

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824

Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:13:00

Lab File ID: BP020830.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020676 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.440	0.010	-15.493	40.0
Benzaldehyde	0.830	0.911	0.010	9.8297	40.0
Pyridine	1.406	1.208	0.010	-14.111	40.0
Phenol	1.673	1.462	0.080	-12.5973	20.0
Bis(2-Chloroethyl)ether	1.385	1.197	0.100	-13.5404	20.0
2-Chlorophenol	1.348	1.208	0.200	-10.3702	20.0
2-Methylphenol	1.283	1.128	0.010	-12.1194	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.728	0.010	-17.9169	40.0
Acetophenone	2.128	1.901	0.060	-10.6357	20.0
4-Methylphenol	1.359	1.228	0.010	-9.6071	20.0
N-Nitroso-di-n-propylamine	1.131	0.943	0.050	-16.5891	30.0
Hexachloroethane	0.585	0.524	0.100	-10.4237	20.0
Nitrobenzene	0.383	0.345	0.050	-9.8301	25.0
Isophorone	0.758	0.668	0.050	-11.8691	25.0
2-Nitrophenol	0.160	0.174	0.050	9.1948	25.0
2,4-Dimethylphenol	0.372	0.337	0.050	-9.2858	25.0
Bis(2-Chloroethoxy)methane	0.451	0.395	0.050	-12.4438	20.0
2,4-Dichlorophenol	0.301	0.292	0.060	-3.0354	20.0
Naphthalene	1.070	0.951	0.200	-11.1855	20.0
4-Chloroaniline	0.411	0.392	0.010	-4.5297	40.0
Hexachlorobutadiene	0.225	0.211	0.040	-6.3191	30.0
Caprolactam	0.092	0.100	0.010	8.5974	40.0
4-Chloro-3-methylphenol	0.333	0.323	0.040	-2.7677	25.0
1-Methylnaphthalene	0.733	0.680	0.100	-7.1821	20.0
2-Methylnaphthalene	0.717	0.663	0.100	-7.5175	20.0
Hexachlorocyclopentadiene	0.398	0.278	0.010	-30.0444	40.0
2,4,6-Trichlorophenol	0.381	0.372	0.090	-2.6004	25.0
2,4,5-Trichlorophenol	0.396	0.400	0.100	1.1059	25.0
1,1-Biphenyl	1.496	1.289	0.200	-13.8365	20.0
2-Chloronaphthalene	1.178	1.040	0.300	-11.7378	20.0
2-Nitroaniline	0.297	0.302	0.050	1.6698	40.0
Dimethylphthalate	1.417	1.347	0.300	-4.9186	20.0
2,6-Dinitrotoluene	0.253	0.273	0.080	8.1606	30.0
Acenaphthylene	1.874	1.682	0.400	-10.285	20.0
3-Nitroaniline	0.235	0.272	0.010	15.9086	40.0
Acenaphthene	1.243	1.116	0.200	-10.2606	20.0
2,4-Dinitrophenol	0.131	0.146	0.010	11.367	40.0
4-Nitrophenol	0.190	0.178	0.010	-6.3781	40.0
Dibenzofuran	1.675	1.544	0.300	-7.8232	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824

Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:13:00

Lab File ID: BP020830.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020676 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.402	0.070	15.2193	30.0
Diethylphthalate	1.397	1.356	0.300	-2.9263	20.0
Fluorene	1.346	1.262	0.200	-6.2206	20.0
4-Chlorophenyl-phenylether	0.702	0.659	0.100	-6.1192	20.0
4-Nitroaniline	0.223	0.274	0.010	23.1281	40.0
4,6-Dinitro-2-methylphenol	0.108	0.116	0.010	7.5151	40.0
N-Nitrosodiphenylamine	0.590	0.502	0.050	-14.9464	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.574	0.100	-10.2741	20.0
4-Bromophenyl-phenylether	0.223	0.196	0.070	-12.004	20.0
Hexachlorobenzene	0.250	0.228	0.050	-8.517	25.0
Atrazine	0.208	0.196	0.010	-5.7497	25.0
Pentachlorophenol	0.144	0.134	0.010	-6.8736	40.0
Phenanthrene	1.047	0.935	0.200	-10.7172	20.0
Pentachlorobenzene	0.309	0.264	0.050	-14.626	20.0
Anthracene	1.077	0.945	0.200	-12.2751	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.260	0.050	-19.9704	20.0
Carbazole	0.889	0.847	0.050	-4.7782	40.0
Di-n-butylphthalate	1.155	1.104	0.500	-4.3613	25.0
Fluoranthene	1.468	1.166	0.400	-20.5325	25.0
Pyrene	1.505	1.202	0.400	-20.147	25.0
Butylbenzylphthalate	0.559	0.535	0.100	-4.2238	40.0
3,3-Dichlorobenzidine	0.442	0.436	0.010	-1.4111	40.0
Benzo (a) anthracene	1.402	1.262	0.300	-9.9804	30.0
Chrysene	1.325	1.169	0.200	-11.7946	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.769	0.200	-11.3495	40.0
Di-n-octyl phthalate	1.284	1.156	0.010	-9.9779	40.0
Benzo (b) fluoranthene	1.212	1.058	0.200	-12.7165	25.0
Benzo (k) fluoranthene	1.226	1.079	0.200	-11.9504	25.0
Benzo (a) pyrene	1.144	1.016	0.200	-11.1428	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.275	0.200	-13.0735	25.0
Dibenzo (a,h) anthracene	1.206	1.048	0.200	-13.0602	30.0
Benzo (g,h,i) perylene	1.198	1.031	0.200	-13.9278	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.347	0.040	6.2026	20.0
1,4-Dioxane-d8	0.466	0.406	0.010	-12.7434	25.0
Pyridine-d5	1.357	1.162	0.010	-14.4069	40.0
Phenol-d5	1.640	1.452	0.010	-11.4762	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.871	0.050	-16.2698	25.0
2-Chlorophenol-d4	1.341	1.222	0.200	-8.8363	20.0
4-Methylphenol-d8	1.332	1.199	0.010	-9.9818	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824
 Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:13:00
 Lab File ID: BP020830.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020676 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.147	0.050	-0.5688	20.0
2-Nitrophenol-d4	0.148	0.169	0.050	14.0912	30.0
2,4-Dichlorophenol-d3	0.304	0.300	0.060	-1.53	20.0
4-Chloroaniline-d4	0.427	0.404	0.010	-5.347	40.0
Dimethylphthalate-d6	1.391	1.338	0.300	-3.7855	20.0
Acenaphthylene-d8	1.659	1.505	0.400	-9.2754	20.0
4-Nitrophenol-d4	0.212	0.222	0.010	4.3825	40.0
Fluorene-d10	1.170	1.113	0.100	-4.9032	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.109	0.010	8.618	40.0
Anthracene-d10	0.898	0.815	0.300	-9.2057	20.0
Pyrene-d10	1.202	0.993	0.300	-17.3498	25.0
Benzo(a)pyrene-d12	0.973	0.878	0.010	-9.7369	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.: BP070824 SAS No.: BP070824 SDG No.: BP070824

Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:20:52

Lab File ID: BP020840.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020677 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.468	0.010	-10.2078	40.0
