDG No.:	BP101424
Lab Sample ID:	P4264-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
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
BP022362.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.3	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.3	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.3	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.3	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.3	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.3	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.3	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.3	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DCYO3	SDG No.:	BP101424
Lab Sample ID:	P4264-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
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
BP022362.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.3	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.3	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.3	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.3	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.3	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.3	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.3	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.3	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.3	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	54.3	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.3	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.3	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.3	220	ug/Kg
206-44-0	Fluoranthene	69	U	69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DCYO3	SDG No.:	BP101424
Lab Sample ID:	P4264-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
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
BP022362.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	U	63	54.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	54.3	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	54.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.423		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	10.347		20-120		26	SPK: -40
4165-62-2	Phenol-d5	14.194		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.219		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.637		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.802		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.185		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.056		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.219		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.813		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.32		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	16.029		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.944		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	16.232		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DCYO3	SDG No.:	BP101424
Lab Sample ID:	P4264-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22
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
BP022362.D	1	10/4/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.757		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	15.794		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	16.125		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113176	7.693				
1146-65-2	Naphthalene-d8	434498	10.452				
15067-26-2	Acenaphthene-d10	343202	14.316				
1517-22-2	Phenanthrene-d10	866036	17.116				
1719-03-5	Chrysene-d12	979735	21.551				
1520-96-3	Perylene-d12	1169956	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.698	
000057-10-3	n-Hexadecanoic acid	120	J			18.057	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101424
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
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
BP022363.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	11	110	ug/Kg
100-52-7	Benzaldehyde	75	U	75	140	550	ug/Kg
110-86-1	Pyridine	55	U	55	270	550	ug/Kg
108-95-2	Phenol	72	U	72	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	67	U	67	140	550	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	70.7	280	ug/Kg
95-48-7	2-Methylphenol	65	U	65	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	550	ug/Kg
98-86-2	Acetophenone	67	U	67	140	550	ug/Kg
106-44-5	4-Methylphenol	62	U	62	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	70.7	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	70.7	280	ug/Kg
98-95-3	Nitrobenzene	52	U	52	70.7	280	ug/Kg
78-59-1	Isophorone	80	U	80	70.7	280	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	70.7	280	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	70.7	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	70.7	280	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	70.7	280	ug/Kg
91-20-3	Naphthalene	42	U	42	70.7	280	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	70.7	550	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	70.7	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	70.7	280	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	70.7	280	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	70.7	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	70.7	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	70.7	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101424
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
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
BP022363.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	70.7	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	70.7	280	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	70.7	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	70.7	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	70.7	280	ug/Kg
208-96-8	Acenaphthylene	53	U	53	70.7	280	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	140	550	ug/Kg
83-32-9	Acenaphthene	48	U	48	70.7	280	ug/Kg
51-28-5	2,4-Dinitrophenol	80	U	80	140	550	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	140	550	ug/Kg
132-64-9	Dibenzofuran	53	U	53	70.7	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	72	U	72	70.7	280	ug/Kg
84-66-2	Diethylphthalate	50	U	50	70.7	280	ug/Kg
86-73-7	Fluorene	42	U	42	70.7	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	70.7	280	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	70.7	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	70.7	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	70.7	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	70.7	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	550	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	550	ug/Kg
85-01-8	Phenanthrene	340		48	70.7	280	ug/Kg
608-93-5	Pentachlorobenzene	87	U	87	70.7	280	ug/Kg
120-12-7	Anthracene	71	J	42	70.7	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	83	U	83	70.7	280	ug/Kg
86-74-8	Carbazole	47	U	47	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	70.7	280	ug/Kg
206-44-0	Fluoranthene	600		90	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101424
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
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
BP022363.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		82	70.7	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	70.7	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	45	70.7	280	ug/Kg
218-01-9	Chrysene	300		52	70.7	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	160	70.7	280	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		55	70.7	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	63	70.7	280	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	53	70.7	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	52	70.7	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	70.7	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	70.7	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	70.7	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.712		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.961	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.203		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.36		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.233		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	8.102		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	11.445		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.777		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.274		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.922		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.434		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.762		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.915		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	12.353		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101424
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
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
BP022363.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.193		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	11.943		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.976		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.282		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101999	7.699				
1146-65-2	Naphthalene-d8	382711	10.457				
15067-26-2	Acenaphthene-d10	302230	14.316				
1517-22-2	Phenanthrene-d10	760646	17.116				
1719-03-5	Chrysene-d12	862003	21.545				
1520-96-3	Perylene-d12	1026037	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.698	
000057-10-3	n-Hexadecanoic acid	230	J			18.051	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			21.21	
E966796	Total Alkanes	40	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:	A4F26	SDG No.:	BP101424
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
Sample Wt/Vol:	30.1	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
BP022364.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77.6	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	85	J	73	150	600	ug/Kg
106-44-5	4-Methylphenol	68	U	68	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	77.6	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77.6	310	ug/Kg
98-95-3	Nitrobenzene	57	U	57	77.6	310	ug/Kg
78-59-1	Isophorone	88	U	88	77.6	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.6	310	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	77.6	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	77.6	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77.6	310	ug/Kg
91-20-3	Naphthalene	46	U	46	77.6	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	77.6	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77.6	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	77.6	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77.6	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77.6	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	77.6	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77.6	310	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:	A4F26	SDG No.:	BP101424
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
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
BP022364.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	77.6	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	77.6	310	ug/Kg
88-74-4	2-Nitroaniline	75	U	75	77.6	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77.6	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77.6	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	77.6	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	53	U	53	77.6	310	ug/Kg
51-28-5	2,4-Dinitrophenol	88	U	88	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	77.6	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	77.6	310	ug/Kg
84-66-2	Diethylphthalate	55	U	55	77.6	310	ug/Kg
86-73-7	Fluorene	46	U	46	77.6	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	77.6	310	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77.6	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	77.6	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77.6	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	77.6	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	150	600	ug/Kg
85-01-8	Phenanthrene	53	U	53	77.6	310	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	77.6	310	ug/Kg
120-12-7	Anthracene	46	U	46	77.6	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77.6	310	ug/Kg
86-74-8	Carbazole	51	U	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77.6	310	ug/Kg
206-44-0	Fluoranthene	100	J	99	150	310	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:	A4F26	SDG No.:	BP101424
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
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
BP022364.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	89	U	89	77.6	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77.6	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	77.6	310	ug/Kg
218-01-9	Chrysene	57	U	57	77.6	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	77.6	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	77.6	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	77.6	310	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	77.6	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	77.6	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	77.6	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	77.6	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77.6	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.348		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.98		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.722		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.672		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	7.688		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	9.363		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.678		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.431		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.65		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.694		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.745		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.839		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	10.449		20-140		26	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:	A4F26	SDG No.:	BP101424
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
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
BP022364.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.023		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	10.128		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	10.48		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.072		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110733	7.699				
1146-65-2	Naphthalene-d8	427549	10.457				
15067-26-2	Acenaphthene-d10	337430	14.316				
1517-22-2	Phenanthrene-d10	825539	17.116				
1719-03-5	Chrysene-d12	845626	21.533				
1520-96-3	Perylene-d12	1007212	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.704	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	130	J			17.745	
000057-10-3	n-Hexadecanoic acid	130	J			18.057	
1010154-23-3	1-Propene, 3-(2-cyclopentenyl)-2-m	220	J			21.769	
131758-71-9	(2,3-Diphenylcyclopropyl)methyl ph	320	J			21.839	
1000120-80-7	Methadone N-oxide	140	J			21.939	
E966796	Total Alkanes	44	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:	A4F32	SDG No.:	BP101424
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022365.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.7	98	ug/Kg
100-52-7	Benzaldehyde	66	U	66	120	480	ug/Kg
110-86-1	Pyridine	48	U	48	240	480	ug/Kg
108-95-2	Phenol	63	U	63	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	480	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	62.4	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	120	480	ug/Kg
98-86-2	Acetophenone	59	U	59	120	480	ug/Kg
106-44-5	4-Methylphenol	54	U	54	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.4	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	62.4	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	62.4	250	ug/Kg
78-59-1	Isophorone	70	U	70	62.4	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	62.4	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.4	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	62.4	250	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	62.4	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.4	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.4	480	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	62.4	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.4	250	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	62.4	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.4	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.4	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	62.4	250	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:	A4F32	SDG No.:	BP101424
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022365.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.4	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.4	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	62.4	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	62.4	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	62.4	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	62.4	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	480	ug/Kg
83-32-9	Acenaphthene	43	U	43	62.4	250	ug/Kg
51-28-5	2,4-Dinitrophenol	70	U	70	120	480	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	480	ug/Kg
132-64-9	Dibenzofuran	47	U	47	62.4	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	62.4	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.4	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.4	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.4	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	62.4	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.4	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	62.4	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.4	250	ug/Kg
1912-24-9	Atrazine	100	U	100	120	480	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	480	ug/Kg
85-01-8	Phenanthrene	43	U	43	62.4	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	62.4	250	ug/Kg
120-12-7	Anthracene	37	U	37	62.4	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	73	U	73	62.4	250	ug/Kg
86-74-8	Carbazole	41	U	41	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	62.4	250	ug/Kg
206-44-0	Fluoranthene	79	U	79	120	250	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:	A4F32	SDG No.:	BP101424
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
Sample Wt/Vol:	30	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
BP022365.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	U	72	62.4	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.4	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	62.4	250	ug/Kg
218-01-9	Chrysene	46	U	46	62.4	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	62.4	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	62.4	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	62.4	250	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	62.4	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	62.4	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	62.4	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.4	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	62.4	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.696		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	19.889		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.969		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.382		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.783		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.153		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.734		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.251		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.662		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.27		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.689		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.381		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.104		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.582		20-140		71	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:	A4F32	SDG No.:	BP101424
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022365.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.348		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	27.876		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.177		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.69		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100543	7.698				
1146-65-2	Naphthalene-d8	386860	10.457				
15067-26-2	Acenaphthene-d10	306804	14.31				
1517-22-2	Phenanthrene-d10	775219	17.104				
1719-03-5	Chrysene-d12	811887	21.545				
1520-96-3	Perylene-d12	980996	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	390	J			15.686	
000057-10-3	n-Hexadecanoic acid	160	J			18.039	
	(DEL) Alkane: Straight-Chain	21.215	J			21.215	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101424
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022366.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.7	98	ug/Kg
100-52-7	Benzaldehyde	66	U	66	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	240	490	ug/Kg
108-95-2	Phenol	63	U	63	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	490	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	62.5	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	54	U	54	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.5	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	62.5	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	62.5	250	ug/Kg
78-59-1	Isophorone	71	U	71	62.5	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	62.5	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.5	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	62.5	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	62.5	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.5	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.5	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	62.5	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.5	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	62.5	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.5	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.5	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	62.5	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101424
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022366.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.5	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.5	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	62.5	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	62.5	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	62.5	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	62.5	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	62.5	250	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	120	490	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	490	ug/Kg
132-64-9	Dibenzofuran	47	U	47	62.5	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	62.5	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.5	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.5	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.5	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	62.5	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.5	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	62.5	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.5	250	ug/Kg
1912-24-9	Atrazine	100	U	100	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	43	U	43	62.5	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	62.5	250	ug/Kg
120-12-7	Anthracene	37	U	37	62.5	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	62.5	250	ug/Kg
86-74-8	Carbazole	41	U	41	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	62.5	250	ug/Kg
206-44-0	Fluoranthene	79	U	79	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101424
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022366.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	U	72	62.5	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.5	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	62.5	250	ug/Kg
218-01-9	Chrysene	46	U	46	62.5	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	62.5	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	62.5	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	62.5	250	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	62.5	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	62.5	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	62.5	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.5	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	62.5	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.113		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	20.205		20-120		51	SPK: -40
4165-62-2	Phenol-d5	25.942		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.454		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.235		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.8		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.953		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.552		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.111		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.243		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.096		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.547		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.873		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	31.565		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101424
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022366.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.618		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.915		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.605		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.237		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108791	7.699				
1146-65-2	Naphthalene-d8	430135	10.463				
15067-26-2	Acenaphthene-d10	344510	14.316				
1517-22-2	Phenanthrene-d10	846656	17.116				
1719-03-5	Chrysene-d12	926614	21.545				
1520-96-3	Perylene-d12	1101594	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.698	
000057-10-3	n-Hexadecanoic acid	250	J			18.057	
	(DEL) Alkane: Straight-Chain	21.204	J			21.204	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101424
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022367.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	110	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.3	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.3	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.3	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73.3	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.3	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.3	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.3	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.3	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.3	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.3	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101424
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022367.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.3	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.3	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.3	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.3	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.3	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.3	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73.3	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.3	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.3	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	170	J	50	73.3	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.3	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.3	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.3	290	ug/Kg
206-44-0	Fluoranthene	470		93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101424
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022367.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		84	73.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	47	73.3	290	ug/Kg
218-01-9	Chrysene	240	J	53	73.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		57	73.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	66	73.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	55	73.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	J	53	73.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.767	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	0.624	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.346		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.665		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.312		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.26		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	7.991		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.927		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.799		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.618		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.949		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	8.351		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.629	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	8.875		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101424
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022367.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.668		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	8.65		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	8.81		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.21		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110240	7.699				
1146-65-2	Naphthalene-d8	429607	10.457				
15067-26-2	Acenaphthene-d10	337937	14.31				
1517-22-2	Phenanthrene-d10	831312	17.11				
1719-03-5	Chrysene-d12	872958	21.533				
1520-96-3	Perylene-d12	1055114	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.692	
000057-10-3	n-Hexadecanoic acid	120	J			18.051	
E966796	Total Alkanes	41	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101424
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022368.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.3	130	ug/Kg
100-52-7	Benzaldehyde	90	U	90	170	660	ug/Kg
110-86-1	Pyridine	66	U	66	330	660	ug/Kg
108-95-2	Phenol	86	U	86	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	170	660	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	85.3	340	ug/Kg
95-48-7	2-Methylphenol	78	U	78	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	660	ug/Kg
98-86-2	Acetophenone	80	U	80	170	660	ug/Kg
106-44-5	4-Methylphenol	74	U	74	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	85.3	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	85.3	340	ug/Kg
98-95-3	Nitrobenzene	62	U	62	85.3	340	ug/Kg
78-59-1	Isophorone	96	U	96	85.3	340	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	85.3	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	86	U	86	85.3	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	85.3	340	ug/Kg
91-20-3	Naphthalene	50	U	50	85.3	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	85.3	660	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	85.3	340	ug/Kg
105-60-2	Caprolactam	140	U	140	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	85.3	340	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	85.3	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	85.3	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	85.3	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	85.3	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101424
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022368.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	85.3	340	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	85.3	340	ug/Kg
88-74-4	2-Nitroaniline	82	U	82	85.3	340	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	85.3	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	85.3	340	ug/Kg
208-96-8	Acenaphthylene	64	U	64	85.3	340	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	170	660	ug/Kg
83-32-9	Acenaphthene	58	U	58	85.3	340	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	170	660	ug/Kg
100-02-7	4-Nitrophenol	88	U	88	170	660	ug/Kg
132-64-9	Dibenzofuran	64	U	64	85.3	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	85.3	340	ug/Kg
84-66-2	Diethylphthalate	60	U	60	85.3	340	ug/Kg
86-73-7	Fluorene	50	U	50	85.3	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	85.3	340	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	85.3	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	85.3	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	85.3	340	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	85.3	340	ug/Kg
1912-24-9	Atrazine	140	U	140	170	660	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	660	ug/Kg
85-01-8	Phenanthrene	300	J	58	85.3	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	85.3	340	ug/Kg
120-12-7	Anthracene	50	U	50	85.3	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	85.3	340	ug/Kg
86-74-8	Carbazole	56	U	56	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	85.3	340	ug/Kg
206-44-0	Fluoranthene	640		110	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101424
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022368.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	480		98	85.3	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	85.3	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96	U	96	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	54	85.3	340	ug/Kg
218-01-9	Chrysene	290	J	62	85.3	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	85.3	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		66	85.3	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	76	85.3	340	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	64	85.3	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	62	85.3	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	85.3	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	85.3	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	85.3	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.621		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.998		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.882		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.535		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	7.265		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	10.221		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.478		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.111		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.712		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.249		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.925		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.606		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	11.338		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101424
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022368.D	1	10/1/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.792		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.78		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	12.042		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.064		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123186	7.699				
1146-65-2	Naphthalene-d8	495193	10.457				
15067-26-2	Acenaphthene-d10	389270	14.31				
1517-22-2	Phenanthrene-d10	950307	17.104				
1719-03-5	Chrysene-d12	945281	21.545				
1520-96-3	Perylene-d12	1113751	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.687	
000057-10-3	n-Hexadecanoic acid	190	J			18.045	
E966796	Total Alkanes	48	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:	A4F11	SDG No.:	BP101424
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1	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
BP022369.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.7	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.3	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	95.7	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.7	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.3	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.3	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.3	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.3	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.3	200	ug/Kg
105-60-2	Caprolactam	84	U	84	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.3	200	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:	A4F11	SDG No.:	BP101424
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BP022369.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.3	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.7	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.7	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.3	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.3	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.3	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.7	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.3	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.3	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.3	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	95.7	200	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:	A4F11	SDG No.:	BP101424
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BP022369.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.3	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.895		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	1.23	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	11.202		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.547		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.963		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.667		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.366		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.926		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.936		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.973		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.247		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.303		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.811		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	13.237		20-140		33	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:	A4F11	SDG No.:	BP101424
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BP022369.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.342		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	12.574		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	12.767		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.188		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102872	7.699				
1146-65-2	Naphthalene-d8	395868	10.451				
15067-26-2	Acenaphthene-d10	314310	14.304				
1517-22-2	Phenanthrene-d10	779885	17.116				
1719-03-5	Chrysene-d12	807519	21.539				
1520-96-3	Perylene-d12	941055	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.692	
000057-10-3	n-Hexadecanoic acid	110	J			18.039	
	(DEL) Alkane: Straight-Chain	21.216	J			21.216	
E966796	Total Alkanes	92				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101424
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022370.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	89	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	58	U	58	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	440	ug/Kg
98-86-2	Acetophenone	54	U	54	110	440	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	57	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57	230	ug/Kg
78-59-1	Isophorone	64	U	64	57	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	57	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57	440	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	57	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	57	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101424
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022370.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	440	ug/Kg
83-32-9	Acenaphthene	39	U	39	57	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	57	230	ug/Kg
86-73-7	Fluorene	34	U	34	57	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	57	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57	230	ug/Kg
1912-24-9	Atrazine	95	U	95	110	440	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	110	440	ug/Kg
85-01-8	Phenanthrene	39	U	39	57	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57	230	ug/Kg
120-12-7	Anthracene	34	U	34	57	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	57	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57	230	ug/Kg
206-44-0	Fluoranthene	72	U	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101424
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022370.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	66	U	66	57	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	57	230	ug/Kg
218-01-9	Chrysene	42	U	42	57	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	57	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57	230	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	57	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	57	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.144		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.317		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.767		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.502		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.15		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	17.462		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.499		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.857		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.821		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.461		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.395		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.265		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.918		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.257		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101424
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022370.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.404		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	20		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.412		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.191		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95663	7.699				
1146-65-2	Naphthalene-d8	372743	10.457				
15067-26-2	Acenaphthene-d10	303585	14.31				
1517-22-2	Phenanthrene-d10	803766	17.11				
1719-03-5	Chrysene-d12	876237	21.545				
1520-96-3	Perylene-d12	1027156	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	450	J			15.698	
000057-10-3	n-Hexadecanoic acid	150	J			18.051	
1000130-97-9	E-15-Heptadecenal	91	J			21.21	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS830	SDG No.:	BP101424
Lab Sample ID:	PB163830BS	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
BP022371.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	800		45	82.5	330	ug/Kg
110-86-1	Pyridine	660		33	170	330	ug/Kg
108-95-2	Phenol	760		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	740		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	790		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	760		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		60	82.5	330	ug/Kg
98-86-2	Acetophenone	750		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	760		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	730		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	760		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	720		31	42.5	170	ug/Kg
78-59-1	Isophorone	730		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	790		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	630		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	720		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	810		16	42.5	170	ug/Kg
91-20-3	Naphthalene	750		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	750		44	42.5	170	ug/Kg
105-60-2	Caprolactam	750		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	750		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	760		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	760		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	790		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS830	SDG No.:	BP101424
Lab Sample ID:	PB163830BS	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
BP022371.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	730		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	750		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	760		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	720		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	800		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	750		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	810		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	750		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	670		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	780		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	750		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	720		30	42.5	170	ug/Kg
86-73-7	Fluorene	750		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	750		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	900		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	750		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	750		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	780		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	790		32	42.5	170	ug/Kg
1912-24-9	Atrazine	590		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	740		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	760		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	730		52	42.5	170	ug/Kg
120-12-7	Anthracene	760		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	730		50	42.5	170	ug/Kg
86-74-8	Carbazole	780		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	760		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	850		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS830	SDG No.:	BP101424
Lab Sample ID:	PB163830BS	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
BP022371.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	820		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	770		27	42.5	170	ug/Kg
218-01-9	Chrysene	780		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	780		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	790		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	800		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	780		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	760		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	780		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	760		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.122		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.843		20-120		52	SPK: -40
4165-62-2	Phenol-d5	23.57		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.19		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.632		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.137		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	23.511		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.798		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.848		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.098		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.317		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.692		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.268		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	24.019		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS830	SDG No.:	BP101424
Lab Sample ID:	PB163830BS	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
BP022371.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.816		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	24.193		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.524		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.914		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103180	7.699				
1146-65-2	Naphthalene-d8	407767	10.457				
15067-26-2	Acenaphthene-d10	330735	14.304				
1517-22-2	Phenanthrene-d10	817486	17.104				
1719-03-5	Chrysene-d12	854475	21.551				
1520-96-3	Perylene-d12	988954	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BP101424
Lab Sample ID:	PB163884BS	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
BP022372.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	230		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	740		45	82.5	330	ug/Kg
110-86-1	Pyridine	610		33	170	330	ug/Kg
108-95-2	Phenol	710		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	690		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	750		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	710		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670		60	82.5	330	ug/Kg
98-86-2	Acetophenone	700		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	700		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	700		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	730		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	710		31	42.5	170	ug/Kg
78-59-1	Isophorone	710		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	770		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	590		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	710		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	770		16	42.5	170	ug/Kg
91-20-3	Naphthalene	730		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	590		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	740		44	42.5	170	ug/Kg
105-60-2	Caprolactam	720		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	780		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	730		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	740		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	430		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	710		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BP101424
Lab Sample ID:	PB163884BS	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
BP022372.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	710		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	720		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	690		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	800		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	730		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	790		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	720		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	710		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	750		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	730		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	720		30	42.5	170	ug/Kg
86-73-7	Fluorene	740		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	730		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	890		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	710		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	710		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	740		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	750		32	42.5	170	ug/Kg
1912-24-9	Atrazine	530		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	720		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	730		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	680		52	42.5	170	ug/Kg
120-12-7	Anthracene	720		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	680		50	42.5	170	ug/Kg
86-74-8	Carbazole	750		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	740		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	800		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BP101424
Lab Sample ID:	PB163884BS	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
BP022372.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	780		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	730		27	42.5	170	ug/Kg
218-01-9	Chrysene	730		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	760		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	790		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	770		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	720		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	720		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	740		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.713		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.508		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.135		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.041		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.529		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.263		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.565		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.016		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.199		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.114		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.55		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.783		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.663		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	22.135		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BP101424
Lab Sample ID:	PB163884BS	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
BP022372.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.027		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	21.953		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.514		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.636		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144709	7.699				
1146-65-2	Naphthalene-d8	549864	10.457				
15067-26-2	Acenaphthene-d10	459611	14.31				
1517-22-2	Phenanthrene-d10	1165560	17.11				
1719-03-5	Chrysene-d12	1267929	21.551				
1520-96-3	Perylene-d12	1429218	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SLCS924	SDG No.:	BP101424
Lab Sample ID:	PB163924BS	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
BP022373.D	1	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	850		45	82.5	330	ug/Kg
110-86-1	Pyridine	690		33	170	330	ug/Kg
108-95-2	Phenol	820		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	800		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	860		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	820		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760		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	790		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	830		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	790		31	42.5	170	ug/Kg
78-59-1	Isophorone	790		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	870		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	700		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	780		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	880		16	42.5	170	ug/Kg
91-20-3	Naphthalene	820		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	670		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	810		44	42.5	170	ug/Kg
105-60-2	Caprolactam	820		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	870		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	820		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	830		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	830		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	860		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SLCS924	SDG No.:	BP101424
Lab Sample ID:	PB163924BS	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
BP022373.D	1	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	810		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	820		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	840		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	780		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	830		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	890		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	840		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	800		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	880		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	830		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	810		30	42.5	170	ug/Kg
86-73-7	Fluorene	840		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	780		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	800		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	830		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	830		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	840		32	42.5	170	ug/Kg
1912-24-9	Atrazine	580		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	800		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	830		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	770		52	42.5	170	ug/Kg
120-12-7	Anthracene	830		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	780		50	42.5	170	ug/Kg
86-74-8	Carbazole	830		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	820		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	920		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SLCS924	SDG No.:	BP101424
Lab Sample ID:	PB163924BS	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
BP022373.D	1	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	870		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	840		27	42.5	170	ug/Kg
218-01-9	Chrysene	840		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	840		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	830		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	860		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	830		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.136		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	21.175		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.525		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.869		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.82		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.812		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.918		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.723		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.19		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.011		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.034		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.273		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.029		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	25.462		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SLCS924	SDG No.:	BP101424
Lab Sample ID:	PB163924BS	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
BP022373.D	1	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	25.18		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.459		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.161		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117352	7.699				
1146-65-2	Naphthalene-d8	456333	10.458				
15067-26-2	Acenaphthene-d10	365153	14.31				
1517-22-2	Phenanthrene-d10	934507	17.122				
1719-03-5	Chrysene-d12	997523	21.533				
1520-96-3	Perylene-d12	1160333	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022375.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022375.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