Benzaldehyde	0.830	0.928	0.010	11.8645	40.0
Pyridine	1.406	1.186	0.010	-15.6252	40.0
Phenol	1.673	1.485	0.080	-11.197	20.0
Bis(2-Chloroethyl)ether	1.385	1.225	0.100	-11.564	20.0
2-Chlorophenol	1.348	1.223	0.200	-9.2513	20.0
2-Methylphenol	1.283	1.165	0.010	-9.2098	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.754	0.010	-16.6449	40.0
Acetophenone	2.128	1.899	0.060	-10.7658	20.0
4-Methylphenol	1.359	1.253	0.010	-7.7727	20.0
N-Nitroso-di-n-propylamine	1.131	0.960	0.050	-15.1528	30.0
Hexachloroethane	0.585	0.531	0.100	-9.2681	20.0
Nitrobenzene	0.383	0.340	0.050	-11.2623	25.0
Isophorone	0.758	0.662	0.050	-12.6916	25.0
2-Nitrophenol	0.160	0.168	0.050	5.5364	25.0
2,4-Dimethylphenol	0.372	0.335	0.050	-9.8027	25.0
Bis(2-Chloroethoxy)methane	0.451	0.399	0.050	-11.6387	20.0
2,4-Dichlorophenol	0.301	0.290	0.060	-3.6934	20.0
Naphthalene	1.070	0.950	0.200	-11.2629	20.0
4-Chloroaniline	0.411	0.382	0.010	-7.0835	40.0
Hexachlorobutadiene	0.225	0.208	0.040	-7.6186	30.0
Caprolactam	0.092	0.095	0.010	3.3941	40.0
4-Chloro-3-methylphenol	0.333	0.321	0.040	-3.5811	25.0
1-Methylnaphthalene	0.733	0.673	0.100	-8.2138	20.0
2-Methylnaphthalene	0.717	0.658	0.100	-8.3052	20.0
Hexachlorocyclopentadiene	0.398	0.252	0.010	-36.6626	40.0
2,4,6-Trichlorophenol	0.381	0.361	0.090	-5.4304	25.0
2,4,5-Trichlorophenol	0.396	0.378	0.100	-4.3825	25.0
1,1-Biphenyl	1.496	1.270	0.200	-15.1042	20.0
2-Chloronaphthalene	1.178	1.016	0.300	-13.7886	20.0
2-Nitroaniline	0.297	0.292	0.050	-1.7197	40.0
Dimethylphthalate	1.417	1.322	0.300	-6.6846	20.0
2,6-Dinitrotoluene	0.253	0.268	0.080	6.2735	30.0
Acenaphthylene	1.874	1.660	0.400	-11.4599	20.0
3-Nitroaniline	0.235	0.263	0.010	11.9731	40.0
Acenaphthene	1.243	1.100	0.200	-11.5253	20.0
2,4-Dinitrophenol	0.131	0.128	0.010	-2.2706	40.0
4-Nitrophenol	0.190	0.176	0.010	-7.295	40.0
Dibenzofuran	1.675	1.528	0.300	-8.7838	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824

Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:20:52

Lab File ID: BP020840.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020677 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.394	0.070	12.8675	30.0
Diethylphthalate	1.397	1.340	0.300	-4.1184	20.0
Fluorene	1.346	1.256	0.200	-6.7275	20.0
4-Chlorophenyl-phenylether	0.702	0.658	0.100	-6.2946	20.0
4-Nitroaniline	0.223	0.290	0.010	30.3227	40.0
4,6-Dinitro-2-methylphenol	0.108	0.112	0.010	3.8274	40.0
N-Nitrosodiphenylamine	0.590	0.503	0.050	-14.7929	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.570	0.100	-10.856	20.0
4-Bromophenyl-phenylether	0.223	0.197	0.070	-11.5836	20.0
Hexachlorobenzene	0.250	0.230	0.050	-7.8006	25.0
Atrazine	0.208	0.197	0.010	-5.1375	25.0
Pentachlorophenol	0.144	0.131	0.010	-9.0158	40.0
Phenanthrene	1.047	0.943	0.200	-9.9669	20.0
Pentachlorobenzene	0.309	0.260	0.050	-15.9489	20.0
Anthracene	1.077	0.970	0.200	-9.9801	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.259	0.050	-20.3592	20.0
Carbazole	0.889	0.866	0.050	-2.6397	40.0
Di-n-butylphthalate	1.155	1.105	0.500	-4.3438	25.0
Fluoranthene	1.468	1.185	0.400	-19.2265	25.0
Pyrene	1.505	1.216	0.400	-19.211	25.0
Butylbenzylphthalate	0.559	0.523	0.100	-6.3655	40.0
3,3-Dichlorobenzidine	0.442	0.425	0.010	-3.9687	40.0
Benzo (a) anthracene	1.402	1.240	0.300	-11.5301	30.0
Chrysene	1.325	1.152	0.200	-13.0611	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.768	0.200	-11.504	40.0
Di-n-octyl phthalate	1.284	1.168	0.010	-9.064	40.0
Benzo (b) fluoranthene	1.212	1.076	0.200	-11.156	25.0
Benzo (k) fluoranthene	1.226	1.065	0.200	-13.1008	25.0
Benzo (a) pyrene	1.144	1.012	0.200	-11.5386	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.252	0.200	-14.6598	25.0
Dibenzo (a,h) anthracene	1.206	1.042	0.200	-13.5778	30.0
Benzo (g,h,i) perylene	1.198	1.015	0.200	-15.2651	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.338	0.040	3.5673	20.0
1,4-Dioxane-d8	0.466	0.408	0.010	-12.3533	25.0
Pyridine-d5	1.357	1.167	0.010	-13.9976	40.0
Phenol-d5	1.640	1.460	0.010	-10.9805	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.887	0.050	-14.6903	25.0
2-Chlorophenol-d4	1.341	1.233	0.200	-8.0109	20.0
4-Methylphenol-d8	1.332	1.222	0.010	-8.2649	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824
 Instrument ID: BNA_P Calibration Date/Time: 7/8/2024 12:20:52
 Lab File ID: BP020840.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020677 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.143	0.050	-3.182	20.0
2-Nitrophenol-d4	0.148	0.163	0.050	10.5689	30.0
2,4-Dichlorophenol-d3	0.304	0.301	0.060	-1.0424	20.0
4-Chloroaniline-d4	0.427	0.404	0.010	-5.2101	40.0
Dimethylphthalate-d6	1.391	1.311	0.300	-5.7336	20.0
Acenaphthylene-d8	1.659	1.486	0.400	-10.444	20.0
4-Nitrophenol-d4	0.212	0.217	0.010	1.9213	40.0
Fluorene-d10	1.170	1.106	0.100	-5.477	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.101	0.010	0.6843	40.0
Anthracene-d10	0.898	0.821	0.300	-8.4889	20.0
Pyrene-d10	1.202	0.980	0.300	-18.437	25.0
Benzo(a)pyrene-d12	0.973	0.876	0.010	-9.967	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.: BP070824 SAS No.: BP070824 SDG No.: BP070824

Instrument ID: BNA_P Calibration Date/Time: 7/9/2024 12:08:16

Lab File ID: BP020855.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020678 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.432	0.010	-17.1683	40.0
Benzaldehyde	0.830	0.940	0.010	13.3355	40.0
Pyridine	1.406	1.205	0.010	-14.3201	40.0
Phenol	1.673	1.524	0.080	-8.9092	20.0
Bis(2-Chloroethyl)ether	1.385	1.244	0.100	-10.1601	20.0
2-Chlorophenol	1.348	1.276	0.200	-5.2933	20.0