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:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022375.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

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	3.981		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	20.654		20-120		52	SPK: -40
4165-62-2	Phenol-d5	21.666		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.114		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.133		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.519		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.749		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.092		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.757		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.442		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.098		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.95		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.042		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.497		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BP101424
Lab Sample ID:	PB163884BL	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
BP022375.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.228		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.926		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.1		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.17		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113879	7.699				
1146-65-2	Naphthalene-d8	450108	10.452				
15067-26-2	Acenaphthene-d10	373044	14.31				
1517-22-2	Phenanthrene-d10	949190	17.116				
1719-03-5	Chrysene-d12	1031973	21.563				
1520-96-3	Perylene-d12	1150716	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK091	SDG No.:	BP101424
Lab Sample ID:	PB164091BL	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
BP022376.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164091

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
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	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:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK091	SDG No.:	BP101424
Lab Sample ID:	PB164091BL	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
BP022376.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164091

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:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK091	SDG No.:	BP101424
Lab Sample ID:	PB164091BL	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
BP022376.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164091

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	4.381		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	24.152		20-120		60	SPK: -40
4165-62-2	Phenol-d5	24.674		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.598		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.75		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.142		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.013		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.165		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.886		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.273		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.124		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.98		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.023		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.424		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK091	SDG No.:	BP101424
Lab Sample ID:	PB164091BL	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
BP022376.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.616		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.724		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	28.574		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.777		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96262	7.699				
1146-65-2	Naphthalene-d8	370031	10.458				
15067-26-2	Acenaphthene-d10	291387	14.31				
1517-22-2	Phenanthrene-d10	748332	17.11				
1719-03-5	Chrysene-d12	799306	21.551				
1520-96-3	Perylene-d12	915668	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			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:	A4F23	SDG No.:	BP101424
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1	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
BP022377.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

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	92.3	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.3	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.3	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.3	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.5	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.5	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.5	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.5	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.5	190	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:	A4F23	SDG No.:	BP101424
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1	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
BP022377.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.5	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.3	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.3	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.5	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.5	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.5	190	ug/Kg
1912-24-9	Atrazine	79	U	79	92.3	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.3	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.5	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.5	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.3	190	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:	A4F23	SDG No.:	BP101424
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1	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
BP022377.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.5	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.638		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.883		20-120		35	SPK: -40
4165-62-2	Phenol-d5	15.919		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.358		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.839		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.501		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.209		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.057		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.501		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.637		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.677		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.265		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.039		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	19.067		20-140		48	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:	A4F23	SDG No.:	BP101424
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022377.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.215		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	19.006		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.478		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.177		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85863	7.699				
1146-65-2	Naphthalene-d8	330377	10.458				
15067-26-2	Acenaphthene-d10	269410	14.31				
1517-22-2	Phenanthrene-d10	659806	17.116				
1719-03-5	Chrysene-d12	717552	21.551				
1520-96-3	Perylene-d12	881569	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.698	
000057-10-3	n-Hexadecanoic acid	130	J			18.051	
	(DEL) Alkane: Straight-Chain	21.222	J			21.222	
E966796	Total Alkanes	77				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:	A4F22	SDG No.:	BP101424
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BP022378.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

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	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	73	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:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F22	SDG No.:	BP101424
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BP022378.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