2-Methylphenol	1.283	1.185	0.010	-7.6421	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.792	0.010	-14.8619	40.0
Acetophenone	2.128	1.928	0.060	-9.3661	20.0
4-Methylphenol	1.359	1.268	0.010	-6.6969	20.0
N-Nitroso-di-n-propylamine	1.131	0.970	0.050	-14.1976	30.0
Hexachloroethane	0.585	0.538	0.100	-8.104	20.0
Nitrobenzene	0.383	0.338	0.050	-11.6688	25.0
Isophorone	0.758	0.655	0.050	-13.6222	25.0
2-Nitrophenol	0.160	0.169	0.050	6.0794	25.0
2,4-Dimethylphenol	0.372	0.332	0.050	-10.6796	25.0
Bis(2-Chloroethoxy)methane	0.451	0.391	0.050	-13.4219	20.0
2,4-Dichlorophenol	0.301	0.287	0.060	-4.6781	20.0
Naphthalene	1.070	0.952	0.200	-11.0542	20.0
4-Chloroaniline	0.411	0.382	0.010	-6.8846	40.0
Hexachlorobutadiene	0.225	0.211	0.040	-6.3072	30.0
Caprolactam	0.092	0.095	0.010	3.6862	40.0
4-Chloro-3-methylphenol	0.333	0.320	0.040	-3.8593	25.0
1-Methylnaphthalene	0.733	0.680	0.100	-7.2638	20.0
2-Methylnaphthalene	0.717	0.658	0.100	-8.283	20.0
Hexachlorocyclopentadiene	0.398	0.253	0.010	-36.3458	40.0
2,4,6-Trichlorophenol	0.381	0.370	0.090	-2.8786	25.0
2,4,5-Trichlorophenol	0.396	0.392	0.100	-0.8401	25.0
1,1-Biphenyl	1.496	1.311	0.200	-12.3305	20.0
2-Chloronaphthalene	1.178	1.037	0.300	-11.9989	20.0
2-Nitroaniline	0.297	0.302	0.050	1.8816	40.0
Dimethylphthalate	1.417	1.319	0.300	-6.8897	20.0
2,6-Dinitrotoluene	0.253	0.272	0.080	7.7366	30.0
Acenaphthylene	1.874	1.680	0.400	-10.3521	20.0
3-Nitroaniline	0.235	0.271	0.010	15.4785	40.0
Acenaphthene	1.243	1.102	0.200	-11.3281	20.0
2,4-Dinitrophenol	0.131	0.120	0.010	-8.1913	40.0
4-Nitrophenol	0.190	0.175	0.010	-7.7593	40.0
Dibenzofuran	1.675	1.532	0.300	-8.5521	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824
Instrument ID: BNA_P Calibration Date/Time: 7/9/2024 12:08:16
Lab File ID: BP020855.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020678 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.399	0.070	14.3946	30.0
Diethylphthalate	1.397	1.370	0.300	-1.9652	20.0
Fluorene	1.346	1.271	0.200	-5.6156	20.0
4-Chlorophenyl-phenylether	0.702	0.668	0.100	-4.8671	20.0
4-Nitroaniline	0.223	0.300	0.010	34.6574	40.0
4,6-Dinitro-2-methylphenol	0.108	0.105	0.010	-2.5104	40.0
N-Nitrosodiphenylamine	0.590	0.498	0.050	-15.5642	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.576	0.100	-9.9157	20.0
4-Bromophenyl-phenylether	0.223	0.197	0.070	-11.7591	20.0
Hexachlorobenzene	0.250	0.232	0.050	-7.2047	25.0
Atrazine	0.208	0.197	0.010	-5.3815	25.0
Pentachlorophenol	0.144	0.131	0.010	-8.924	40.0
Phenanthrene	1.047	0.935	0.200	-10.696	20.0
Pentachlorobenzene	0.309	0.265	0.050	-14.4687	20.0
Anthracene	1.077	0.966	0.200	-10.308	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.264	0.050	-18.6523	20.0
Carbazole	0.889	0.842	0.050	-5.3107	40.0
Di-n-butylphthalate	1.155	1.096	0.500	-5.1308	25.0
Fluoranthene	1.468	1.216	0.400	-17.1686	25.0
Pyrene	1.505	1.269	0.400	-15.6613	25.0
Butylbenzylphthalate	0.559	0.541	0.100	-3.2466	40.0
3,3-Dichlorobenzidine	0.442	0.402	0.010	-9.0178	40.0
Benzo (a) anthracene	1.402	1.244	0.300	-11.2524	30.0
Chrysene	1.325	1.164	0.200	-12.1899	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.777	0.200	-10.477	40.0
Di-n-octyl phthalate	1.284	1.152	0.010	-10.2471	40.0
Benzo (b) fluoranthene	1.212	1.070	0.200	-11.6634	25.0
Benzo (k) fluoranthene	1.226	1.074	0.200	-12.3741	25.0
Benzo (a) pyrene	1.144	1.030	0.200	-9.9103	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.268	0.200	-13.5782	25.0
Dibenzo (a,h) anthracene	1.206	1.061	0.200	-12.0269	30.0
Benzo (g,h,i) perylene	1.198	1.029	0.200	-14.1223	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.347	0.040	6.329	20.0
1,4-Dioxane-d8	0.466	0.401	0.010	-13.9941	25.0
Pyridine-d5	1.357	1.154	0.010	-14.9982	40.0
Phenol-d5	1.640	1.505	0.010	-8.2472	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.895	0.050	-13.9644	25.0
2-Chlorophenol-d4	1.341	1.275	0.200	-4.8918	20.0
4-Methylphenol-d8	1.332	1.267	0.010	-4.8848	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG No.: BP070824
 Instrument ID: BNA_P Calibration Date/Time: 7/9/2024 12:08:16
 Lab File ID: BP020855.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020678 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.144	0.050	-2.3677	20.0
2-Nitrophenol-d4	0.148	0.163	0.050	10.3606	30.0
2,4-Dichlorophenol-d3	0.304	0.299	0.060	-1.8385	20.0
4-Chloroaniline-d4	0.427	0.411	0.010	-3.7483	40.0
Dimethylphthalate-d6	1.391	1.317	0.300	-5.3111	20.0
Acenaphthylene-d8	1.659	1.515	0.400	-8.6797	20.0
4-Nitrophenol-d4	0.212	0.220	0.010	3.6121	40.0
Fluorene-d10	1.170	1.115	0.100	-4.7355	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.097	0.010	-4.0483	40.0
Anthracene-d10	0.898	0.831	0.300	-7.3951	20.0
Pyrene-d10	1.202	1.025	0.300	-14.6835	25.0
Benzo(a)pyrene-d12	0.973	0.885	0.010	-9.0563	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK756	SDG No.:	BP070824
Lab Sample ID:	PB161756BL	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
BP020831.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK756	SDG No.:	BP070824
Lab Sample ID:	PB161756BL	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
BP020831.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK756	SDG No.:	BP070824
Lab Sample ID:	PB161756BL	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
BP020831.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	5.554		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	23.201		20-120		58	SPK: -40
4165-62-2	Phenol-d5	26.06		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.491		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.661		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.174		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.894		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.992		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.45		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.659		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.552		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	26.962		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.885		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	29.727		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK756	SDG No.:	BP070824
Lab Sample ID:	PB161756BL	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
BP020831.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.244		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	29.045		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	25.285		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.124		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167149	7.728				
1146-65-2	Naphthalene-d8	690319	10.499				
15067-26-2	Acenaphthene-d10	468863	14.369				
1517-22-2	Phenanthrene-d10	1016892	17.181				
1719-03-5	Chrysene-d12	1054949	21.633				
1520-96-3	Perylene-d12	1220950	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BP070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020832.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BP070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020832.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BP070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020832.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.046		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.241	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	10.452		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.716		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.574		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	23.484		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	37.668		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.711		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.121		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.227		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.465		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	36.523		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.158		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	40.553		25-125		101	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BP070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020832.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.14		10-130		113	SPK: -40
1719-06-8	Anthracene-d10	41.332		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	39.282		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.861		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150313	7.728				
1146-65-2	Naphthalene-d8	636982	10.505				
15067-26-2	Acenaphthene-d10	432971	14.363				
1517-22-2	Phenanthrene-d10	938508	17.175				
1719-03-5	Chrysene-d12	910044	21.622				
1520-96-3	Perylene-d12	1051921	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3.5	J			18.116	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BP070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020833.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BP070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020833.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BP070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020833.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.951		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	8.844		20-120		22	SPK: -40
4165-62-2	Phenol-d5	11.393		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.371		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.124		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	26.5		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	45.942		20-125		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	52.671	*	20-130		132	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.117		20-120		105	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.052		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	48.118		25-130		120	SPK: -40
93951-97-4	Acenaphthylene-d8	43.152		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.481		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	47.56		25-125		119	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BP070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020833.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	50.526		10-130		126	SPK: -40
1719-06-8	Anthracene-d10	46.377		25-130		116	SPK: -40
1718-52-1	Pyrene-d10	43.31		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.213		20-130		121	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144691	7.728				
1146-65-2	Naphthalene-d8	598602	10.499				
15067-26-2	Acenaphthene-d10	406467	14.357				
1517-22-2	Phenanthrene-d10	902253	17.175				
1719-03-5	Chrysene-d12	873238	21.628				
1520-96-3	Perylene-d12	1005669	24.969				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.8	J			7.793	
000057-10-3	n-Hexadecanoic acid	3.4	J			18.098	
	(DEL) Alkane: Straight-Chain	21.292	J			21.292	
E966796	Total Alkanes	2.1				99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BP070824
Lab Sample ID:	P3084-03	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
BP020834.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	1.3	J	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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BP070824
Lab Sample ID:	P3084-03	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