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	130	U	130	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	70	J	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	130	J	88	130	280	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:	A4F22	SDG No.:	BP101424
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022378.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	80	69	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	69	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	78	U	78	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	61	J	44	69	280	ug/Kg
218-01-9	Chrysene	79	J	50	69	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	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	88	J	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	1.848		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	1.455	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	10.752		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.377		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.521		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	9.377		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	11.207		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.704		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.585		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.789		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.615		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.871		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.435		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	12.79		20-140		32	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:	A4F22	SDG No.:	BP101424
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BP022378.D	1	10/1/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.972		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	12.396		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	11.763		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.032		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88592	7.698				
1146-65-2	Naphthalene-d8	336722	10.451				
15067-26-2	Acenaphthene-d10	265566	14.304				
1517-22-2	Phenanthrene-d10	646823	17.121				
1719-03-5	Chrysene-d12	744514	21.545				
1520-96-3	Perylene-d12	907686	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.698	
000057-10-3	n-Hexadecanoic acid	150	J			18.051	
	(DEL) Alkane: Straight-Chain	21.221	J			21.221	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5DL	SDG No.:	BP101424
Lab Sample ID:	P4264-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022379.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	78.7	790	ug/Kg
100-52-7	Benzaldehyde	540	U	540	980	3900	ug/Kg
110-86-1	Pyridine	390	U	390	2000	3900	ug/Kg
108-95-2	Phenol	510	U	510	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	480	U	480	980	3900	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	510	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	720	U	720	980	3900	ug/Kg
98-86-2	Acetophenone	480	U	480	980	3900	ug/Kg
106-44-5	4-Methylphenol	440	U	440	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	610	U	610	510	2000	ug/Kg
67-72-1	Hexachloroethane	210	U	210	510	2000	ug/Kg
98-95-3	Nitrobenzene	370	U	370	510	2000	ug/Kg
78-59-1	Isophorone	570	U	570	510	2000	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	510	U	510	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	510	2000	ug/Kg
91-20-3	Naphthalene	36000	ED	300	510	2000	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	510	3900	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	510	2000	ug/Kg
105-60-2	Caprolactam	860	U	860	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	580	U	580	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	4600	D	390	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	9900	D	270	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	580	U	580	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5DL	SDG No.:	BP101424
Lab Sample ID:	P4264-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022379.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	310	U	310	510	2000	ug/Kg
88-74-4	2-Nitroaniline	490	U	490	510	2000	ug/Kg
131-11-3	Dimethylphthalate	350	U	350	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	510	2000	ug/Kg
208-96-8	Acenaphthylene	380	U	380	510	2000	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	980	3900	ug/Kg
83-32-9	Acenaphthene	8000	D	350	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	980	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	980	3900	ug/Kg
132-64-9	Dibenzofuran	380	U	380	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	510	2000	ug/Kg
84-66-2	Diethylphthalate	360	U	360	510	2000	ug/Kg
86-73-7	Fluorene	7100	D	300	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	510	2000	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	920	U	920	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	390	U	390	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	350	U	350	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	380	U	380	510	2000	ug/Kg
1912-24-9	Atrazine	850	U	850	980	3900	ug/Kg
87-86-5	Pentachlorophenol	1400	JD	880	980	3900	ug/Kg
85-01-8	Phenanthrene	23000	D	350	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	620	U	620	510	2000	ug/Kg
120-12-7	Anthracene	2400	D	300	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	600	U	600	510	2000	ug/Kg
86-74-8	Carbazole	330	U	330	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	730	U	730	510	2000	ug/Kg
206-44-0	Fluoranthene	11000	D	640	980	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5DL	SDG No.:	BP101424
Lab Sample ID:	P4264-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022379.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6700	D	580	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	1600	JD	320	510	2000	ug/Kg
218-01-9	Chrysene	1400	JD	370	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	910	U	910	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	JD	390	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	450	U	450	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	470	JD	380	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	370	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	U	310	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.5		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	20.16		20-120		50	SPK: -40
4165-62-2	Phenol-d5	25.77		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.87		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.42		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.36		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.79		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.17		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.4		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.14		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.44		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.02		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.78		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	30.03		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5DL	SDG No.:	BP101424
Lab Sample ID:	P4264-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022379.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.99		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	30.52		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	31.42		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.55		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91024	7.699				
1146-65-2	Naphthalene-d8	368578	10.463				
15067-26-2	Acenaphthene-d10	295794	14.304				
1517-22-2	Phenanthrene-d10	706580	17.098				
1719-03-5	Chrysene-d12	731176	21.545				
1520-96-3	Perylene-d12	851552	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	960	JD			8.063	
010147-11-2	1-Propyne, 3-phenyl-	1100	JD			8.228	
000092-52-4	Biphenyl	2000	JD			13.128	
000582-16-1	Naphthalene, 2,7-dimethyl-	1600	JD			13.469	
000581-40-8	Naphthalene, 2,3-dimethyl-	1500	JD			13.622	
000132-64-9	Dibenzo furan	7000	JD			14.71	
000954-21-2	Nordiphenamid	1000	JD			15.528	
007320-53-8	Dibenzofuran, 4-methyl-	1600	JD			15.669	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1600	JD			15.81	
019540-84-2	4a,9a-Methano-9H-fluorene	1000	JD			16.387	
000132-65-0	Dibenzothiophene	1800	JD			16.916	
000244-99-5	5H-Indeno[1,2-b]pyridine	2000	JD			17.516	
000832-69-9	Phenanthrene, 1-methyl-	1700	JD			18.01	
002531-84-2	Phenanthrene, 2-methyl-	2000	JD			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2700	JD			18.204	
000612-94-2	Naphthalene, 2-phenyl-	920	JD			18.528	
000243-17-4	11H-Benzo[b]fluorene	810	JD			20.133	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN5DL	SDG No.:	BP101424
Lab Sample ID:	P4264-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP022379.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	290	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6DL	SDG No.:	BP101424
Lab Sample ID:	P4264-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022380.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	78.6	790	ug/Kg
100-52-7	Benzaldehyde	540	U	540	980	3900	ug/Kg
110-86-1	Pyridine	390	U	390	2000	3900	ug/Kg
108-95-2	Phenol	510	U	510	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	480	U	480	980	3900	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	510	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710	U	710	980	3900	ug/Kg
98-86-2	Acetophenone	480	U	480	980	3900	ug/Kg
106-44-5	4-Methylphenol	440	U	440	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	610	U	610	510	2000	ug/Kg
67-72-1	Hexachloroethane	210	U	210	510	2000	ug/Kg
98-95-3	Nitrobenzene	370	U	370	510	2000	ug/Kg
78-59-1	Isophorone	570	U	570	510	2000	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	510	U	510	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	510	2000	ug/Kg
91-20-3	Naphthalene	150000	ED	300	510	2000	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	510	3900	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	510	2000	ug/Kg
105-60-2	Caprolactam	860	U	860	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	580	U	580	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	22000	D	390	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	46000	ED	270	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	580	U	580	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6DL	SDG No.:	BP101424
Lab Sample ID:	P4264-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022380.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	310	U	310	510	2000	ug/Kg
88-74-4	2-Nitroaniline	490	U	490	510	2000	ug/Kg
131-11-3	Dimethylphthalate	350	U	350	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	510	2000	ug/Kg
208-96-8	Acenaphthylene	950	JD	380	510	2000	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	980	3900	ug/Kg
83-32-9	Acenaphthene	31000	D	350	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	980	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	980	3900	ug/Kg
132-64-9	Dibenzofuran	380	U	380	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	510	2000	ug/Kg
84-66-2	Diethylphthalate	360	U	360	510	2000	ug/Kg
86-73-7	Fluorene	30000	D	300	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	510	2000	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	920	U	920	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	390	U	390	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	350	U	350	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	380	U	380	510	2000	ug/Kg
1912-24-9	Atrazine	850	U	850	980	3900	ug/Kg
87-86-5	Pentachlorophenol	2700	JD	880	980	3900	ug/Kg
85-01-8	Phenanthrene	120000	ED	350	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	620	U	620	510	2000	ug/Kg
120-12-7	Anthracene	11000	D	300	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	600	U	600	510	2000	ug/Kg
86-74-8	Carbazole	330	U	330	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	730	U	730	510	2000	ug/Kg
206-44-0	Fluoranthene	58000	ED	640	980	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6DL	SDG No.:	BP101424
Lab Sample ID:	P4264-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022380.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30000	D	580	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	9500	D	320	510	2000	ug/Kg
218-01-9	Chrysene	8300	D	370	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	900	U	900	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	D	390	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	JD	450	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	JD	380	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	530	JD	370	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	U	310	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.56		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.67		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.9		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.25		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.82		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	14.6		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.98		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.82		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.52		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.11		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	16.74		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6DL	SDG No.:	BP101424
Lab Sample ID:	P4264-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022380.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.73		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	16.59		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	15.16		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.21		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90199	7.699				
1146-65-2	Naphthalene-d8	339348	10.457				
15067-26-2	Acenaphthene-d10	268944	14.316				
1517-22-2	Phenanthrene-d10	691297	17.122				
1719-03-5	Chrysene-d12	799470	21.545				
1520-96-3	Perylene-d12	988400	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	29000	JD			3.028	
000930-68-7	2-Cyclohexen-1-one	2600	JD			6.352	
061141-97-7	Benzene, 1,1-(1-ethenyl-1,3-propa	2600	JD			8.069	
002234-20-0	2,4-Dimethylstyrene	1700	JD			9.863	
000095-15-8	Benzo[b]thiophene	7000	JD			10.622	
000092-52-4	Biphenyl	6900	JD			13.128	
001127-76-0	Naphthalene, 1-ethyl-	2800	JD			13.334	
000575-43-9	Naphthalene, 1,6-dimethyl-	6100	JD			13.463	
000575-37-1	Naphthalene, 1,7-dimethyl-	5700	JD			13.622	
000581-40-8	Naphthalene, 2,3-dimethyl-	2200	JD			13.863	
000132-64-9	Dibenzo furan	25000	JD			14.728	
000101-81-5	Diphenylmethane	3100	JD			15.534	
007320-53-8	Dibenzofuran, 4-methyl-	5300	JD			15.675	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	8600	JD			15.822	
1000486-97-7	2,4,2,4-Tetramethyl-biphenyl	2000	JD			16.051	
001730-37-6	9H-Fluorene, 1-methyl-	4900	JD			16.41	
042224-48-6	2-[2-Phenylethenyl]phenol	2000	JD			16.634	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	DCYN6DL	SDG No.:	BP101424
Lab Sample ID:	P4264-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BP022380.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
036393-42-7	4-(4-Methylphenyl)benzaldehyde	2100	JD			16.681	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	3800	JD			16.839	
000132-65-0	Dibenzothiophene	9700	JD			16.916	
000244-99-5	5H-Indeno[1,2-b]pyridine	7200	JD			17.539	
000605-02-7	Naphthalene, 1-phenyl-	2200	JD			17.633	
000832-69-9	Phenanthrene, 1-methyl-	8900	JD			18.004	
002531-84-2	Phenanthrene, 2-methyl-	11000	JD			18.057	
000610-48-0	Anthracene, 1-methyl-	3700	JD			18.151	
000203-64-5	4H-Cyclopenta[def]phenanthrene	15000	JD			18.227	
004505-48-0	1H-Indene, 2-phenyl-	3200	JD			18.257	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	6100	JD			18.539	
002789-88-0	di-p-Tolylacetylene	2900	JD			18.974	
000243-17-4	11H-Benzo[b]fluorene	2100	JD			20.133	
E966796	Total Alkanes	290	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7DL	SDG No.:	BP101424
Lab Sample ID:	P4264-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022381.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	82.2	830	ug/Kg
100-52-7	Benzaldehyde	560	U	560	1000	4100	ug/Kg
110-86-1	Pyridine	410	U	410	2100	4100	ug/Kg
108-95-2	Phenol	540	U	540	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	500	U	500	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	530	2100	ug/Kg
95-48-7	2-Methylphenol	490	U	490	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750	U	750	1000	4100	ug/Kg
98-86-2	Acetophenone	500	U	500	1000	4100	ug/Kg
106-44-5	4-Methylphenol	460	U	460	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	640	U	640	530	2100	ug/Kg
67-72-1	Hexachloroethane	220	U	220	530	2100	ug/Kg
98-95-3	Nitrobenzene	390	U	390	530	2100	ug/Kg
78-59-1	Isophorone	600	U	600	530	2100	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	540	U	540	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	530	2100	ug/Kg
91-20-3	Naphthalene	140000	ED	310	530	2100	ug/Kg
106-47-8	4-Chloroaniline	300	U	300	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	530	2100	ug/Kg
105-60-2	Caprolactam	900	U	900	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	610	U	610	530	2100	ug/Kg
90-12-0	1-Methylnaphthalene	24000	D	410	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	23000	D	290	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	610	U	610	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	530	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7DL	SDG No.:	BP101424
Lab Sample ID:	P4264-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022381.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	300	U	300	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	320	U	320	530	2100	ug/Kg
88-74-4	2-Nitroaniline	510	U	510	530	2100	ug/Kg
131-11-3	Dimethylphthalate	360	U	360	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	530	2100	ug/Kg
208-96-8	Acenaphthylene	400	U	400	530	2100	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	1000	4100	ug/Kg
83-32-9	Acenaphthene	25000	D	360	530	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	550	U	550	1000	4100	ug/Kg
132-64-9	Dibenzofuran	400	U	400	530	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	530	2100	ug/Kg
84-66-2	Diethylphthalate	370	U	370	530	2100	ug/Kg
86-73-7	Fluorene	23000	D	310	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250	U	250	530	2100	ug/Kg
100-01-6	4-Nitroaniline	390	U	390	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960	U	960	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	410	U	410	530	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	530	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	360	U	360	530	2100	ug/Kg
118-74-1	Hexachlorobenzene	400	U	400	530	2100	ug/Kg
1912-24-9	Atrazine	880	U	880	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	920	U	920	1000	4100	ug/Kg
85-01-8	Phenanthrene	140000	ED	360	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	650	U	650	530	2100	ug/Kg
120-12-7	Anthracene	9400	D	310	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	620	U	620	530	2100	ug/Kg
86-74-8	Carbazole	350	U	350	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	760	U	760	530	2100	ug/Kg
206-44-0	Fluoranthene	68000	ED	670	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7DL	SDG No.:	BP101424
Lab Sample ID:	P4264-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022381.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37000	ED	610	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600	U	600	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	11000	D	340	530	2100	ug/Kg
218-01-9	Chrysene	9800	D	390	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	950	U	950	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	D	410	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200	D	470	530	2100	ug/Kg
50-32-8	Benzo(a)pyrene	2100	D	400	530	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770	JD	390	530	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	U	350	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	U	320	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	530	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.96		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.89		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.39		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.18		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.82		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	21.93		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.26		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.2		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.85		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.86		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.21		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.01		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	26.99		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7DL	SDG No.:	BP101424
Lab Sample ID:	P4264-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022381.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.63		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	25.87		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.89		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.35		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95359	7.699				
1146-65-2	Naphthalene-d8	375989	10.463				
15067-26-2	Acenaphthene-d10	298692	14.31				
1517-22-2	Phenanthrene-d10	739287	17.116				
1719-03-5	Chrysene-d12	809912	21.557				
1520-96-3	Perylene-d12	964568	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	28000	JD			3.028	
000930-68-7	2-Cyclohexen-1-one	2800	JD			6.358	
000092-52-4	Biphenyl	14000	JD			13.134	
001127-76-0	Naphthalene, 1-ethyl-	5900	JD			13.328	
000575-43-9	Naphthalene, 1,6-dimethyl-	7700	JD			13.469	
000581-40-8	Naphthalene, 2,3-dimethyl-	12000	JD			13.622	
000571-61-9	Naphthalene, 1,5-dimethyl-	4700	JD			13.863	
000613-46-7	2-Naphthalenecarbonitrile	2700	JD			14.445	
000132-64-9	Dibenzo furan	50000	JD			14.716	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2900	JD			14.804	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2600	JD			14.928	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	2300	JD			14.987	
001855-47-6	1-Isopropenylnaphthalene	2400	JD			15.504	
000954-21-2	Nordiphenamid	5700	JD			15.545	
000101-81-5	Diphenylmethane	3300	JD			15.628	
007320-53-8	Dibenzofuran, 4-methyl-	12000	JD			15.675	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	9700	JD			15.834	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN7DL	SDG No.:	BP101424
Lab Sample ID:	P4264-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP022381.D	10	10/4/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002523-39-9	9H-Fluorene, 3-methyl-	3300	JD			16.398	
000486-25-9	9H-Fluoren-9-one	4000	JD			16.763	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	4100	JD			16.839	
000132-65-0	Dibenzothiophene	10000	JD			16.928	
000244-99-5	5H-Indeno[1,2-b]pyridine	3600	JD			17.534	
002531-84-2	Phenanthrene, 2-methyl-	9900	JD			18.016	
000832-69-9	Phenanthrene, 1-methyl-	12000	JD			18.069	
000610-48-0	Anthracene, 1-methyl-	3100	JD			18.151	
000203-64-5	4H-Cyclopenta[def]phenanthrene	12000	JD			18.228	
000613-12-7	Anthracene, 2-methyl-	4100	JD			18.257	
000612-94-2	Naphthalene, 2-phenyl-	6800	JD			18.545	
003674-66-6	Phenanthrene, 2,5-dimethyl-	3000	JD			18.975	
E966796	Total Alkanes	300	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F11								
P4237-06	A4F11	Solid	(DEL) Alkane: Straight-Chain21.2 *	92.000	J			
P4237-06	A4F11	Solid	Benzophenone	*	280.000	J		
P4237-06	A4F11	Solid	n-Hexadecanoic acid	*	110.000	J		
P4237-06	A4F11	Solid	Total Alkanes	*	92.000	28	200	ug/Kg
Total Tics :				574.00				
Total Concentration:				574.00				
Client ID : A4F22								
P4237-08	A4F22	Solid	(DEL) Alkane: Straight-Chain21.2 *	110.000	J			
P4237-08	A4F22	Solid	Benzophenone	*	350.000	J		
P4237-08	A4F22	Solid	n-Hexadecanoic acid	*	150.000	J		
P4237-08	A4F22	Solid	Total Alkanes	*	110.000	39	280	ug/Kg
Total Tics :				720.00				
P4237-08	A4F22	Solid	Acetophenone	73.000	J	65	540	ug/Kg
P4237-08	A4F22	Solid	Benzo(a)anthracene	61.000	J	44	280	ug/Kg
P4237-08	A4F22	Solid	Benzo(b)fluoranthene	88.000	J	54	280	ug/Kg
P4237-08	A4F22	Solid	Chrysene	79.000	J	50	280	ug/Kg
P4237-08	A4F22	Solid	Fluoranthene	130.000	J	88	280	ug/Kg
P4237-08	A4F22	Solid	Phenanthrene	70.000	J	47	280	ug/Kg
P4237-08	A4F22	Solid	Pyrene	100.000	J	80	280	ug/Kg
Total Svoc :				601.00				
Total Concentration:				1,321.00				
Client ID : A4F23								
P4237-09	A4F23	Solid	(DEL) Alkane: Straight-Chain21.2 *	77.000	J			
P4237-09	A4F23	Solid	Benzophenone	*	370.000	J		
P4237-09	A4F23	Solid	n-Hexadecanoic acid	*	130.000	J		
P4237-09	A4F23	Solid	Total Alkanes	*	77.000	27	190	ug/Kg
Total Tics :				654.00				
Total Concentration:				654.00				
Client ID : A4F26								
P4237-11	A4F26	Solid	(2,3-Diphenylcyclopropyl)methyl *	320.000	J			
P4237-11	A4F26	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	130.000	J		
P4237-11	A4F26	Solid	1-Propene, 3-(2-cyclopentenyl)-2-	*	220.000	J		
P4237-11	A4F26	Solid	Benzophenone	*	260.000	J		
P4237-11	A4F26	Solid	Methadone N-oxide	*	140.000	J		
P4237-11	A4F26	Solid	n-Hexadecanoic acid	*	130.000	J		
P4237-11	A4F26	Solid	Total Alkanes	*	0.000	44	310	ug/Kg

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SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,200.00				
P4237-11	A4F26	Solid	Acetophenone	85.000	J	73	600	ug/Kg
P4237-11	A4F26	Solid	Fluoranthene	100.000	J	99	310	ug/Kg
Total Svoc :				185.00				
Total Concentration:				1,385.00				
Client ID : A4F32								
P4237-12	A4F32	Solid	(DEL) Alkane: Straight-Chain21.2 *	130.000	J			
P4237-12	A4F32	Solid	Benzophenone	*	390.000	J		
P4237-12	A4F32	Solid	n-Hexadecanoic acid	*	160.000	J		
P4237-12	A4F32	Solid	Total Alkanes	*	130.000	35	250	ug/Kg
Total Tics :				810.00				
Total Concentration:				810.00				
Client ID : A4EN9								
P4237-16	A4EN9	Solid	(DEL) Alkane: Straight-Chain21.2 *	150.000	J			
P4237-16	A4EN9	Solid	Benzophenone	*	440.000	J		
P4237-16	A4EN9	Solid	n-Hexadecanoic acid	*	250.000	J		
P4237-16	A4EN9	Solid	Total Alkanes	*	150.000	35	250	ug/Kg
Total Tics :				990.00				
Total Concentration:				990.00				
Client ID : A4EP6								
P4237-17	A4EP6	Solid	Benzophenone	*	220.000	J		
P4237-17	A4EP6	Solid	n-Hexadecanoic acid	*	120.000	J		
P4237-17	A4EP6	Solid	Total Alkanes	*	0.000	41	290	ug/Kg
Total Tics :				340.00				
P4237-17	A4EP6	Solid	Benzo(a)anthracene	170.000	J	47	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(a)pyrene	120.000	J	55	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(b)fluoranthene	310.000		57	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(k)fluoranthene	110.000	J	66	290	ug/Kg
P4237-17	A4EP6	Solid	Chrysene	240.000	J	53	290	ug/Kg
P4237-17	A4EP6	Solid	Fluoranthene	470.000		93	290	ug/Kg
P4237-17	A4EP6	Solid	Indeno(1,2,3-cd)pyrene	96.000	J	53	290	ug/Kg
P4237-17	A4EP6	Solid	Phenanthrene	170.000	J	50	290	ug/Kg
P4237-17	A4EP6	Solid	Pyrene	320.000		84	290	ug/Kg
Total Svoc :				2,006.00				
Total Concentration:				2,346.00				
Client ID : A4EP7								
P4237-18	A4EP7	Solid	Benzophenone	*	450.000	J		
P4237-18	A4EP7	Solid	E-15-Heptadecenal	*	91.000	J		
P4237-18	A4EP7	Solid	n-Hexadecanoic acid	*	150.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4237-18	A4EP7	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :					691.00			
Total Concentration:					691.00			
Client ID : A4EQ0								
P4237-19	A4EQ0	Solid	Benzophenone	*	360.000	J		
P4237-19	A4EQ0	Solid	n-Hexadecanoic acid	*	190.000	J		
P4237-19	A4EQ0	Solid	Total Alkanes	*	0.000	48	340	ug/Kg
Total Tics :					550.00			
P4237-19	A4EQ0	Solid	Benzo(a)anthracene		260.000	J 54	340	ug/Kg
P4237-19	A4EQ0	Solid	Benzo(a)pyrene		190.000	J 64	340	ug/Kg
P4237-19	A4EQ0	Solid	Benzo(b)fluoranthene		360.000	66	340	ug/Kg
P4237-19	A4EQ0	Solid	Benzo(k)fluoranthene		140.000	J 76	340	ug/Kg
P4237-19	A4EQ0	Solid	Chrysene		290.000	J 62	340	ug/Kg
P4237-19	A4EQ0	Solid	Fluoranthene		640.000	110	340	ug/Kg
P4237-19	A4EQ0	Solid	Indeno(1,2,3-cd)pyrene		120.000	J 62	340	ug/Kg
P4237-19	A4EQ0	Solid	Phenanthrene		300.000	J 58	340	ug/Kg
P4237-19	A4EQ0	Solid	Pyrene		480.000	98	340	ug/Kg
Total Svoc :					2,780.00			
Total Concentration:					3,330.00			
Client ID : A4EQ7								
P4237-20	A4EQ7	Solid	Benzophenone	*	290.000	J		
P4237-20	A4EQ7	Solid	n-Hexadecanoic acid	*	230.000	J		
P4237-20	A4EQ7	Solid	Pentadecafluorooctanoic acid, oct:	*	130.000	J		
P4237-20	A4EQ7	Solid	Total Alkanes	*	0.000	40	280	ug/Kg
Total Tics :					650.00			
P4237-20	A4EQ7	Solid	Anthracene		71.000	J 42	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(a)anthracene		250.000	J 45	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(a)pyrene		180.000	J 53	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(b)fluoranthene		370.000	55	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(k)fluoranthene		140.000	J 63	280	ug/Kg
P4237-20	A4EQ7	Solid	Bis(2-ethylhexyl)phthalate		200.000	J 160	280	ug/Kg
P4237-20	A4EQ7	Solid	Chrysene		300.000	52	280	ug/Kg
P4237-20	A4EQ7	Solid	Fluoranthene		600.000	90	280	ug/Kg
P4237-20	A4EQ7	Solid	Indeno(1,2,3-cd)pyrene		130.000	J 52	280	ug/Kg
P4237-20	A4EQ7	Solid	Phenanthrene		340.000	48	280	ug/Kg
P4237-20	A4EQ7	Solid	Pyrene		440.000	82	280	ug/Kg
Total Svoc :					3,021.00			
Total Concentration:					3,671.00			

Client ID : DCYN5

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SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-01	DCYN5	Solid	1-Phenyl-1-butene	*	300.000	J		
P4264-01	DCYN5	Solid	1-Propyne, 3-phenyl-	*	750.000	J		
P4264-01	DCYN5	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	980.000	J		
P4264-01	DCYN5	Solid	2-Naphthalenecarbonitrile	*	310.000	J		
P4264-01	DCYN5	Solid	4-(4-Methylphenyl)benzaldehyde	*	430.000	J		
P4264-01	DCYN5	Solid	4H-Cyclopenta[def]phenanthrene	*	1,900.000	J		
P4264-01	DCYN5	Solid	9H-Fluorene, 2-methyl-	*	660.000	J		
P4264-01	DCYN5	Solid	9H-Fluorene, 3-methyl-	*	210.000	J		
P4264-01	DCYN5	Solid	Anthracene, 1-methyl-	*	470.000	J		
P4264-01	DCYN5	Solid	Anthracene, 2-methyl-	*	360.000	J		
P4264-01	DCYN5	Solid	Biphenyl	*	1,400.000	J		
P4264-01	DCYN5	Solid	Carba zole	*	1,000.000	J		
P4264-01	DCYN5	Solid	Chamazulene	*	270.000	J		
P4264-01	DCYN5	Solid	Dibenzo furan	*	5,000.000	J		
P4264-01	DCYN5	Solid	Dibenzofuran, 4-methyl-	*	1,100.000	J		
P4264-01	DCYN5	Solid	Dibenzothiophene	*	1,200.000	J		
P4264-01	DCYN5	Solid	Diphenylmethane	*	360.000	J		
P4264-01	DCYN5	Solid	Indane	*	590.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1,4,6-trimethyl-	*	290.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1,4-dimethyl-	*	410.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1,6,7-trimethyl-	*	230.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1,6-dimethyl-	*	700.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1-(2-propenyl)-	*	250.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 1-ethyl-	*	570.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 2,3-dimethyl-	*	1,100.000	J		
P4264-01	DCYN5	Solid	Naphthalene, 2-phenyl-	*	680.000	J		
P4264-01	DCYN5	Solid	Nordiphenamid	*	690.000	J		
P4264-01	DCYN5	Solid	Phenanthrene, 1-methyl-	*	1,400.000	J		
P4264-01	DCYN5	Solid	Phenanthrene, 2,5-dimethyl-	*	340.000	J		
P4264-01	DCYN5	Solid	Phenanthrene, 2-methyl-	*	960.000	J		
P4264-01	DCYN5	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :				24,910.00				
P4264-01	DCYN5	Solid	1-Methylnaphthalene		3,000.000	39	200	ug/Kg
P4264-01	DCYN5	Solid	2-Methylnaphthalene		6,300.000	E 27	200	ug/Kg
P4264-01	DCYN5	Solid	Acenaphthene		5,200.000	E 35	200	ug/Kg
P4264-01	DCYN5	Solid	Acenaphthylene		240.000	38	200	ug/Kg
P4264-01	DCYN5	Solid	Anthracene		1,600.000	30	200	ug/Kg
P4264-01	DCYN5	Solid	Benzo(a)anthracene		1,100.000	32	200	ug/Kg
P4264-01	DCYN5	Solid	Benzo(a)pyrene		320.000	38	200	ug/Kg
P4264-01	DCYN5	Solid	Benzo(b)fluoranthene		580.000	39	200	ug/Kg

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SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-01	DCYN5	Solid	Benzo(g,h,i)perylene	85.000	J	31	200	ug/Kg
P4264-01	DCYN5	Solid	Benzo(k)fluoranthene	160.000	J	45	200	ug/Kg
P4264-01	DCYN5	Solid	Chrysene	920.000		37	200	ug/Kg
P4264-01	DCYN5	Solid	Fluoranthene	6,500.000	E	64	200	ug/Kg
P4264-01	DCYN5	Solid	Fluorene	4,700.000	E	30	200	ug/Kg
P4264-01	DCYN5	Solid	Indeno(1,2,3-cd)pyrene	87.000	J	37	200	ug/Kg
P4264-01	DCYN5	Solid	Naphthalene	22,000.000	E	30	200	ug/Kg
P4264-01	DCYN5	Solid	Pentachlorophenol	1,200.000		88	390	ug/Kg
P4264-01	DCYN5	Solid	Phenanthrene	14,000.000	E	35	200	ug/Kg
P4264-01	DCYN5	Solid	Pyrene	4,100.000	E	58	200	ug/Kg
Total Svoc :				72,092.00				
Total Concentration:				97,002.00				
Client ID : DCYN5DL								
P4264-01DL	DCYN5DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	1,600.000	JD			
P4264-01DL	DCYN5DL	Solid	1-Propyne, 3-phenyl- *	1,100.000	JD			
P4264-01DL	DCYN5DL	Solid	11H-Benzo[b]fluorene *	810.000	JD			
P4264-01DL	DCYN5DL	Solid	4a,9a-Methano-9H-fluorene *	1,000.000	JD			
P4264-01DL	DCYN5DL	Solid	4H-Cyclopenta[def]phenanthrene *	2,700.000	JD			
P4264-01DL	DCYN5DL	Solid	5H-Indeno[1,2-b]pyridine *	2,000.000	JD			
P4264-01DL	DCYN5DL	Solid	Biphenyl *	2,000.000	JD			
P4264-01DL	DCYN5DL	Solid	Dibenzo furan *	7,000.000	JD			
P4264-01DL	DCYN5DL	Solid	Dibenzofuran, 4-methyl- *	1,600.000	JD			
P4264-01DL	DCYN5DL	Solid	Dibenzothiophene *	1,800.000	JD			
P4264-01DL	DCYN5DL	Solid	Indane *	960.000	JD			
P4264-01DL	DCYN5DL	Solid	Naphthalene, 2,3-dimethyl- *	1,500.000	JD			
P4264-01DL	DCYN5DL	Solid	Naphthalene, 2,7-dimethyl- *	1,600.000	JD			
P4264-01DL	DCYN5DL	Solid	Naphthalene, 2-phenyl- *	920.000	JD			
P4264-01DL	DCYN5DL	Solid	Nordiphenamid *	1,000.000	JD			
P4264-01DL	DCYN5DL	Solid	Phenanthrene, 1-methyl- *	1,700.000	JD			
P4264-01DL	DCYN5DL	Solid	Phenanthrene, 2-methyl- *	2,000.000	JD			
P4264-01DL	DCYN5DL	Solid	Total Alkanes *	0.000	D	290	2000	ug/Kg
Total Tics :				31,290.00				
P4264-01DL	DCYN5DL	Solid	1-Methylnaphthalene	4,600.000	D	390	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	2-Methylnaphthalene	9,900.000	D	270	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Acenaphthene	8,000.000	D	350	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Anthracene	2,400.000	D	300	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Benzo(a)anthracene	1,600.000	JD	320	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Benzo(a)pyrene	470.000	JD	380	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Benzo(b)fluoranthene	810.000	JD	390	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Chrysene	1,400.000	JD	370	2000	ug/Kg

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SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-01DL	DCYN5DL	Solid	Fluoranthene	11,000.000	D	640	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Fluorene	7,100.000	D	300	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Naphthalene	36,000.000	ED	300	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Pentachlorophenol	1,400.000	JD	880	3900	ug/Kg
P4264-01DL	DCYN5DL	Solid	Phenanthrene	23,000.000	D	350	2000	ug/Kg
P4264-01DL	DCYN5DL	Solid	Pyrene	6,700.000	D	580	2000	ug/Kg
Total Svoc :				114,380.00				
Total Concentration:				145,670.00				

Client ID : DCYN6

P4264-02	DCYN6	Solid	11H-Benzo[a]fluorene	*	250.000	J		
P4264-02	DCYN6	Solid	11H-Benzo[b]fluorene	*	280.000	J		
P4264-02	DCYN6	Solid	2-Cyclohexen-1-one	*	810.000	J		
P4264-02	DCYN6	Solid	2-Naphthalenecarbonitrile	*	270.000	J		
P4264-02	DCYN6	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P4264-02	DCYN6	Solid	6(5H)-Phenanthridinone	*	140.000	J		
P4264-02	DCYN6	Solid	Benzo(b)naphtho(1,2-d)furan	*	140.000	J		
P4264-02	DCYN6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J		
P4264-02	DCYN6	Solid	Benzo[e]pyrene	*	520.000	J		
P4264-02	DCYN6	Solid	Biphenyl	*	1,400.000	J		
P4264-02	DCYN6	Solid	Cyclohexene	*	7,200.000	J		
P4264-02	DCYN6	Solid	Dibenzo furan	*	4,400.000	J		
P4264-02	DCYN6	Solid	Dibenzofuran, 4-methyl-	*	1,000.000	J		
P4264-02	DCYN6	Solid	Diphenylmethane	*	370.000	J		
P4264-02	DCYN6	Solid	Indane	*	790.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1,4,5-trimethyl-	*	220.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1,4,6-trimethyl-	*	210.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1,6,7-trimethyl-	*	270.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1,6-dimethyl-	*	640.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1,7-dimethyl-	*	460.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1-(2-propenyl)-	*	230.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 1-ethyl-	*	610.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 2,3,6-trimethyl-	*	270.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 2,3-dimethyl-	*	1,200.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 2,6-dimethyl-	*	130.000	J		
P4264-02	DCYN6	Solid	Naphthalene, 2,7-dimethyl-	*	650.000	J		
P4264-02	DCYN6	Solid	Phenanthrene, 1-methyl-	*	100.000	J		
P4264-02	DCYN6	Solid	Pyrene, 1-methyl-	*	210.000	J		
P4264-02	DCYN6	Solid	Pyrene, 2-methyl-	*	180.000	J		
P4264-02	DCYN6	Solid	unknown-01	*	160.000	J		
P4264-02	DCYN6	Solid	Total Alkanes	*	0.000	29	200	ug/Kg

Hit Summary Sheet
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SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	23,350.00				
P4264-02	DCYN6	Solid	1-Methylnaphthalene	17,000.000	E	39	200	ug/Kg
P4264-02	DCYN6	Solid	2-Methylnaphthalene	33,000.000	E	27	200	ug/Kg
P4264-02	DCYN6	Solid	Acenaphthene	17,000.000	E	35	200	ug/Kg
P4264-02	DCYN6	Solid	Acenaphthylene	540.000		38	200	ug/Kg
P4264-02	DCYN6	Solid	Anthracene	6,700.000	E	30	200	ug/Kg
P4264-02	DCYN6	Solid	Benzo(a)anthracene	6,500.000	E	32	200	ug/Kg
P4264-02	DCYN6	Solid	Benzo(a)pyrene	1,100.000		38	200	ug/Kg
P4264-02	DCYN6	Solid	Benzo(b)fluoranthene	3,300.000	E	39	200	ug/Kg
P4264-02	DCYN6	Solid	Benzo(g,h,i)perylene	49.000	J	31	200	ug/Kg
P4264-02	DCYN6	Solid	Benzo(k)fluoranthene	1,000.000		45	200	ug/Kg
P4264-02	DCYN6	Solid	Chrysene	5,300.000	E	37	200	ug/Kg
P4264-02	DCYN6	Solid	Dibenzo(a,h)anthracene	200.000		33	200	ug/Kg
P4264-02	DCYN6	Solid	Fluoranthene	19,000.000	E	64	200	ug/Kg
P4264-02	DCYN6	Solid	Fluorene	16,000.000	E	30	200	ug/Kg
P4264-02	DCYN6	Solid	Indeno(1,2,3-cd)pyrene	410.000		37	200	ug/Kg
P4264-02	DCYN6	Solid	Naphthalene	64,000.000	E	30	200	ug/Kg
P4264-02	DCYN6	Solid	Pentachlorophenol	2,200.000		88	390	ug/Kg
P4264-02	DCYN6	Solid	Phenanthrene	35,000.000	E	35	200	ug/Kg
P4264-02	DCYN6	Solid	Pyrene	14,000.000	E	58	200	ug/Kg
			Total Svoc :	242,299.00				
			Total Concentration:	265,649.00				
Client ID : DCYN6DL								
P4264-02DL	DCYN6DL	Solid	1H-Benzo[b]fluorene	*	2,100.000	JD		
P4264-02DL	DCYN6DL	Solid	1H-Indene, 2-phenyl-	*	3,200.000	JD		
P4264-02DL	DCYN6DL	Solid	2,4,2,4-Tetramethyl-biphenyl	*	2,000.000	JD		
P4264-02DL	DCYN6DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	8,600.000	JD		
P4264-02DL	DCYN6DL	Solid	2,4-Dimethylstyrene	*	1,700.000	JD		
P4264-02DL	DCYN6DL	Solid	2-[2-Phenylethenyl]phenol	*	2,000.000	JD		
P4264-02DL	DCYN6DL	Solid	2-Cyclohexen-1-one	*	2,600.000	JD		
P4264-02DL	DCYN6DL	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	3,800.000	JD		
P4264-02DL	DCYN6DL	Solid	4-(4-Methylphenyl)benzaldehyde	*	2,100.000	JD		
P4264-02DL	DCYN6DL	Solid	4H-Cyclopenta[def]phenanthrene	*	15,000.000	JD		
P4264-02DL	DCYN6DL	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	6,100.000	JD		
P4264-02DL	DCYN6DL	Solid	5H-Indeno[1,2-b]pyridine	*	7,200.000	JD		
P4264-02DL	DCYN6DL	Solid	9H-Fluorene, 1-methyl-	*	4,900.000	JD		
P4264-02DL	DCYN6DL	Solid	Anthracene, 1-methyl-	*	3,700.000	JD		
P4264-02DL	DCYN6DL	Solid	Benzene, 1,1-(1-ethenyl-1,3-prop	*	2,600.000	JD		
P4264-02DL	DCYN6DL	Solid	Benzo[b]thiophene	*	7,000.000	JD		
P4264-02DL	DCYN6DL	Solid	Biphenyl	*	6,900.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-02DL	DCYN6DL	Solid	Cyclohexene	* 29,000.000	JD			
P4264-02DL	DCYN6DL	Solid	di-p-Tolylacetylene	* 2,900.000	JD			
P4264-02DL	DCYN6DL	Solid	Dibenzo furan	* 25,000.000	JD			
P4264-02DL	DCYN6DL	Solid	Dibenzofuran, 4-methyl-	* 5,300.000	JD			
P4264-02DL	DCYN6DL	Solid	Dibenzothiophene	* 9,700.000	JD			
P4264-02DL	DCYN6DL	Solid	Diphenylmethane	* 3,100.000	JD			
P4264-02DL	DCYN6DL	Solid	Naphthalene, 1,6-dimethyl-	* 6,100.000	JD			
P4264-02DL	DCYN6DL	Solid	Naphthalene, 1,7-dimethyl-	* 5,700.000	JD			
P4264-02DL	DCYN6DL	Solid	Naphthalene, 1-ethyl-	* 2,800.000	JD			
P4264-02DL	DCYN6DL	Solid	Naphthalene, 1-phenyl-	* 2,200.000	JD			
P4264-02DL	DCYN6DL	Solid	Naphthalene, 2,3-dimethyl-	* 2,200.000	JD			
P4264-02DL	DCYN6DL	Solid	Phenanthrene, 1-methyl-	* 8,900.000	JD			
P4264-02DL	DCYN6DL	Solid	Phenanthrene, 2-methyl-	* 11,000.000	JD			
P4264-02DL	DCYN6DL	Solid	Total Alkanes	* 0.000	D 290		2000	ug/Kg
Total Tics :				195,400.00				
P4264-02DL	DCYN6DL	Solid	1-Methylnaphthalene	22,000.000	D 390		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	2-Methylnaphthalene	46,000.000	ED 270		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Acenaphthene	31,000.000	D 350		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Acenaphthylene	950.000	JD 380		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Anthracene	11,000.000	D 300		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Benzo(a)anthracene	9,500.000	D 320		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Benzo(a)pyrene	1,500.000	JD 380		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Benzo(b)fluoranthene	4,500.000	D 390		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Benzo(k)fluoranthene	1,900.000	JD 450		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Chrysene	8,300.000	D 370		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Fluoranthene	58,000.000	ED 640		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Fluorene	30,000.000	D 300		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Indeno(1,2,3-cd)pyrene	530.000	JD 370		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Naphthalene	150,000.000	ED 300		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Pentachlorophenol	2,700.000	JD 880		3900	ug/Kg
P4264-02DL	DCYN6DL	Solid	Phenanthrene	120,000.000	ED 350		2000	ug/Kg
P4264-02DL	DCYN6DL	Solid	Pyrene	30,000.000	D 580		2000	ug/Kg
Total Svoc :				527,880.00				
Total Concentration:				723,280.00				
Client ID : DCYN7								
P4264-03	DCYN7	Solid	[1,1-Biphenyl]-4-carboxaldehyde	* 1,200.000	J			
P4264-03	DCYN7	Solid	1,1-Biphenyl, 4-methyl-	* 250.000	J			
P4264-03	DCYN7	Solid	1-Isopropenylnaphthalene	* 170.000	J			
P4264-03	DCYN7	Solid	11H-Benzo[b]fluorene	* 240.000	J			
P4264-03	DCYN7	Solid	2-Cyclohexen-1-one	* 1,100.000	J			

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-03	DCYN7	Solid	2-Naphthalenecarbonitrile	*	280.000	J		
P4264-03	DCYN7	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P4264-03	DCYN7	Solid	Benzo(b)naphtho(1,2-d)furan	*	120.000	J		
P4264-03	DCYN7	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	140.000	J		
P4264-03	DCYN7	Solid	Benzo[c]phenanthrene	*	140.000	J		
P4264-03	DCYN7	Solid	Benzo[k]xanthene	*	180.000	J		
P4264-03	DCYN7	Solid	Biphenyl	*	1,500.000	J		
P4264-03	DCYN7	Solid	Cyclohexene	*	9,700.000	J		
P4264-03	DCYN7	Solid	Cyclopenta[cd]pyrene	*	150.000	J		
P4264-03	DCYN7	Solid	Dibenzo furan	*	4,200.000	J		
P4264-03	DCYN7	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P4264-03	DCYN7	Solid	Indane	*	830.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,4,5-trimethyl-	*	260.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,4,6-trimethyl-	*	240.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,5-dimethyl-	*	120.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,6,7-trimethyl-	*	280.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,6-dimethyl-	*	850.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1,7-dimethyl-	*	520.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 1-ethyl-	*	650.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 2,3,6-trimethyl-	*	290.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 2,3-dimethyl-	*	1,300.000	J		
P4264-03	DCYN7	Solid	Naphthalene, 2,6-dimethyl-	*	560.000	J		
P4264-03	DCYN7	Solid	Perylene	*	930.000	J		
P4264-03	DCYN7	Solid	Pyrene, 1-methyl-	*	140.000	J		
P4264-03	DCYN7	Solid	Pyrene, 2-methyl-	*	190.000	J		
P4264-03	DCYN7	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					26,780.00			
P4264-03	DCYN7	Solid	1-Methylnaphthalene		24,000.000	E 41	210	ug/Kg
P4264-03	DCYN7	Solid	2-Methylnaphthalene		24,000.000	E 29	210	ug/Kg
P4264-03	DCYN7	Solid	Acenaphthene		14,000.000	E 36	210	ug/Kg
P4264-03	DCYN7	Solid	Acenaphthylene		520.000	40	210	ug/Kg
P4264-03	DCYN7	Solid	Anthracene		6,000.000	E 31	210	ug/Kg
P4264-03	DCYN7	Solid	Benzo(a)anthracene		8,000.000	E 34	210	ug/Kg
P4264-03	DCYN7	Solid	Benzo(a)pyrene		1,500.000	40	210	ug/Kg
P4264-03	DCYN7	Solid	Benzo(b)fluoranthene		4,500.000	E 41	210	ug/Kg
P4264-03	DCYN7	Solid	Benzo(g,h,i)perylene		96.000	J 32	210	ug/Kg
P4264-03	DCYN7	Solid	Benzo(k)fluoranthene		1,400.000	47	210	ug/Kg
P4264-03	DCYN7	Solid	Chrysene		6,500.000	E 39	210	ug/Kg
P4264-03	DCYN7	Solid	Dibenzo(a,h)anthracene		290.000	35	210	ug/Kg
P4264-03	DCYN7	Solid	Fluoranthene		22,000.000	E 67	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-03	DCYN7	Solid	Fluorene	12,000.000	E	31	210	ug/Kg
P4264-03	DCYN7	Solid	Indeno(1,2,3-cd)pyrene	610.000		39	210	ug/Kg
P4264-03	DCYN7	Solid	Naphthalene	84,000.000	E	31	210	ug/Kg
P4264-03	DCYN7	Solid	Phenanthrene	41,000.000	E	36	210	ug/Kg
P4264-03	DCYN7	Solid	Pyrene	17,000.000	E	61	210	ug/Kg
Total Svoc :				267,416.00				
Total Concentration:				294,196.00				
Client ID : DCYN7DL								
P4264-03DL	DCYN7DL	Solid	1-Isopropenyl naphthalene	*	2,400.000	JD		
P4264-03DL	DCYN7DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	9,700.000	JD		
P4264-03DL	DCYN7DL	Solid	2-Cyclohexen-1-one	*	2,800.000	JD		
P4264-03DL	DCYN7DL	Solid	2-Naphthalenecarbonitrile	*	2,700.000	JD		
P4264-03DL	DCYN7DL	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	4,100.000	JD		
P4264-03DL	DCYN7DL	Solid	4H-Cyclopenta[def]phenanthrene	*	12,000.000	JD		
P4264-03DL	DCYN7DL	Solid	5H-Indeno[1,2-b]pyridine	*	3,600.000	JD		
P4264-03DL	DCYN7DL	Solid	9H-Fluoren-9-one	*	4,000.000	JD		
P4264-03DL	DCYN7DL	Solid	9H-Fluorene, 3-methyl-	*	3,300.000	JD		
P4264-03DL	DCYN7DL	Solid	Anthracene, 1-methyl-	*	3,100.000	JD		
P4264-03DL	DCYN7DL	Solid	Anthracene, 2-methyl-	*	4,100.000	JD		
P4264-03DL	DCYN7DL	Solid	Biphenyl	*	14,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Cyclohexene	*	28,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Dibenzo furan	*	50,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Dibenzofuran, 4-methyl-	*	12,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Dibenzothiophene	*	10,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Diphenylmethane	*	3,300.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 1,4,6-trimethyl-	*	2,300.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 1,5-dimethyl-	*	4,700.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	2,900.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 1,6-dimethyl-	*	7,700.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 1-ethyl-	*	5,900.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	2,600.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 2,3-dimethyl-	*	12,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Naphthalene, 2-phenyl-	*	6,800.000	JD		
P4264-03DL	DCYN7DL	Solid	Nordiphenamid	*	5,700.000	JD		
P4264-03DL	DCYN7DL	Solid	Phenanthrene, 1-methyl-	*	12,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Phenanthrene, 2,5-dimethyl-	*	3,000.000	JD		
P4264-03DL	DCYN7DL	Solid	Phenanthrene, 2-methyl-	*	9,900.000	JD		
P4264-03DL	DCYN7DL	Solid	Total Alkanes	*	0.000	D 300	2100	ug/Kg
Total Tics :				244,600.00				
P4264-03DL	DCYN7DL	Solid	1-Methylnaphthalene		24,000.000	D 410	2100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4264-03DL	DCYN7DL	Solid	2-Methylnaphthalene	23,000.000	D	290	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Acenaphthene	25,000.000	D	360	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Anthracene	9,400.000	D	310	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Benzo(a)anthracene	11,000.000	D	340	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Benzo(a)pyrene	2,100.000	D	400	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Benzo(b)fluoranthene	6,300.000	D	410	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Benzo(k)fluoranthene	2,200.000	D	470	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Chrysene	9,800.000	D	390	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Fluoranthene	68,000.000	ED	670	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Fluorene	23,000.000	D	310	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Indeno(1,2,3-cd)pyrene	770.000	JD	390	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Naphthalene	140,000.000	ED	310	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Phenanthrene	140,000.000	ED	360	2100	ug/Kg
P4264-03DL	DCYN7DL	Solid	Pyrene	37,000.000	ED	610	2100	ug/Kg