BP020834.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BP070824
Lab Sample ID:	P3084-03	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
BP020834.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	5.073		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	5.277	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	10.901		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.17		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.917		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	25.15		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	45.599		20-125		114	SPK: -40
93951-78-1	2-Nitrophenol-d4	51.613		20-130		129	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.458		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.669		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.408		25-130		119	SPK: -40
93951-97-4	Acenaphthylene-d8	42.579		10-130		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.177		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	46.29		25-125		116	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BP070824
Lab Sample ID:	P3084-03	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
BP020834.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	51.178		10-130		128	SPK: -40
1719-06-8	Anthracene-d10	47.497		25-130		119	SPK: -40
1718-52-1	Pyrene-d10	41.933		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.793		20-130		122	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154077	7.728				
1146-65-2	Naphthalene-d8	620358	10.499				
15067-26-2	Acenaphthene-d10	407321	14.369				
1517-22-2	Phenanthrene-d10	895105	17.181				
1719-03-5	Chrysene-d12	917577	21.616				
1520-96-3	Perylene-d12	1064210	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	2.2	J			4.346	
000104-76-7	1-Hexanol, 2-ethyl-	9.7	J			7.793	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.8	J			17.869	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BP070824
Lab Sample ID:	P3084-04	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
BP020835.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	1.7	J	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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BP070824
Lab Sample ID:	P3084-04	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
BP020835.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BP070824
Lab Sample ID:	P3084-04	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
BP020835.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	4.878		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	6.141	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	12.25		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.665		25-120		102	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.946		20-130		97	SPK: -40
190780-66-6	4-Methylphenol-d8	27.604		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	46.907		20-125		117	SPK: -40
93951-78-1	2-Nitrophenol-d4	54.258	*	20-130		136	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	44.076		20-120		110	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.407		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	48.703		25-130		122	SPK: -40
93951-97-4	Acenaphthylene-d8	43.5		10-130		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.721		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	48.462		25-125		121	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BP070824
Lab Sample ID:	P3084-04	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
BP020835.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	50.417		10-130		126	SPK: -40
1719-06-8	Anthracene-d10	46.013		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	42.237		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.802		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166969	7.728				
1146-65-2	Naphthalene-d8	690564	10.499				
15067-26-2	Acenaphthene-d10	458286	14.363				
1517-22-2	Phenanthrene-d10	1017199	17.186				
1719-03-5	Chrysene-d12	1005338	21.627				
1520-96-3	Perylene-d12	1154147	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	2.6	J			4.346	
000104-76-7	1-Hexanol, 2-ethyl-	10	J			7.793	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.7	J			17.881	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BP070824
Lab Sample ID:	P3084-05	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
BP020836.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	1.8	J	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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BP070824
Lab Sample ID:	P3084-05	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
BP020836.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BP070824
Lab Sample ID:	P3084-05	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
BP020836.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

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	4.496		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.191		20-120		23	SPK: -40
4165-62-2	Phenol-d5	11.55		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.471		25-120		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.396		20-130		96	SPK: -40
190780-66-6	4-Methylphenol-d8	26.647		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	45.353		20-125		113	SPK: -40
93951-78-1	2-Nitrophenol-d4	52.608	*	20-130		132	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.653		20-120		107	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.193		1-146		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	48.281		25-130		121	SPK: -40