Total Svoc : 521,570.00

Total Concentration: 766,170.00

Client ID : DCYN8

P4264-04	DCYN8	Solid	4H-Cyclopenta[def]phenanthrene *	170.000	J			
P4264-04	DCYN8	Solid	Benzophenone *	490.000	J			
P4264-04	DCYN8	Solid	Dibenzo furan *	380.000	J			
P4264-04	DCYN8	Solid	Dibenzofuran, 4-methyl- *	120.000	J			
P4264-04	DCYN8	Solid	Dibenzothiophene *	150.000	J			
P4264-04	DCYN8	Solid	Octacosyl acetate *	130.000	J			
P4264-04	DCYN8	Solid	Phenanthrene, 1-methyl- *	370.000	J			
P4264-04	DCYN8	Solid	Phenanthrene, 2-methyl- *	130.000	J			
P4264-04	DCYN8	Solid	Total Alkanes *	0.000		32	230	ug/Kg

Total Tics : 1,940.00

P4264-04	DCYN8	Solid	1-Methylnaphthalene	85.000	J	44	230	ug/Kg
P4264-04	DCYN8	Solid	2-Methylnaphthalene	140.000	J	31	230	ug/Kg
P4264-04	DCYN8	Solid	Acenaphthene	210.000	J	39	230	ug/Kg
P4264-04	DCYN8	Solid	Anthracene	130.000	J	34	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(a)anthracene	130.000	J	36	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(b)fluoranthene	63.000	J	44	230	ug/Kg
P4264-04	DCYN8	Solid	Chrysene	110.000	J	42	230	ug/Kg
P4264-04	DCYN8	Solid	Fluoranthene	830.000		73	230	ug/Kg
P4264-04	DCYN8	Solid	Fluorene	270.000		34	230	ug/Kg
P4264-04	DCYN8	Solid	Naphthalene	130.000	J	34	230	ug/Kg
P4264-04	DCYN8	Solid	Phenanthrene	1,600.000		39	230	ug/Kg
P4264-04	DCYN8	Solid	Pyrene	490.000		66	230	ug/Kg

Total Svoc : 4,188.00

Hit Summary Sheet SW-846

SDG No.: BP101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				6,128.00				
Client ID : DCYN9								
P4264-05	DCYN9	Solid	Benzophenone	*	280.000	J		
P4264-05	DCYN9	Solid	E-15-Heptadecenal	*	110.000	J		
P4264-05	DCYN9	Solid	n-Hexadecanoic acid	*	220.000	J		
P4264-05	DCYN9	Solid	Total Alkanes	*	0.000	28	190	ug/Kg
Total Tics :				610.00				
P4264-05	DCYN9	Solid	Benzo(b)fluoranthene		75.000	J 38	190	ug/Kg
P4264-05	DCYN9	Solid	Chrysene		56.000	J 36	190	ug/Kg
Total Svoc :				131.00				
Total Concentration:				741.00				
Client ID : DCYO0								
P4264-08	DCYO0	Solid	Benzophenone	*	360.000	J		
P4264-08	DCYO0	Solid	Heptafluorobutyric acid, pentadec	*	95.000	J		
P4264-08	DCYO0	Solid	n-Hexadecanoic acid	*	140.000	J		
P4264-08	DCYO0	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				595.00				
Total Concentration:				595.00				
Client ID : DCYO3								
P4264-11	DCYO3	Solid	Benzophenone	*	290.000	J		
P4264-11	DCYO3	Solid	n-Hexadecanoic acid	*	120.000	J		
P4264-11	DCYO3	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :				410.00				
Total Concentration:				410.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:	RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
	RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100724

SAS No.: BP100724

SDG No.: BP100724

Instrument ID: _____

Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis (1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo (a) anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis (2-ethylhexyl) phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo (b) fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo (k) fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo (a) pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno (1,2,3-cd) pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo (a,h) anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo (g,h,i) perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

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.: BP100724 SAS No.: BP100724 SDG No.: BP100724
Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____
Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D	
		RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:10

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	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK884	125399	7.70	467906	10.46	370195	14.32
02	SBLK924	117739	7.71	457238	10.46	370141	14.33
03	DCYN5	109238	7.70	421913	10.47	339465	14.32
04	DCYN6	142650	7.70	432552	10.48	443649	14.33
05	DCYN7	145013	7.70	351028	10.47	465201	14.32
06	DCYN8	120476	7.70	472090	10.46	372661	14.32
07	DCYN9	113951	7.70	431000	10.46	327243	14.32
08	DCYN9MS	117079	7.70	446967	10.46	354297	14.31
09	DCYN9MSD	156436	7.70	603631	10.46	475340	14.32
10	SBLK830	104173	7.70	389035	10.46	297731	14.32
11	DCYO0	102109	7.70	398422	10.45	324760	14.32
12	DCYO3	113176	7.69	434498	10.45	343202	14.32
13	A4EQ7	101999	7.70	382711	10.46	302230	14.32
14	A4F26	110733	7.70	427549	10.46	337430	14.32
15	A4F32	100543	7.70	386860	10.46	306804	14.31
16	A4EN9	108791	7.70	430135	10.46	344510	14.32
17	A4EP6	110240	7.70	429607	10.46	337937	14.31
18	A4EQ0	123186	7.70	495193	10.46	389270	14.31
19	A4F11	102872	7.70	395868	10.45	314310	14.30
20	A4EP7	95663	7.70	372743	10.46	303585	14.31
21	SLCS830	103180	7.70	407767	10.46	330735	14.30
22	SLCS884	144709	7.70	549864	10.46	459611	14.31
23	SLCS924	117352	7.70	456333	10.46	365153	14.31

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 04:57

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	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						
24 SBLK884	113879	7.70	450108	10.45	373044	14.31
25 SBLK091	96262	7.70	370031	10.46	291387	14.31
26 A4F23	85863	7.70	330377	10.46	269410	14.31
27 A4F22	88592	7.70	336722	10.45	265566	14.30
28 DCYN5DL	91024	7.70	368578	10.46	295794	14.30
29 DCYN6DL	90199	7.70	339348	10.46	268944	14.32
30 DCYN7DL	95359	7.70	375989	10.46	298692	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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020799 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022349.D Time Analyzed: 11:10

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	121920	7.693	467831	10.45	365132	14.31
UPPER LIMIT	243840	8.193	935662	10.951	730264	14.81
LOWER LIMIT	60960	7.193	233915.5	9.951	182566	13.81
EPA SAMPLE NO.						
01 SBLK884	125399	7.70	467906	10.46	370195	14.32
02 SBLK924	117739	7.71	457238	10.46	370141	14.33
03 DCYN5	109238	7.70	421913	10.47	339465	14.32
04 DCYN6	142650	7.70	432552	10.48	443649	14.33
05 DCYN7	145013	7.70	351028	10.47	465201	14.32
06 DCYN8	120476	7.70	472090	10.46	372661	14.32
07 DCYN9	113951	7.70	431000	10.46	327243	14.32
08 DCYN9MS	117079	7.70	446967	10.46	354297	14.31
09 DCYN9MSD	156436	7.70	603631	10.46	475340	14.32

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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020651 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022359.D Time Analyzed: 18:01

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	129655	7.699	496074	10.46	389692	14.30
UPPER LIMIT	259310	8.199	992148	10.957	779384	14.804
LOWER LIMIT	64827.5	7.199	248037	9.957	194846	13.804
EPA SAMPLE NO.						
01 SBLK830	104173	7.70	389035	10.46	297731	14.32
02 DCYO0	102109	7.70	398422	10.45	324760	14.32
03 DCYO3	113176	7.69	434498	10.45	343202	14.32
04 A4EQ7	101999	7.70	382711	10.46	302230	14.32
05 A4F26	110733	7.70	427549	10.46	337430	14.32
06 A4F32	100543	7.70	386860	10.46	306804	14.31
07 A4EN9	108791	7.70	430135	10.46	344510	14.32
08 A4EP6	110240	7.70	429607	10.46	337937	14.31
09 A4EQ0	123186	7.70	495193	10.46	389270	14.31
10 A4F11	102872	7.70	395868	10.45	314310	14.30
11 A4EP7	95663	7.70	372743	10.46	303585	14.31
12 SLCS830	103180	7.70	407767	10.46	330735	14.30
13 SLCS884	144709	7.70	549864	10.46	459611	14.31
14 SLCS924	117352	7.70	456333	10.46	365153	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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020652 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BP022374.D Time Analyzed: 04:57

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	119365	7.699	481247	10.46	395287	14.32
UPPER LIMIT	238730	8.199	962494	10.957	790574	14.816
LOWER LIMIT	59682.5	7.199	240623.5	9.957	197643.5	13.816
EPA SAMPLE NO.						
01 SBLK884	113879	7.70	450108	10.45	373044	14.31
02 SBLK091	96262	7.70	370031	10.46	291387	14.31
03 A4F23	85863	7.70	330377	10.46	269410	14.31
04 A4F22	88592	7.70	336722	10.45	265566	14.30
05 DCYN5DL	91024	7.70	368578	10.46	295794	14.30
06 DCYN6DL	90199	7.70	339348	10.46	268944	14.32
07 DCYN7DL	95359	7.70	375989	10.46	298692	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:10

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	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK884	943289	17.12	1.05517e+	21.56	1.15929e+	24.86
02	SBLK924	928722	17.12	983388	21.55	1.13222e+	24.85
03	DCYN5	862773	17.12	1.0377e+0	21.57	1.26292e+	24.87
04	DCYN6	900448	17.15	993855	21.58	1.2388e+0	24.87
05	DCYN7	895926	17.15	981458	21.59	1.21682e+	24.89
06	DCYN8	917176	17.12	998758	21.56	1.15071e+	24.86
07	DCYN9	825562	17.12	931591	21.56	1.10441e+	24.86
08	DCYN9MS	880265	17.12	934161	21.55	1.11168e+	24.85
09	DCYN9MSD	1.16914	17.12	1.22603e+	21.56	1.40506e+	24.87
10	SBLK830	750021	17.12	806711	21.56	903992	24.84
11	DCYO0	828618	17.12	897999	21.56	1.06146e+	24.86
12	DCYO3	866036	17.12	979735	21.55	1.16996e+	24.85
13	A4EQ7	760646	17.12	862003	21.55	1.02604e+	24.84
14	A4F26	825539	17.12	845626	21.53	1.00721e+	24.82
15	A4F32	775219	17.10	811887	21.55	980996	24.84
16	A4EN9	846656	17.12	926614	21.55	1.10159e+	24.83
17	A4EP6	831312	17.11	872958	21.53	1.05511e+	24.83
18	A4EQ0	950307	17.10	945281	21.55	1.11375e+	24.84
19	A4F11	779885	17.12	807519	21.54	941055	24.85
20	A4EP7	803766	17.11	876237	21.55	1.02716e+	24.84
21	SLCS830	817486	17.10	854475	21.55	988954	24.83

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 02:13

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	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						
22 SLCS884	1.16556	17.11	1.26793e+	21.55	1.42922e+	24.85
23 SLCS924	934507	17.12	997523	21.53	1.16033e+	24.82
24 SBLK884	949190	17.12	1.03197e+	21.56	1.15072e+	24.86
25 SBLK091	748332	17.11	799306	21.55	915668	24.86
26 A4F23	659806	17.12	717552	21.55	881569	24.85
27 A4F22	646823	17.12	744514	21.55	907686	24.85
28 DCYN5DL	706580	17.10	731176	21.55	851552	24.85
29 DCYN6DL	691297	17.12	799470	21.55	988400	24.83
30 DCYN7DL	739287	17.12	809912	21.56	964568	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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020799 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022349.D Time Analyzed: 11:10

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	912365	17.11	989095	21.551	1.15307e+01	24.845
UPPER LIMIT	1824730	17.61	1978190	22.051	2306140	25.345
LOWER LIMIT	456182.5	16.61	494547.5	21.051	576535	24.345
EPA SAMPLE NO.						
01 SBLK884	943289	17.12	1.05517e+	21.56	1.15929e+	24.86
02 SBLK924	928722	17.12	983388	21.55	1.13222e+	24.85
03 DCYN5	862773	17.12	1.0377e+0	21.57	1.26292e+	24.87
04 DCYN6	900448	17.15	993855	21.58	1.2388e+0	24.87
05 DCYN7	895926	17.15	981458	21.59	1.21682e+	24.89
06 DCYN8	917176	17.12	998758	21.56	1.15071e+	24.86
07 DCYN9	825562	17.12	931591	21.56	1.10441e+	24.86
08 DCYN9MS	880265	17.12	934161	21.55	1.11168e+	24.85
09 DCYN9MSD	1.16914	17.12	1.22603e+	21.56	1.40506e+	24.87

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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020651 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BP022359.D Time Analyzed: 18:01

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	975384	17.11	1.02347e+	21.557	1.17325e+01	24.851
UPPER LIMIT	1950768	17.61	2046940	22.057	2346500	25.351
LOWER LIMIT	487692	16.61	511735	21.057	586625	24.351
EPA SAMPLE NO.						
01 SBLK830	750021	17.12	806711	21.56	903992	24.84
02 DCYO0	828618	17.12	897999	21.56	1.06146e+	24.86
03 DCYO3	866036	17.12	979735	21.55	1.16996e+	24.85
04 A4EQ7	760646	17.12	862003	21.55	1.02604e+	24.84
05 A4F26	825539	17.12	845626	21.53	1.00721e+	24.82
06 A4F32	775219	17.10	811887	21.55	980996	24.84
07 A4EN9	846656	17.12	926614	21.55	1.10159e+	24.83
08 A4EP6	831312	17.11	872958	21.53	1.05511e+	24.83
09 A4EQ0	950307	17.10	945281	21.55	1.11375e+	24.84
10 A4F11	779885	17.12	807519	21.54	941055	24.85
11 A4EP7	803766	17.11	876237	21.55	1.02716e+	24.84
12 SLCS830	817486	17.10	854475	21.55	988954	24.83
13 SLCS884	1.16556	17.11	1.26793e+	21.55	1.42922e+	24.85
14 SLCS924	934507	17.12	997523	21.53	1.16033e+	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 LOWER 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.: BP101424 SAS No.: BP101424 SDG NO.: BP101424

EPA Sample No.: SSTD020652 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BP022374.D Time Analyzed: 04:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.00637e+01	17.122	1.08446e+01	21.557	1.24981e+01	24.857
UPPER LIMIT	2012740	17.622	2168920	22.057	2499620	25.357
LOWER LIMIT	503185	16.622	542230	21.057	624905	24.357
EPA SAMPLE NO.						
01 SBLK884	949190	17.12	1.03197e+01	21.56	1.15072e+01	24.86
02 SBLK091	748332	17.11	799306	21.55	915668	24.86
03 A4F23	659806	17.12	717552	21.55	881569	24.85
04 A4F22	646823	17.12	744514	21.55	907686	24.85
05 DCYN5DL	706580	17.10	731176	21.55	851552	24.85
06 DCYN6DL	691297	17.12	799470	21.55	988400	24.83
07 DCYN7DL	739287	17.12	809912	21.56	964568	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163830BS	1,4-Dioxane	530	260	ug/Kg	49				0	0		
	Benzaldehyde	1300	800	ug/Kg	62				0	0		
	Pyridine	1300	660	ug/Kg	51				0	0		
	Phenol	1300	760	ug/Kg	58				0	0		
	Bis(2-chloroethyl)ether	1300	740	ug/Kg	57				0	0		
	2-Chlorophenol	1300	790	ug/Kg	61				0	0		
	2-Methylphenol	1300	760	ug/Kg	58				0	0		
	2,2-oxybis(1-Chloropropane)	1300	710	ug/Kg	55				0	0		
	Acetophenone	1300	750	ug/Kg	58				0	0		
	4-Methylphenol	1300	760	ug/Kg	58				0	0		
	N-Nitroso-di-n-propylamine	1300	730	ug/Kg	56				0	0		
	Hexachloroethane	1300	760	ug/Kg	58				0	0		
	Nitrobenzene	1300	720	ug/Kg	55				0	0		
	Isophorone	1300	730	ug/Kg	56				0	0		
	2-Nitrophenol	1300	790	ug/Kg	61				0	0		
	2,4-Dimethylphenol	1300	630	ug/Kg	48				0	0		
	Bis(2-chloroethoxy)methane	1300	720	ug/Kg	55				0	0		
	2,4-Dichlorophenol	1300	810	ug/Kg	62				0	0		
	Naphthalene	1300	750	ug/Kg	58				0	0		
	4-Chloroaniline	1300	620	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	750	ug/Kg	58				0	0		
	Caprolactam	1300	750	ug/Kg	58				0	0		
	4-Chloro-3-methylphenol	1300	810	ug/Kg	62				0	0		
	1-Methylnaphthalene	1300	750	ug/Kg	58				0	0		
	2-Methylnaphthalene	1300	760	ug/Kg	58				0	0		
	Hexachlorocyclopentadiene	1300	390	ug/Kg	30				0	0		
	2,4,6-Trichlorophenol	1300	760	ug/Kg	58				0	0		
	2,4,5-Trichlorophenol	1300	790	ug/Kg	61				0	0		
	1,1'-Biphenyl	1300	730	ug/Kg	56				0	0		
	2-Chloronaphthalene	1300	750	ug/Kg	58				0	0		
	2-Nitroaniline	1300	760	ug/Kg	58				0	0		
	Dimethylphthalate	1300	720	ug/Kg	55				0	0		
	2,6-Dinitrotoluene	1300	800	ug/Kg	62				0	0		
	Acenaphthylene	1300	750	ug/Kg	58				0	0		
	3-Nitroaniline	1300	810	ug/Kg	62				0	0		
	Acenaphthene	1300	750	ug/Kg	58				0	0		
	2,4-Dinitrophenol	1300	670	ug/Kg	52				0	0		
	4-Nitrophenol	1300	780	ug/Kg	60				0	0		
	Dibenzofuran	1300	750	ug/Kg	58				0	0		
	2,4-Dinitrotoluene	1300	800	ug/Kg	62				0	0		
	Diethylphthalate	1300	720	ug/Kg	55				0	0		
	Fluorene	1300	750	ug/Kg	58				0	0		
	4-Chlorophenyl-phenylether	1300	750	ug/Kg	58				0	0		
	4-Nitroaniline	1300	900	ug/Kg	69				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163830BS	4,6-Dinitro-2-methylphenol	1300	720	ug/Kg	55				0	0		
	N-Nitrosodiphenylamine	1300	750	ug/Kg	58				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	750	ug/Kg	58				0	0		
	4-Bromophenyl-phenylether	1300	780	ug/Kg	60				0	0		
	Hexachlorobenzene	1300	790	ug/Kg	61				0	0		
	Atrazine	1300	590	ug/Kg	45				0	0		
	Pentachlorophenol	1300	740	ug/Kg	57				0	0		
	Phenanthrene	1300	760	ug/Kg	58				0	0		
	Pentachlorobenzene	1300	730	ug/Kg	56				0	0		
	Anthracene	1300	760	ug/Kg	58				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	730	ug/Kg	56				0	0		
	Carbazole	1300	780	ug/Kg	60				0	0		
	Di-n-butylphthalate	1300	760	ug/Kg	58				0	0		
	Fluoranthene	1300	850	ug/Kg	65				0	0		
	Pyrene	1300	830	ug/Kg	64				0	0		
	Butylbenzylphthalate	1300	820	ug/Kg	63				0	0		
	3,3'-Dichlorobenzidine	1300	810	ug/Kg	62				0	0		
	Benzo(a)anthracene	1300	770	ug/Kg	59				0	0		
	Chrysene	1300	780	ug/Kg	60				0	0		
	Bis(2-ethylhexyl)phthalate	1300	780	ug/Kg	60				0	0		
	Di-n-octylphthalate	1300	790	ug/Kg	61				0	0		
	Benzo(b)fluoranthene	1300	800	ug/Kg	62				0	0		
	Benzo(k)fluoranthene	1300	780	ug/Kg	60				0	0		
	Benzo(a)pyrene	1300	760	ug/Kg	58				0	0		
	Indeno(1,2,3-cd)pyrene	1300	780	ug/Kg	60				0	0		
	Dibenzo(a,h)anthracene	1300	770	ug/Kg	59				0	0		
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0		
	2,3,4,6-Tetrachlorophenol	1300	760	ug/Kg	58				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163884BS	1,4-Dioxane	530	230	ug/Kg	43				0	0		
	Benzaldehyde	1300	740	ug/Kg	57				0	0		
	Pyridine	1300	610	ug/Kg	47				0	0		
	Phenol	1300	710	ug/Kg	55				0	0		
	Bis(2-chloroethyl)ether	1300	690	ug/Kg	53				0	0		
	2-Chlorophenol	1300	750	ug/Kg	58				0	0		
	2-Methylphenol	1300	710	ug/Kg	55				0	0		
	2,2-oxybis(1-Chloropropane)	1300	670	ug/Kg	52				0	0		
	Acetophenone	1300	700	ug/Kg	54				0	0		
	4-Methylphenol	1300	700	ug/Kg	54				0	0		
	N-Nitroso-di-n-propylamine	1300	700	ug/Kg	54				0	0		
	Hexachloroethane	1300	730	ug/Kg	56				0	0		
	Nitrobenzene	1300	710	ug/Kg	55				0	0		
	Isophorone	1300	710	ug/Kg	55				0	0		
	2-Nitrophenol	1300	770	ug/Kg	59				0	0		
	2,4-Dimethylphenol	1300	590	ug/Kg	45				0	0		
	Bis(2-chloroethoxy)methane	1300	710	ug/Kg	55				0	0		
	2,4-Dichlorophenol	1300	770	ug/Kg	59				0	0		
	Naphthalene	1300	730	ug/Kg	56				0	0		
	4-Chloroaniline	1300	590	ug/Kg	45				0	0		
	Hexachlorobutadiene	1300	740	ug/Kg	57				0	0		
	Caprolactam	1300	720	ug/Kg	55				0	0		
	4-Chloro-3-methylphenol	1300	780	ug/Kg	60				0	0		
	1-Methylnaphthalene	1300	730	ug/Kg	56				0	0		
	2-Methylnaphthalene	1300	740	ug/Kg	57				0	0		
	Hexachlorocyclopentadiene	1300	430	ug/Kg	33				0	0		
	2,4,6-Trichlorophenol	1300	710	ug/Kg	55				0	0		
	2,4,5-Trichlorophenol	1300	740	ug/Kg	57				0	0		
	1,1'-Biphenyl	1300	690	ug/Kg	53				0	0		
	2-Chloronaphthalene	1300	710	ug/Kg	55				0	0		
	2-Nitroaniline	1300	720	ug/Kg	55				0	0		
	Dimethylphthalate	1300	690	ug/Kg	53				0	0		
	2,6-Dinitrotoluene	1300	800	ug/Kg	62				0	0		
	Acenaphthylene	1300	730	ug/Kg	56				0	0		
	3-Nitroaniline	1300	790	ug/Kg	61				0	0		
	Acenaphthene	1300	720	ug/Kg	55				0	0		
	2,4-Dinitrophenol	1300	710	ug/Kg	55				0	0		
	4-Nitrophenol	1300	750	ug/Kg	58				0	0		
	Dibenzofuran	1300	730	ug/Kg	56				0	0		
	2,4-Dinitrotoluene	1300	800	ug/Kg	62				0	0		
	Diethylphthalate	1300	720	ug/Kg	55				0	0		
	Fluorene	1300	740	ug/Kg	57				0	0		
	4-Chlorophenyl-phenylether	1300	730	ug/Kg	56				0	0		
	4-Nitroaniline	1300	890	ug/Kg	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163884BS	4,6-Dinitro-2-methylphenol	1300	710	ug/Kg	55				0	0	
	N-Nitrosodiphenylamine	1300	710	ug/Kg	55				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	710	ug/Kg	55				0	0	
	4-Bromophenyl-phenylether	1300	740	ug/Kg	57				0	0	
	Hexachlorobenzene	1300	750	ug/Kg	58				0	0	
	Atrazine	1300	530	ug/Kg	41				0	0	
	Pentachlorophenol	1300	720	ug/Kg	55				0	0	
	Phenanthrene	1300	730	ug/Kg	56				0	0	
	Pentachlorobenzene	1300	680	ug/Kg	52				0	0	
	Anthracene	1300	720	ug/Kg	55				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	680	ug/Kg	52				0	0	
	Carbazole	1300	750	ug/Kg	58				0	0	
	Di-n-butylphthalate	1300	740	ug/Kg	57				0	0	
	Fluoranthene	1300	800	ug/Kg	62				0	0	
	Pyrene	1300	790	ug/Kg	61				0	0	
	Butylbenzylphthalate	1300	780	ug/Kg	60				0	0	
	3,3'-Dichlorobenzidine	1300	770	ug/Kg	59				0	0	
	Benzo(a)anthracene	1300	730	ug/Kg	56				0	0	
	Chrysene	1300	730	ug/Kg	56				0	0	
	Bis(2-ethylhexyl)phthalate	1300	760	ug/Kg	58				0	0	
	Di-n-octylphthalate	1300	790	ug/Kg	61				0	0	
	Benzo(b)fluoranthene	1300	760	ug/Kg	58				0	0	
	Benzo(k)fluoranthene	1300	770	ug/Kg	59				0	0	
	Benzo(a)pyrene	1300	720	ug/Kg	55				0	0	
	Indeno(1,2,3-cd)pyrene	1300	730	ug/Kg	56				0	0	
	Dibenzo(a,h)anthracene	1300	720	ug/Kg	55				0	0	
	Benzo(g,h,i)perylene	1300	730	ug/Kg	56				0	0	
	2,3,4,6-Tetrachlorophenol	1300	740	ug/Kg	57				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163924BS	1,4-Dioxane	530	280	ug/Kg	53				0	0		
	Benzaldehyde	1300	850	ug/Kg	65				0	0		
	Pyridine	1300	690	ug/Kg	53				0	0		
	Phenol	1300	820	ug/Kg	63				0	0		
	Bis(2-chloroethyl)ether	1300	800	ug/Kg	62				0	0		
	2-Chlorophenol	1300	860	ug/Kg	66				0	0		
	2-Methylphenol	1300	820	ug/Kg	63				0	0		
	2,2-oxybis(1-Chloropropane)	1300	760	ug/Kg	58				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	790	ug/Kg	61				0	0		
	Hexachloroethane	1300	830	ug/Kg	64				0	0		
	Nitrobenzene	1300	790	ug/Kg	61				0	0		
	Isophorone	1300	790	ug/Kg	61				0	0		
	2-Nitrophenol	1300	870	ug/Kg	67				0	0		
	2,4-Dimethylphenol	1300	700	ug/Kg	54				0	0		
	Bis(2-chloroethoxy)methane	1300	780	ug/Kg	60				0	0		
	2,4-Dichlorophenol	1300	880	ug/Kg	68				0	0		
	Naphthalene	1300	820	ug/Kg	63				0	0		
	4-Chloroaniline	1300	670	ug/Kg	52				0	0		
	Hexachlorobutadiene	1300	810	ug/Kg	62				0	0		
	Caprolactam	1300	820	ug/Kg	63				0	0		
	4-Chloro-3-methylphenol	1300	870	ug/Kg	67				0	0		
	1-Methylnaphthalene	1300	820	ug/Kg	63				0	0		
	2-Methylnaphthalene	1300	830	ug/Kg	64				0	0		
	Hexachlorocyclopentadiene	1300	460	ug/Kg	35				0	0		
	2,4,6-Trichlorophenol	1300	830	ug/Kg	64				0	0		
	2,4,5-Trichlorophenol	1300	860	ug/Kg	66				0	0		
	1,1'-Biphenyl	1300	810	ug/Kg	62				0	0		
	2-Chloronaphthalene	1300	820	ug/Kg	63				0	0		
	2-Nitroaniline	1300	840	ug/Kg	65				0	0		
	Dimethylphthalate	1300	780	ug/Kg	60				0	0		
	2,6-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Acenaphthylene	1300	830	ug/Kg	64				0	0		
	3-Nitroaniline	1300	890	ug/Kg	68				0	0		
	Acenaphthene	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrophenol	1300	800	ug/Kg	62				0	0		
	4-Nitrophenol	1300	880	ug/Kg	68				0	0		
	Dibenzofuran	1300	830	ug/Kg	64				0	0		
	2,4-Dinitrotoluene	1300	910	ug/Kg	70				0	0		
	Diethylphthalate	1300	810	ug/Kg	62				0	0		
	Fluorene	1300	840	ug/Kg	65				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.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163924BS	4,6-Dinitro-2-methylphenol	1300	780	ug/Kg	60				0	0	
	N-Nitrosodiphenylamine	1300	800	ug/Kg	62				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	830	ug/Kg	64				0	0	
	4-Bromophenyl-phenylether	1300	830	ug/Kg	64				0	0	
	Hexachlorobenzene	1300	840	ug/Kg	65				0	0	
	Atrazine	1300	580	ug/Kg	45				0	0	
	Pentachlorophenol	1300	800	ug/Kg	62				0	0	
	Phenanthrene	1300	830	ug/Kg	64				0	0	
	Pentachlorobenzene	1300	770	ug/Kg	59				0	0	
	Anthracene	1300	830	ug/Kg	64				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	780	ug/Kg	60				0	0	
	Carbazole	1300	830	ug/Kg	64				0	0	
	Di-n-butylphthalate	1300	820	ug/Kg	63				0	0	
	Fluoranthene	1300	920	ug/Kg	71				0	0	
	Pyrene	1300	890	ug/Kg	68				0	0	
	Butylbenzylphthalate	1300	870	ug/Kg	67				0	0	
	3,3'-Dichlorobenzidine	1300	880	ug/Kg	68				0	0	
	Benzo(a)anthracene	1300	840	ug/Kg	65				0	0	
	Chrysene	1300	840	ug/Kg	65				0	0	
	Bis(2-ethylhexyl)phthalate	1300	840	ug/Kg	65				0	0	
	Di-n-octylphthalate	1300	830	ug/Kg	64				0	0	
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0	
	Benzo(k)fluoranthene	1300	860	ug/Kg	66				0	0	
	Benzo(a)pyrene	1300	830	ug/Kg	64				0	0	
	Indeno(1,2,3-cd)pyrene	1300	830	ug/Kg	64				0	0	
	Dibenzo(a,h)anthracene	1300	830	ug/Kg	64				0	0	
	Benzo(g,h,i)perylene	1300	820	ug/Kg	63				0	0	
	2,3,4,6-Tetrachlorophenol	1300	840	ug/Kg	65				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK830

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101424

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022360.D

Lab Sample ID: PB163830BL

Instrument ID: BNA_P

Date Extracted: 10/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 18:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F23	P4237-09	BP022377.D	10/15/2024
A4F22	P4237-08	BP022378.D	10/15/2024
A4EQ7	P4237-20	BP022363.D	10/14/2024
A4F26	P4237-11	BP022364.D	10/14/2024
A4F32	P4237-12	BP022365.D	10/14/2024
A4EN9	P4237-16	BP022366.D	10/14/2024
A4EP6	P4237-17	BP022367.D	10/14/2024
A4EQ0	P4237-19	BP022368.D	10/14/2024
A4F11	P4237-06	BP022369.D	10/15/2024
A4EP7	P4237-18	BP022370.D	10/15/2024
PB163830BS	PB163830BS	BP022371.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK884

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101424

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022350.D

Lab Sample ID: PB163884BL

Instrument ID: BNA_P

Date Extracted: 10/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 11:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163884BS	PB163884BS	BP022372.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK924

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101424

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022351.D

Lab Sample ID: PB163924BL

Instrument ID: BNA_P

Date Extracted: 10/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 11:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCYN5	P4264-01	BP022352.D	10/14/2024
DCYN6	P4264-02	BP022353.D	10/14/2024
DCYN7	P4264-03	BP022354.D	10/14/2024
DCYN8	P4264-04	BP022355.D	10/14/2024
DCYN9	P4264-05	BP022356.D	10/14/2024
DCYN9MS	P4264-06MS	BP022357.D	10/14/2024
DCYN9MSD	P4264-07MSD	BP022358.D	10/14/2024
PB163924BS	PB163924BS	BP022373.D	10/15/2024
DCYO0	P4264-08	BP022361.D	10/14/2024
DCYO3	P4264-11	BP022362.D	10/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK091

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101424

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022376.D

Lab Sample ID: PB164091BL

Instrument ID: BNA_P

Date Extracted: 10/11/2024

Matrix: (soil/water) Water

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 05:37

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.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4264-06MS	Client Sample ID:	DCYN9MS				DataFile:	BP022357.D			
1,4-Dioxane	610		380	ug/Kg	62				15	120	
Benzaldehyde	1500		1200	ug/Kg	80				0	0	
Pyridine	1500		1000	ug/Kg	67				0	0	
Phenol	1500		1200	ug/Kg	80				26	90	
Bis(2-chloroethyl)ether	1500		1200	ug/Kg	80				0	0	
2-Chlorophenol	1500		1300	ug/Kg	87				25	102	
2-Methylphenol	1500		1200	ug/Kg	80				0	0	
2,2-oxybis(1-Chloropropane)	1500		1100	ug/Kg	73				0	0	
Acetophenone	1500		1200	ug/Kg	80				0	0	
4-Methylphenol	1500		1200	ug/Kg	80				0	0	
N-Nitroso-di-n-propylamine	1500		1200	ug/Kg	80				41	126	
Hexachloroethane	1500		1200	ug/Kg	80				0	0	
Nitrobenzene	1500		1200	ug/Kg	80				0	0	
Isophorone	1500		1200	ug/Kg	80				0	0	
2-Nitrophenol	1500		1300	ug/Kg	87				0	0	
2,4-Dimethylphenol	1500		1200	ug/Kg	80				0	0	
Bis(2-chloroethoxy)methane	1500		1200	ug/Kg	80				0	0	
2,4-Dichlorophenol	1500		1300	ug/Kg	87				0	0	
Naphthalene	1500		1300	ug/Kg	87				0	0	
4-Chloroaniline	1500		970	ug/Kg	65				0	0	
Hexachlorobutadiene	1500		1200	ug/Kg	80				0	0	
Caprolactam	1500		1200	ug/Kg	80				0	0	
4-Chloro-3-methylphenol	1500		1300	ug/Kg	87				26	103	
1-Methylnaphthalene	1500		1200	ug/Kg	80				0	0	
2-Methylnaphthalene	1500		1300	ug/Kg	87				0	0	
Hexachlorocyclopentadiene	1500		720	ug/Kg	48				0	0	
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
1,1'-Biphenyl	1500		1200	ug/Kg	80				0	0	
2-Chloronaphthalene	1500		1300	ug/Kg	87				0	0	
2-Nitroaniline	1500		1200	ug/Kg	80				0	0	
Dimethylphthalate	1500		1200	ug/Kg	80				0	0	
2,6-Dinitrotoluene	1500		1400	ug/Kg	93				0	0	
Acenaphthylene	1500		1300	ug/Kg	87				0	0	
3-Nitroaniline	1500		1300	ug/Kg	87				0	0	
Acenaphthene	1500		1200	ug/Kg	80				31	137	
2,4-Dinitrophenol	1500		1300	ug/Kg	87				0	0	
4-Nitrophenol	1500		1200	ug/Kg	80				11	114	
Dibenzofuran	1500		1300	ug/Kg	87				0	0	
2,4-Dinitrotoluene	1500		1300	ug/Kg	87				28	89	
Diethylphthalate	1500		1200	ug/Kg	80				0	0	
Fluorene	1500		1300	ug/Kg	87				0	0	
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
4-Nitroaniline	1500		1500	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1500		1200	ug/Kg	80				0	0	
N-Nitrosodiphenylamine	1500		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP101424