93951-97-4	Acenaphthylene-d8	43.66		10-130		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.657		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	47.201		25-125		118	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BP070824
Lab Sample ID:	P3084-05	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
BP020836.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	50.881		10-130		127	SPK: -40
1719-06-8	Anthracene-d10	47.086		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	42.88		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.697		20-130		122	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146995	7.728				
1146-65-2	Naphthalene-d8	614230	10.499				
15067-26-2	Acenaphthene-d10	415420	14.363				
1517-22-2	Phenanthrene-d10	921183	17.175				
1719-03-5	Chrysene-d12	919897	21.627				
1520-96-3	Perylene-d12	1044918	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	2.7	J			4.346	
000104-76-7	1-Hexanol, 2-ethyl-	11	J			7.793	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.9	J			17.869	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS756	SDG No.:	BP070824
Lab Sample ID:	PB161756BS	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
BP020837.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
110-86-1	Pyridine	28		1.7	10	10	ug/L
100-52-7	Benzaldehyde	31		1.1	5	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	31		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	30		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		1.5	2.5	5	ug/L
105-60-2	Caprolactam	38		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	21		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS756	SDG No.:	BP070824
Lab Sample ID:	PB161756BS	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
BP020837.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	40		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	42		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	32		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.3	2.5	5	ug/L
86-73-7	Fluorene	32		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.2	2.5	5	ug/L
1912-24-9	Atrazine	8.7	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	29		1.9	5	10	ug/L
85-01-8	Phenanthrene	32		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS756	SDG No.:	BP070824
Lab Sample ID:	PB161756BS	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
BP020837.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	33		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.091		15-120		89	SPK: -8
7291-22-7	Pyridine-d5	28.046		20-120		70	SPK: -40
4165-62-2	Phenol-d5	32.106		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.643		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.848		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.118		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	33.897		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.266		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.32		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.476		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.717		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.732		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.242		10-150		98	SPK: -40
81103-79-9	Fluorene-d10	34.156		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS756	SDG No.:	BP070824
Lab Sample ID:	PB161756BS	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
BP020837.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.709		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	31.503		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	30.237		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.052		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159366	7.722				
1146-65-2	Naphthalene-d8	671849	10.493				
15067-26-2	Acenaphthene-d10	449828	14.363				
1517-22-2	Phenanthrene-d10	975116	17.175				
1719-03-5	Chrysene-d12	954076	21.627				
1520-96-3	Perylene-d12	1121924	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BP070824
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020838.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.3	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.3	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.3	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.3	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.5	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.5	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.5	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BP070824
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020838.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.5	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.3	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.3	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.3	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.5	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.5	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.5	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.3	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.3	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.5	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.5	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BP070824
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020838.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.5	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.025		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	11.477		20-120		29	SPK: -40