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	1500		1300	ug/Kg	87				0	0	
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87				0	0	
Hexachlorobenzene	1500		1300	ug/Kg	87				0	0	
Atrazine	1500		900	ug/Kg	60				0	0	
Pentachlorophenol	1500		1200	ug/Kg	80				17	109	
Phenanthrene	1500		1300	ug/Kg	87				0	0	
Pentachlorobenzene	1500		1200	ug/Kg	80				0	0	
Anthracene	1500		1300	ug/Kg	87				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1200	ug/Kg	80				0	0	
Carbazole	1500		1300	ug/Kg	87				0	0	
Di-n-butylphthalate	1500		1200	ug/Kg	80				0	0	
Fluoranthene	1500		1400	ug/Kg	93				0	0	
Pyrene	1500	0	1400	ug/Kg	93				35	142	
Butylbenzylphthalate	1500		1300	ug/Kg	87				0	0	
3,3'-Dichlorobenzidine	1500		990	ug/Kg	66				0	0	
Benzo(a)anthracene	1500		1300	ug/Kg	87				0	0	
Chrysene	1500	56	1400	ug/Kg	90				0	0	
Bis(2-ethylhexyl)phthalate	1500		1200	ug/Kg	80				0	0	
Di-n-octylphthalate	1500		1200	ug/Kg	80				0	0	
Benzo(b)fluoranthene	1500	75	1400	ug/Kg	88				0	0	
Benzo(k)fluoranthene	1500		1300	ug/Kg	87				0	0	
Benzo(a)pyrene	1500		1300	ug/Kg	87				0	0	
Indeno(1,2,3-cd)pyrene	1500		1300	ug/Kg	87				0	0	
Dibenzo(a,h)anthracene	1500		1300	ug/Kg	87				0	0	
Benzo(g,h,i)perylene	1500		1300	ug/Kg	87				0	0	
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4264-07MSD	Client Sample ID:	DCYN9MSD					DataFile:	BP022358.D		
1,4-Dioxane	610		320	ug/Kg	52	18			15	120	50
Benzaldehyde	1500		1100	ug/Kg	73	9	*		0	0	0
Pyridine	1500		880	ug/Kg	59	13	*		0	0	0
Phenol	1500		1100	ug/Kg	73	9			26	90	35
Bis(2-chloroethyl)ether	1500		1000	ug/Kg	67	18	*		0	0	0
2-Chlorophenol	1500		1100	ug/Kg	73	18			25	102	50
2-Methylphenol	1500		1100	ug/Kg	73	9	*		0	0	0
2,2-oxybis(1-Chloropropane)	1500		970	ug/Kg	65	12	*		0	0	0
Acetophenone	1500		1000	ug/Kg	67	18	*		0	0	0
4-Methylphenol	1500		1000	ug/Kg	67	18	*		0	0	0
N-Nitroso-di-n-propylamine	1500		1000	ug/Kg	67	18			41	126	38
Hexachloroethane	1500		1000	ug/Kg	67	18	*		0	0	0
Nitrobenzene	1500		1000	ug/Kg	67	18	*		0	0	0
Isophorone	1500		1000	ug/Kg	67	18	*		0	0	0
2-Nitrophenol	1500		1100	ug/Kg	73	18	*		0	0	0
2,4-Dimethylphenol	1500		990	ug/Kg	66	19	*		0	0	0
Bis(2-chloroethoxy)methane	1500		1000	ug/Kg	67	18	*		0	0	0
2,4-Dichlorophenol	1500		1100	ug/Kg	73	18	*		0	0	0
Naphthalene	1500		1100	ug/Kg	73	18	*		0	0	0
4-Chloroaniline	1500		810	ug/Kg	54	18	*		0	0	0
Hexachlorobutadiene	1500		1000	ug/Kg	67	18	*		0	0	0
Caprolactam	1500		1100	ug/Kg	73	9	*		0	0	0
4-Chloro-3-methylphenol	1500		1100	ug/Kg	73	18			26	103	33
1-Methylnaphthalene	1500		1100	ug/Kg	73	9	*		0	0	0
2-Methylnaphthalene	1500		1100	ug/Kg	73	18	*		0	0	0
Hexachlorocyclopentadiene	1500		650	ug/Kg	43	11	*		0	0	0
2,4,6-Trichlorophenol	1500		1100	ug/Kg	73	18	*		0	0	0
2,4,5-Trichlorophenol	1500		1100	ug/Kg	73	18	*		0	0	0
1,1'-Biphenyl	1500		1100	ug/Kg	73	9	*		0	0	0
2-Chloronaphthalene	1500		1100	ug/Kg	73	18	*		0	0	0
2-Nitroaniline	1500		1100	ug/Kg	73	9	*		0	0	0
Dimethylphthalate	1500		1000	ug/Kg	67	18	*		0	0	0
2,6-Dinitrotoluene	1500		1200	ug/Kg	80	15	*		0	0	0
Acenaphthylene	1500		1100	ug/Kg	73	18	*		0	0	0
3-Nitroaniline	1500		1100	ug/Kg	73	18	*		0	0	0
Acenaphthene	1500		1100	ug/Kg	73	9			31	137	19
2,4-Dinitrophenol	1500		1100	ug/Kg	73	18	*		0	0	0
4-Nitrophenol	1500		1000	ug/Kg	67	18			11	114	50
Dibenzofuran	1500		1100	ug/Kg	73	18	*		0	0	0
2,4-Dinitrotoluene	1500		1100	ug/Kg	73	18			28	89	47
Diethylphthalate	1500		1000	ug/Kg	67	18	*		0	0	0
Fluorene	1500		1100	ug/Kg	73	18	*		0	0	0
4-Chlorophenyl-phenylether	1500		1100	ug/Kg	73	9	*		0	0	0
4-Nitroaniline	1500		1300	ug/Kg	87	14	*		0	0	0
4,6-Dinitro-2-methylphenol	1500		1100	ug/Kg	73	9	*		0	0	0
N-Nitrosodiphenylamine	1500		1100	ug/Kg	73	18	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP101424

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	1500		1100	ug/Kg	73	18	*		0	0	0
4-Bromophenyl-phenylether	1500		1100	ug/Kg	73	18	*		0	0	0
Hexachlorobenzene	1500		1100	ug/Kg	73	18	*		0	0	0
Atrazine	1500		780	ug/Kg	52	14	*		0	0	0
Pentachlorophenol	1500		1100	ug/Kg	73	9			17	109	47
Phenanthrene	1500		1100	ug/Kg	73	18	*		0	0	0
Pentachlorobenzene	1500		1000	ug/Kg	67	18	*		0	0	0
Anthracene	1500		1100	ug/Kg	73	18	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1000	ug/Kg	67	18	*		0	0	0
Carbazole	1500		1100	ug/Kg	73	18	*		0	0	0
Di-n-butylphthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Fluoranthene	1500		1200	ug/Kg	80	15	*		0	0	0
Pyrene	1500	0	1200	ug/Kg	80	15			35	142	36
Butylbenzylphthalate	1500		1100	ug/Kg	73	18	*		0	0	0
3,3'-Dichlorobenzidine	1500		840	ug/Kg	56	16	*		0	0	0
Benzo(a)anthracene	1500		1100	ug/Kg	73	18	*		0	0	0
Chrysene	1500	56	1100	ug/Kg	70	25	*		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Di-n-octylphthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Benzo(b)fluoranthene	1500	75	1200	ug/Kg	75	16	*		0	0	0
Benzo(k)fluoranthene	1500		1100	ug/Kg	73	18	*		0	0	0
Benzo(a)pyrene	1500		1100	ug/Kg	73	18	*		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1100	ug/Kg	73	18	*		0	0	0
Dibenzo(a,h)anthracene	1500		1100	ug/Kg	73	18	*		0	0	0
Benzo(g,h,i)perylene	1500		1100	ug/Kg	73	18	*		0	0	0
2,3,4,6-Tetrachlorophenol	1500		1100	ug/Kg	73	18	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-06	A4F11	BP022369.D	1,4-Dioxane-d8	8	1.90	24		15	120
			Pyridine-d5	40	1.23	3	*	20	120
			Phenol-d5	40	11.20	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.55	26		10	150
			2-Chlorophenol-d4	40	11.96	30		15	120
			4-Methylphenol-d8	40	10.67	27		10	140
			Nitrobenzene-d5	40	11.37	28		10	135
			2-Nitrophenol-d4	40	11.93	30		10	120
			2,4-Dichlorophenol-d3	40	11.94	30		10	140
			4-Chloroaniline-d4	40	9.97	25		1	145
			Dimethylphthalate-d6	40	12.25	31		10	145
			Acenaphthylene-d8	40	12.30	31		15	120
			4-Nitrophenol-d4	40	9.81	25		10	150
			Fluorene-d10	40	13.24	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.34	18		10	130
			Anthracene-d10	40	12.57	31		10	150
			Pyrene-d10	40	12.77	32		10	130
			Benzo(a)pyrene-d12	40	9.19	23		10	140
P4237-08	A4F22	BP022378.D	1,4-Dioxane-d8	8	1.85	23		15	120
			Pyridine-d5	40	1.46	4	*	20	120
			Phenol-d5	40	10.75	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.38	26		10	150
			2-Chlorophenol-d4	40	11.52	29		15	120
			4-Methylphenol-d8	40	9.38	23		10	140
			Nitrobenzene-d5	40	11.21	28		10	135
			2-Nitrophenol-d4	40	11.70	29		10	120
			2,4-Dichlorophenol-d3	40	11.59	29		10	140
			4-Chloroaniline-d4	40	8.79	22		1	145
			Dimethylphthalate-d6	40	11.62	29		10	145
			Acenaphthylene-d8	40	11.87	30		15	120
			4-Nitrophenol-d4	40	9.44	24		10	150
			Fluorene-d10	40	12.79	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.97	20		10	130
			Anthracene-d10	40	12.40	31		10	150
			Pyrene-d10	40	11.76	29		10	130
			Benzo(a)pyrene-d12	40	9.03	23		10	140
P4237-09	A4F23	BP022377.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	13.88	35		20	120
			Phenol-d5	40	15.92	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.36	38		10	150
			2-Chlorophenol-d4	40	16.84	42		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	17.21	43		10	135
			2-Nitrophenol-d4	40	18.06	45		10	120
			2,4-Dichlorophenol-d3	40	17.50	44		10	140
			4-Chloroaniline-d4	40	16.64	42		1	145
			Dimethylphthalate-d6	40	17.68	44		10	145
			Acenaphthylene-d8	40	18.27	46		15	120
			4-Nitrophenol-d4	40	15.04	38		10	150

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-09	A4F23	BP022377.D	Fluorene-d10	40	19.07	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.22	31		10	130
			Anthracene-d10	40	19.01	48		10	150
			Pyrene-d10	40	20.48	51		10	130
			Benzo(a)pyrene-d12	40	20.18	50		10	140
P4237-11	A4F26	BP022364.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	1.35	17		15	120
			Phenol-d5	40	8.98	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.72	22		10	150
			2-Chlorophenol-d4	40	9.67	24		15	120
			4-Methylphenol-d8	40	7.69	19		10	140
			Nitrobenzene-d5	40	9.36	23		10	135
			2-Nitrophenol-d4	40	9.68	24		10	120
			2,4-Dichlorophenol-d3	40	9.43	24		10	140
			4-Chloroaniline-d4	40	6.65	17		1	145
			Dimethylphthalate-d6	40	9.69	24		10	145
			Acenaphthylene-d8	40	9.75	24		15	120
			4-Nitrophenol-d4	40	6.84	17		10	150
			Fluorene-d10	40	10.45	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.02	15		10	130
			Anthracene-d10	40	10.13	25		10	150
			Pyrene-d10	40	10.48	26		10	130
			Benzo(a)pyrene-d12	40	7.07	18		10	140
P4237-12	A4F32	BP022365.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	19.89	50		20	120
			Phenol-d5	40	23.97	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.38	58		10	150
			2-Chlorophenol-d4	40	25.78	64		15	120
			4-Methylphenol-d8	40	25.15	63		10	140
			Nitrobenzene-d5	40	25.73	64		10	135
			2-Nitrophenol-d4	40	27.25	68		10	120
			2,4-Dichlorophenol-d3	40	25.66	64		10	140
			4-Chloroaniline-d4	40	24.27	61		1	145
			Dimethylphthalate-d6	40	26.69	67		10	145
			Acenaphthylene-d8	40	27.38	68		15	120
			4-Nitrophenol-d4	40	22.10	55		10	150
			Fluorene-d10	40	28.58	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.35	48		10	130
			Anthracene-d10	40	27.88	70		10	150
			Pyrene-d10	40	31.18	78		10	130
			Benzo(a)pyrene-d12	40	29.69	74		10	140
P4237-16	A4EN9	BP022366.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	20.21	51		20	120
			Phenol-d5	40	25.94	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.45	64		10	150
			2-Chlorophenol-d4	40	28.24	71		15	120
			4-Methylphenol-d8	40	27.80	69		10	140
			Nitrobenzene-d5	40	28.95	72		10	135
			2-Nitrophenol-d4	40	30.55	76		10	120

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-16	A4EN9	BP022366.D	2,4-Dichlorophenol-d3	40	29.11	73		10	140
			4-Chloroaniline-d4	40	25.24	63		1	145
			Dimethylphthalate-d6	40	29.10	73		10	145
			Acenaphthylene-d8	40	29.55	74		15	120
			4-Nitrophenol-d4	40	22.87	57		10	150
			Fluorene-d10	40	31.57	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.62	54		10	130
			Anthracene-d10	40	30.92	77		10	150
			Pyrene-d10	40	32.61	82		10	130
			Benzo(a)pyrene-d12	40	33.24	83		10	140
P4237-17	A4EP6	BP022367.D	1,4-Dioxane-d8	8	0.77	10	*	15	120
			Pyridine-d5	40	0.62	2	*	20	120
			Phenol-d5	40	6.35	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.67	19		10	150
			2-Chlorophenol-d4	40	7.31	18		15	120
			4-Methylphenol-d8	40	6.26	16		10	140
			Nitrobenzene-d5	40	7.99	20		10	135
			2-Nitrophenol-d4	40	7.93	20		10	120
			2,4-Dichlorophenol-d3	40	6.80	17		10	140
			4-Chloroaniline-d4	40	4.62	12		1	145
			Dimethylphthalate-d6	40	7.95	20		10	145
			Acenaphthylene-d8	40	8.35	21		15	120
			4-Nitrophenol-d4	40	3.63	9	*	10	150
			Fluorene-d10	40	8.88	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.67	12		10	130
			Anthracene-d10	40	8.65	22		10	150
			Pyrene-d10	40	8.81	22		10	130
			Benzo(a)pyrene-d12	40	7.21	18		10	140
P4237-18	A4EP7	BP022370.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Pyridine-d5	40	15.32	38		20	120
			Phenol-d5	40	17.77	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.50	41		10	150
			2-Chlorophenol-d4	40	19.15	48		15	120
			4-Methylphenol-d8	40	17.46	44		10	140
			Nitrobenzene-d5	40	18.50	46		10	135
			2-Nitrophenol-d4	40	18.86	47		10	120
			2,4-Dichlorophenol-d3	40	18.82	47		10	140
			4-Chloroaniline-d4	40	17.46	44		1	145
			Dimethylphthalate-d6	40	18.40	46		10	145
			Acenaphthylene-d8	40	19.27	48		15	120
			4-Nitrophenol-d4	40	14.92	37		10	150
			Fluorene-d10	40	20.26	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.40	29		10	130
			Anthracene-d10	40	20.00	50		10	150
			Pyrene-d10	40	21.41	54		10	130
			Benzo(a)pyrene-d12	40	21.19	53		10	140
P4237-19	A4EQ0	BP022368.D	1,4-Dioxane-d8	8	1.62	20		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.00	22		10	130

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-19	A4EQ0	BP022368.D	Bis(2-Chloroethyl)ether-d8	40	9.88	25		10	150
			2-Chlorophenol-d4	40	10.54	26		15	120
			4-Methylphenol-d8	40	7.27	18		10	140
			Nitrobenzene-d5	40	10.22	26		10	135
			2-Nitrophenol-d4	40	10.48	26		10	120
			2,4-Dichlorophenol-d3	40	10.11	25		10	140
			4-Chloroaniline-d4	40	5.71	14		1	145
			Dimethylphthalate-d6	40	10.25	26		10	145
			Acenaphthylene-d8	40	10.93	27		15	120
			4-Nitrophenol-d4	40	5.61	14		10	150
			Fluorene-d10	40	11.34	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.79	17		10	130
			Anthracene-d10	40	10.78	27		10	150
			Pyrene-d10	40	12.04	30		10	130
			Benzo(a)pyrene-d12	40	9.06	23		10	140
P4237-20	A4EQ7	BP022363.D	Pyridine-d5	40	0.96	2	*	20	120
			1,4-Dioxane-d8	8	1.71	21		15	120
			Phenol-d5	40	9.20	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.36	26		10	150
			2-Chlorophenol-d4	40	11.23	28		15	120
			4-Methylphenol-d8	40	8.10	20		10	140
			Nitrobenzene-d5	40	11.45	29		10	135
			2-Nitrophenol-d4	40	11.78	29		10	120
			2,4-Dichlorophenol-d3	40	11.27	28		10	140
			4-Chloroaniline-d4	40	6.92	17		1	145
			Dimethylphthalate-d6	40	11.43	29		10	145
			Acenaphthylene-d8	40	11.76	29		15	120
			4-Nitrophenol-d4	40	7.92	20		10	150
			Fluorene-d10	40	12.35	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.19	20		10	130
			Anthracene-d10	40	11.94	30		10	150
			Pyrene-d10	40	11.98	30		10	130
PB163830BL	PB163830BL	BP022360.D	Benzo(a)pyrene-d12	40	9.28	23		10	140
			1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	20.83	52		20	120
			Phenol-d5	40	22.30	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.14	53		10	150
			2-Chlorophenol-d4	40	23.34	58		15	120
			4-Methylphenol-d8	40	22.08	55		10	140
			Nitrobenzene-d5	40	23.84	60		10	135
			2-Nitrophenol-d4	40	23.90	60		10	120
			2,4-Dichlorophenol-d3	40	22.43	56		10	140
			4-Chloroaniline-d4	40	22.34	56		1	145
			Dimethylphthalate-d6	40	21.97	55		10	145
			Acenaphthylene-d8	40	23.53	59		15	120
			4-Nitrophenol-d4	40	20.61	52		10	150
			Fluorene-d10	40	23.93	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.87	45		10	130
			Anthracene-d10	40	24.12	60		10	150

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163830BL	PB163830BL	BP022360.D	Pyrene-d10	40	25.51	64		10	130
			Benzo(a)pyrene-d12	40	25.45	64		10	140
PB163830BS	PB163830BS	BP022371.D	1,4-Dioxane-d8	8	4.12	52		15	120
			Pyridine-d5	40	20.84	52		20	120
			Phenol-d5	40	23.57	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.19	55		10	150
			2-Chlorophenol-d4	40	24.63	62		15	120
			4-Methylphenol-d8	40	24.14	60		10	140
			Nitrobenzene-d5	40	23.51	59		10	135
			2-Nitrophenol-d4	40	25.80	64		10	120
			2,4-Dichlorophenol-d3	40	24.85	62		10	140
			4-Chloroaniline-d4	40	23.10	58		1	145
			Dimethylphthalate-d6	40	22.32	56		10	145
			Acenaphthylene-d8	40	23.69	59		15	120
			4-Nitrophenol-d4	40	24.27	61		10	150
			Fluorene-d10	40	24.02	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.82	57		10	130
			Anthracene-d10	40	24.19	60		10	150
			Pyrene-d10	40	26.52	66		10	130
			Benzo(a)pyrene-d12	40	24.91	62		10	140

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163884BL	PB163884BL	BP022375.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	20.65	52		20	120
		BP022350.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	20.21	51		20	120
		BP022375.D	Phenol-d5	40	21.38	53		10	130
			Phenol-d5	40	21.67	54		10	130
		BP022350.D	Bis(2-Chloroethyl)ether-d8	40	21.11	53		10	150
			Bis(2-Chloroethyl)ether-d8	40	21.09	53		10	150
		BP022375.D	2-Chlorophenol-d4	40	22.50	56		15	120
			2-Chlorophenol-d4	40	23.13	58		15	120
		BP022350.D	4-Methylphenol-d8	40	22.52	56		10	140
			4-Methylphenol-d8	40	21.12	53		10	140
		BP022375.D	Nitrobenzene-d5	40	22.88	57		10	135
			Nitrobenzene-d5	40	22.75	57		10	135
		BP022350.D	2-Nitrophenol-d4	40	24.09	60		10	120
			2-Nitrophenol-d4	40	23.77	59		10	120
		BP022375.D	2,4-Dichlorophenol-d3	40	22.58	56		10	140
			2,4-Dichlorophenol-d3	40	22.76	57		10	140
		BP022350.D	4-Chloroaniline-d4	40	22.44	56		1	145
			4-Chloroaniline-d4	40	22.12	55		1	145
		BP022375.D	Dimethylphthalate-d6	40	22.73	57		10	145
			Dimethylphthalate-d6	40	22.10	55		10	145
		BP022350.D	Acenaphthylene-d8	40	22.95	57		15	120
			Acenaphthylene-d8	40	23.04	58		15	120
		BP022375.D	4-Nitrophenol-d4	40	20.49	51		10	150
			4-Nitrophenol-d4	40	21.04	53		10	150
		BP022350.D	Fluorene-d10	40	23.50	59		20	140
			Fluorene-d10	40	23.66	59		20	140
		BP022375.D	4,6-Dinitro-2-methylphenol-d2	40	17.89	45		10	130
			4,6-Dinitro-2-methylphenol-d2	40	18.23	46		10	130
		BP022350.D	Anthracene-d10	40	23.93	60		10	150
			Anthracene-d10	40	23.72	59		10	150
		BP022375.D	Pyrene-d10	40	24.49	61		10	130
			Pyrene-d10	40	25.10	63		10	130
		BP022350.D	Benzo(a)pyrene-d12	40	24.17	60		10	140
			Benzo(a)pyrene-d12	40	24.28	61		10	140
PB163884BS	PB163884BS	BP022372.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	18.51	46		20	120
			Phenol-d5	40	21.14	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.04	50		10	150
			2-Chlorophenol-d4	40	22.53	56		15	120
			4-Methylphenol-d8	40	21.26	53		10	140
			Nitrobenzene-d5	40	22.57	56		10	135
			2-Nitrophenol-d4	40	24.02	60		10	120
			2,4-Dichlorophenol-d3	40	23.20	58		10	140
			4-Chloroaniline-d4	40	21.11	53		1	145
			Dimethylphthalate-d6	40	20.55	51		10	145
			Acenaphthylene-d8	40	21.78	54		15	120
			4-Nitrophenol-d4	40	22.66	57		10	150

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163884BS	PB163884BS	BP022372.D	Fluorene-d10	40	22.14	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.03	53		10	130
			Anthracene-d10	40	21.95	55		10	150
			Pyrene-d10	40	23.51	59		10	130
			Benzo(a)pyrene-d12	40	22.64	57		10	140

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-01	DCYN5	BP022352.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	15.98	40		20	120
			Phenol-d5	40	18.20	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.24	46		10	150
			2-Chlorophenol-d4	40	19.46	49		15	120
			4-Methylphenol-d8	40	18.07	45		10	140
			Nitrobenzene-d5	40	19.25	48		10	135
			2-Nitrophenol-d4	40	20.22	51		10	120
			2,4-Dichlorophenol-d3	40	19.04	48		10	140
			4-Chloroaniline-d4	40	18.10	45		1	145
			Dimethylphthalate-d6	40	17.69	44		10	145
			Acenaphthylene-d8	40	19.52	49		15	120
			4-Nitrophenol-d4	40	14.27	36		10	150
			Fluorene-d10	40	19.94	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.77	29		10	130
			Anthracene-d10	40	19.74	49		10	150
			Pyrene-d10	40	19.98	50		10	130
			Benzo(a)pyrene-d12	40	20.31	51		10	140
P4264-01DL	DCYN5DL	BP022379.D	Pyridine-d5	40	20.16	50		20	120
			1,4-Dioxane-d8	8	5.50	69		15	120
			Phenol-d5	40	25.77	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.87	67		10	150
			2-Chlorophenol-d4	40	28.42	71		15	120
			4-Methylphenol-d8	40	27.36	68		10	140
			Nitrobenzene-d5	40	27.79	69		10	135
			2-Nitrophenol-d4	40	26.17	65		10	120
			2,4-Dichlorophenol-d3	40	27.40	69		10	140
			4-Chloroaniline-d4	40	26.14	65		1	145
			Dimethylphthalate-d6	40	27.44	69		10	145
			Acenaphthylene-d8	40	28.02	70		15	120
			4-Nitrophenol-d4	40	14.78	37		10	150
			Fluorene-d10	40	30.03	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.99	27		10	130
			Anthracene-d10	40	30.52	76		10	150
			Pyrene-d10	40	31.42	79		10	130
			Benzo(a)pyrene-d12	40	29.55	74		10	140
P4264-02	DCYN6	BP022353.D	1,4-Dioxane-d8	8	1.17	15		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.15	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.48	24		10	150
			2-Chlorophenol-d4	40	9.75	24		15	120
			4-Methylphenol-d8	40	9.60	24		10	140
			Nitrobenzene-d5	40	14.21	36		10	135
			2-Nitrophenol-d4	40	13.50	34		10	120
			2,4-Dichlorophenol-d3	40	12.83	32		10	140
			4-Chloroaniline-d4	40	9.45	24		1	145
			Dimethylphthalate-d6	40	9.63	24		10	145
			Acenaphthylene-d8	40	9.98	25		15	120
			4-Nitrophenol-d4	40	7.25	18		10	150

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-02	DCYN6	BP022353.D	Fluorene-d10	40	10.48	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.56	9	*	10	130
			Anthracene-d10	40	10.78	27		10	150
			Pyrene-d10	40	10.51	26		10	130
			Benzo(a)pyrene-d12	40	7.93	20		10	140
P4264-02DL	DCYN6DL	BP022380.D	1,4-Dioxane-d8	8	1.56	19		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.67	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.90	32		10	150
			2-Chlorophenol-d4	40	13.25	33		15	120
			4-Methylphenol-d8	40	11.82	30		10	140
			Nitrobenzene-d5	40	14.60	37		10	135
			2-Nitrophenol-d4	40	13.98	35		10	120
			2,4-Dichlorophenol-d3	40	12.82	32		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	15.52	39		10	145
			Acenaphthylene-d8	40	15.11	38		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	16.74	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.73	14		10	130
			Anthracene-d10	40	16.59	41		10	150
			Pyrene-d10	40	15.16	38		10	130
			Benzo(a)pyrene-d12	40	11.21	28		10	140
P4264-03	DCYN7	BP022354.D	1,4-Dioxane-d8	8	1.76	22		15	120
			Pyridine-d5	40	1.43	4	*	20	120
			Phenol-d5	40	14.59	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.19	38		10	150
			2-Chlorophenol-d4	40	15.87	40		15	120
			4-Methylphenol-d8	40	12.61	32		10	140
			Nitrobenzene-d5	40	29.20	73		10	135
			2-Nitrophenol-d4	40	30.29	76		10	120
			2,4-Dichlorophenol-d3	40	27.26	68		10	140
			4-Chloroaniline-d4	40	17.34	43		1	145
			Dimethylphthalate-d6	40	15.57	39		10	145
			Acenaphthylene-d8	40	15.99	40		15	120
			4-Nitrophenol-d4	40	12.09	30		10	150
			Fluorene-d10	40	16.39	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.59	19		10	130
			Anthracene-d10	40	17.84	45		10	150
			Pyrene-d10	40	17.74	44		10	130
			Benzo(a)pyrene-d12	40	14.72	37		10	140
P4264-03DL	DCYN7DL	BP022381.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.89	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.39	53		10	150
			2-Chlorophenol-d4	40	20.18	50		15	120
			4-Methylphenol-d8	40	14.82	37		10	140
			Nitrobenzene-d5	40	21.93	55		10	135
			2-Nitrophenol-d4	40	22.26	56		10	120

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-03DL	DCYN7DL	BP022381.D	2,4-Dichlorophenol-d3	40	22.20	56		10	140
			4-Chloroaniline-d4	40	17.85	45		1	145
			Dimethylphthalate-d6	40	24.86	62		10	145
			Acenaphthylene-d8	40	24.21	61		15	120
			4-Nitrophenol-d4	40	14.01	35		10	150
			Fluorene-d10	40	26.99	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.63	24		10	130
			Anthracene-d10	40	25.87	65		10	150
			Pyrene-d10	40	25.89	65		10	130
			Benzo(a)pyrene-d12	40	20.35	51		10	140
P4264-04	DCYN8	BP022355.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	12.39	31		20	120
			Phenol-d5	40	17.15	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.45	41		10	150
			2-Chlorophenol-d4	40	18.21	46		15	120
			4-Methylphenol-d8	40	18.56	46		10	140
			Nitrobenzene-d5	40	18.59	46		10	135
			2-Nitrophenol-d4	40	19.52	49		10	120
			2,4-Dichlorophenol-d3	40	18.75	47		10	140
			4-Chloroaniline-d4	40	18.37	46		1	145
			Dimethylphthalate-d6	40	19.76	49		10	145
			Acenaphthylene-d8	40	20.54	51		15	120
			4-Nitrophenol-d4	40	13.74	34		10	150
			Fluorene-d10	40	20.98	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.32	28		10	130
			Anthracene-d10	40	21.54	54		10	150
			Pyrene-d10	40	21.78	54		10	130
			Benzo(a)pyrene-d12	40	21.55	54		10	140
		BP022356.D	1,4-Dioxane-d8	8	3.48	43		15	120
			Pyridine-d5	40	14.21	36		20	120
			Phenol-d5	40	20.80	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.13	50		10	150
			2-Chlorophenol-d4	40	22.22	56		15	120
			4-Methylphenol-d8	40	19.47	49		10	140
			Nitrobenzene-d5	40	22.44	56		10	135
			2-Nitrophenol-d4	40	23.31	58		10	120
			2,4-Dichlorophenol-d3	40	22.61	57		10	140
			4-Chloroaniline-d4	40	16.82	42		1	145
P4264-05	DCYN9	BP022356.D	Dimethylphthalate-d6	40	22.14	55		10	145
			Acenaphthylene-d8	40	23.86	60		15	120
			4-Nitrophenol-d4	40	19.14	48		10	150
			Fluorene-d10	40	24.20	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.23	46		10	130
			Anthracene-d10	40	24.52	61		10	150
			Pyrene-d10	40	25.31	63		10	130
			Benzo(a)pyrene-d12	40	24.34	61		10	140
		BP022357.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	16.18	40		20	120
			Phenol-d5	40	24.76	62		10	130
P4264-06MS	DCYN9MS	BP022357.D							

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-06MS	DCYN9MS	BP022357.D	Bis(2-Chloroethyl)ether-d8	40	23.61	59		10	150
			2-Chlorophenol-d4	40	26.24	66		15	120
			4-Methylphenol-d8	40	23.35	58		10	140
			Nitrobenzene-d5	40	26.41	66		10	135
			2-Nitrophenol-d4	40	28.53	71		10	120
			2,4-Dichlorophenol-d3	40	27.78	69		10	140
			4-Chloroaniline-d4	40	23.29	58		1	145
			Dimethylphthalate-d6	40	24.62	62		10	145
			Acenaphthylene-d8	40	26.55	66		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	26.48	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.65	59		10	130
			Anthracene-d10	40	26.12	65		10	150
			Pyrene-d10	40	27.42	69		10	130
			Benzo(a)pyrene-d12	40	26.55	66		10	140
P4264-07MSD	DCYN9MSD	BP022358.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	14.05	35		20	120
			Phenol-d5	40	21.32	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.32	51		10	150
			2-Chlorophenol-d4	40	22.72	57		15	120
			4-Methylphenol-d8	40	19.93	50		10	140
			Nitrobenzene-d5	40	22.98	57		10	135
			2-Nitrophenol-d4	40	24.17	60		10	120
			2,4-Dichlorophenol-d3	40	23.50	59		10	140
			4-Chloroaniline-d4	40	20.05	50		1	145
			Dimethylphthalate-d6	40	20.96	52		10	145
			Acenaphthylene-d8	40	22.72	57		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	22.40	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.02	53		10	130
			Anthracene-d10	40	22.16	55		10	150
			Pyrene-d10	40	23.82	60		10	130
P4264-08	DCYO0	BP022361.D	Benzo(a)pyrene-d12	40	22.84	57		10	140
			1,4-Dioxane-d8	8	2.09	26		15	120
			Pyridine-d5	40	9.53	24		20	120
			Phenol-d5	40	13.32	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.81	37		10	150
			2-Chlorophenol-d4	40	15.29	38		15	120
			4-Methylphenol-d8	40	14.95	37		10	140
			Nitrobenzene-d5	40	15.83	40		10	135
			2-Nitrophenol-d4	40	16.55	41		10	120
			2,4-Dichlorophenol-d3	40	15.40	38		10	140
			4-Chloroaniline-d4	40	15.37	38		1	145
			Dimethylphthalate-d6	40	15.46	39		10	145
			Acenaphthylene-d8	40	16.96	42		15	120
			4-Nitrophenol-d4	40	6.26	16		10	150
			Fluorene-d10	40	17.69	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.80	12		10	130
			Anthracene-d10	40	17.47	44		10	150

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-08	DCYO0	BP022361.D	Pyrene-d10	40	18.09	45		10	130
			Benzo(a)pyrene-d12	40	17.50	44		10	140
P4264-11	DCYO3	BP022362.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Pyridine-d5	40	10.35	26		20	120
			Phenol-d5	40	14.19	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.22	36		10	150
			2-Chlorophenol-d4	40	14.64	37		15	120
			4-Methylphenol-d8	40	14.80	37		10	140
			Nitrobenzene-d5	40	15.19	38		10	135
			2-Nitrophenol-d4	40	16.06	40		10	120
			2,4-Dichlorophenol-d3	40	15.22	38		10	140
			4-Chloroaniline-d4	40	14.81	37		1	145
			Dimethylphthalate-d6	40	15.32	38		10	145
			Acenaphthylene-d8	40	16.03	40		15	120
			4-Nitrophenol-d4	40	8.94	22		10	150
			Fluorene-d10	40	16.23	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.76	19		10	130
			Anthracene-d10	40	15.79	39		10	150
			Pyrene-d10	40	16.13	40		10	130
			Benzo(a)pyrene-d12	40	16.00	40		10	140
PB163924BL	PB163924BL	BP022351.D	Pyridine-d5	40	21.87	55		20	120
			1,4-Dioxane-d8	8	4.02	50		15	120
			Phenol-d5	40	23.33	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.37	58		10	150
			2-Chlorophenol-d4	40	25.06	63		15	120
			4-Methylphenol-d8	40	23.52	59		10	140
			Nitrobenzene-d5	40	24.51	61		10	135
			2-Nitrophenol-d4	40	26.00	65		10	120
			2,4-Dichlorophenol-d3	40	23.89	60		10	140
			4-Chloroaniline-d4	40	24.07	60		1	145
			Dimethylphthalate-d6	40	24.45	61		10	145
			Acenaphthylene-d8	40	25.22	63		15	120
			4-Nitrophenol-d4	40	21.68	54		10	150
			Fluorene-d10	40	24.96	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.25	51		10	130
			Anthracene-d10	40	25.51	64		10	150
			Pyrene-d10	40	27.19	68		10	130
			Benzo(a)pyrene-d12	40	25.60	64		10	140
PB163924BS	PB163924BS	BP022373.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	21.18	53		20	120
			Phenol-d5	40	24.53	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.87	57		10	150
			2-Chlorophenol-d4	40	25.82	65		15	120
			4-Methylphenol-d8	40	24.81	62		10	140
			Nitrobenzene-d5	40	25.92	65		10	135
			2-Nitrophenol-d4	40	26.72	67		10	120
			2,4-Dichlorophenol-d3	40	26.19	65		10	140
			4-Chloroaniline-d4	40	24.01	60		1	145
			Dimethylphthalate-d6	40	24.03	60		10	145

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163924BS	PB163924BS	BP022373.D	Acenaphthylene-d8	40	25.27	63		15	120
			4-Nitrophenol-d4	40	26.03	65		10	150
			Fluorene-d10	40	25.46	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.00	60		10	130
			Anthracene-d10	40	25.18	63		10	150
			Pyrene-d10	40	26.46	66		10	130
			Benzo(a)pyrene-d12	40	26.16	65		10	140

Surrogate Summary

SW-846

SDG No.: BP101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164091BL	PB164091BL	BP022376.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	24.15	60		20	120
			Phenol-d5	40	24.67	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.60	61		25	120
			2-Chlorophenol-d4	40	26.75	67		20	130
			4-Methylphenol-d8	40	25.14	63		25	125
			Nitrobenzene-d5	40	26.01	65		20	125
			2-Nitrophenol-d4	40	27.17	68		20	130
			2,4-Dichlorophenol-d3	40	25.89	65		20	120
			4-Chloroaniline-d4	40	25.27	63		1	146
			Dimethylphthalate-d6	40	25.12	63		25	130
			Acenaphthylene-d8	40	25.98	65		10	130
			4-Nitrophenol-d4	40	24.02	60		10	150
			Fluorene-d10	40	26.42	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.62	52		10	130
			Anthracene-d10	40	26.72	67		25	130
			Pyrene-d10	40	28.57	71		15	130
			Benzo(a)pyrene-d12	40	27.78	69		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101424

Lab Code: CHEM

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022348.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	33
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	86.5
443	15.0 - 24.0% of mass 442	16.9 (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
SSTD020799	SSTDCCC020	BP022349.D	10/14/2024	10:29
SBLK884	PB163884BL	BP022350.D	10/14/2024	11:10
SBLK924	PB163924BL	BP022351.D	10/14/2024	11:51
DCYN5	P4264-01	BP022352.D	10/14/2024	12:32
DCYN6	P4264-02	BP022353.D	10/14/2024	13:13
DCYN7	P4264-03	BP022354.D	10/14/2024	13:54
DCYN8	P4264-04	BP022355.D	10/14/2024	14:35
DCYN9	P4264-05	BP022356.D	10/14/2024	15:17
DCYN9MS	P4264-06MS	BP022357.D	10/14/2024	15:58
DCYN9MSD	P4264-07MSD	BP022358.D	10/14/2024	16:39
SSTD020651	SSTDCCC020	BP022359.D	10/14/2024	17:20
SBLK830	PB163830BL	BP022360.D	10/14/2024	18:01
DCYO0	P4264-08	BP022361.D	10/14/2024	18:43
DCYO3	P4264-11	BP022362.D	10/14/2024	19:24
A4EQ7	P4237-20	BP022363.D	10/14/2024	20:05
A4F26	P4237-11	BP022364.D	10/14/2024	20:46
A4F32	P4237-12	BP022365.D	10/14/2024	21:27
A4EN9	P4237-16	BP022366.D	10/14/2024	22:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101424

Lab Code: CHEM

SAS No.: BP101424 SDG NO.: BP101424

Lab File ID: BP022348.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	33
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	86.5
443	15.0 - 24.0% of mass 442	16.9 (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
A4EP6	P4237-17	BP022367.D	10/14/2024	22:48
A4EQ0	P4237-19	BP022368.D	10/14/2024	23:29
A4F11	P4237-06	BP022369.D	10/15/2024	00:10
A4EP7	P4237-18	BP022370.D	10/15/2024	00:51
SLCS830	PB163830BS	BP022371.D	10/15/2024	01:32
SLCS884	PB163884BS	BP022372.D	10/15/2024	02:13
SLCS924	PB163924BS	BP022373.D	10/15/2024	02:54
SSTD020652	SSTDCCC020	BP022374.D	10/15/2024	04:15
SBLK884	PB163884BL	BP022375.D	10/15/2024	04:57
SBLK091	PB164091BL	BP022376.D	10/15/2024	05:37
A4F23	P4237-09	BP022377.D	10/15/2024	06:18
A4F22	P4237-08	BP022378.D	10/15/2024	06:59
DCYN5DL	P4264-01DL	BP022379.D	10/15/2024	07:40
DCYN6DL	P4264-02DL	BP022380.D	10/15/2024	08:21
DCYN7DL	P4264-03DL	BP022381.D	10/15/2024	09:01