4165-62-2	Phenol-d5	18.132		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.617		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.735		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	19.549		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.237		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.857		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.544		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.324		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.54		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	20.679		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.629		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.16		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BP070824
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020838.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.214		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	22.084		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	20.509		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.305		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163282	7.728				
1146-65-2	Naphthalene-d8	684892	10.499				
15067-26-2	Acenaphthene-d10	471111	14.363				
1517-22-2	Phenanthrene-d10	1043541	17.175				
1719-03-5	Chrysene-d12	1067314	21.633				
1520-96-3	Perylene-d12	1201748	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.104	
	(DEL) Alkane: Straight-Chain	21.298	J			21.298	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BP070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BP020839.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.2	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.2	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.2	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.2	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.4	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.4	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.4	190	ug/Kg
78-59-1	Isophorone	52	U	52	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.4	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BP070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BP020839.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.4	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.2	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	90.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.2	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.4	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.4	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.4	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.2	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.2	360	ug/Kg
85-01-8	Phenanthrene	180	J	32	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.4	190	ug/Kg
120-12-7	Anthracene	41	J	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.4	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.4	190	ug/Kg
206-44-0	Fluoranthene	280		59	90.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BP070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BP020839.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		54	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	90.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	30	46.4	190	ug/Kg
218-01-9	Chrysene	180	J	34	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		36	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	J	42	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	35	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	J	34	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.058		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.607	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	21.285		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.859		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.746		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	22.051		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.904		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.596		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.969		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.062		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.448		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.158		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.087		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	23.953		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BP070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BP020839.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.576		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	22.3		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	19.088		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.577		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253260	7.734				
1146-65-2	Naphthalene-d8	1050224	10.492				
15067-26-2	Acenaphthene-d10	698717	14.357				
1517-22-2	Phenanthrene-d10	1467313	17.169				
1719-03-5	Chrysene-d12	1306767	21.615				
1520-96-3	Perylene-d12	1533949	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	87	J			4.881	
000057-10-3	n-Hexadecanoic acid	340	J			18.104	
000057-11-4	Octadecanoic acid	140	J			19.445	
	(DEL) Alkane: Straight-Chain21.286	370	J			21.286	
	(DEL) Alkane: Straight-Chain22.492	130	J			22.492	
000661-19-8	Behenic alcohol	320	J			22.527	
067860-04-2	Oxirane, heptadecyl-	280	J			23.598	
	(DEL) Alkane: Straight-Chain24.080	410	J			24.08	
1000351-78-2	Heptacosyl acetate	910	J			24.168	
057402-36-5	Docosanal	550	J			25.633	
	(DEL) Alkane: Cyclic26.421	600	J			26.421	
E966796	Total Alkanes	1500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK754	SDG No.:	BP070824
Lab Sample ID:	PB161754BL	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
BP020841.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK754	SDG No.:	BP070824
Lab Sample ID:	PB161754BL	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
BP020841.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK754	SDG No.:	BP070824
Lab Sample ID:	PB161754BL	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
BP020841.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

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	24.992	*	15-120		312	SPK: -8
7291-22-7	Pyridine-d5	120.657	*	20-120		302	SPK: -40
4165-62-2	Phenol-d5	126.839	*	10-130		317	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	121.874	*	10-150		305	SPK: -40
93951-73-6	2-Chlorophenol-d4	127.428	*	15-120		319	SPK: -40
190780-66-6	4-Methylphenol-d8	126.969	*	10-140		317	SPK: -40
4165-60-0	Nitrobenzene-d5	59.597	*	10-135		149	SPK: -40
93951-78-1	2-Nitrophenol-d4	68.182	*	10-120		170	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	55.456		10-140		139	SPK: -40
191656-33-4	4-Chloroaniline-d4	57.727		1-145		144	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.887		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.2		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.875		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	34.036		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK754	SDG No.:	BP070824
Lab Sample ID:	PB161754BL	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
BP020841.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.167		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	29.554		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	27.493		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.945		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36051	7.728				
1146-65-2	Naphthalene-d8	347262	10.498				
15067-26-2	Acenaphthene-d10	416679	14.357				
1517-22-2	Phenanthrene-d10	1010406	17.174				
1719-03-5	Chrysene-d12	989278	21.621				
1520-96-3	Perylene-d12	1113929	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BP070824
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020842.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.5	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.5	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.5	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	30	U	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.5	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	47	U	47	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BP070824
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020842.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

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	53	U	53	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.5	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	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	30	U	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	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.5	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	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.5	390	ug/Kg
85-01-8	Phenanthrene	240		35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	48	J	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	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	360		64	98.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BP070824
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020842.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		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	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	32	50.7	200	ug/Kg
218-01-9	Chrysene	190	J	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	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	97	J	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67	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	31	U	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	6.84		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	2.491	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	39.057		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.051		10-150		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.538		15-120		101	SPK: -40
190780-66-6	4-Methylphenol-d8	37.656		10-140		94	SPK: -40
4165-60-0	Nitrobenzene-d5	42.427		10-135		106	SPK: -40
93951-78-1	2-Nitrophenol-d4	48.758	*	10-120		122	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.133		10-140		103	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.623		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.395		10-145		106	SPK: -40
93951-97-4	Acenaphthylene-d8	39.759		15-120		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.343		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	42.939		20-140		107	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BP070824
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020842.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.568		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	40.815		10-150		102	SPK: -40
1718-52-1	Pyrene-d10	34.435		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.844		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123683	7.728				
1146-65-2	Naphthalene-d8	512961	10.493				
15067-26-2	Acenaphthene-d10	344810	14.363				
1517-22-2	Phenanthrene-d10	728498	17.175				
1719-03-5	Chrysene-d12	693096	21.627				
1520-96-3	Perylene-d12	793320	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	90	J			4.881	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	140	J			17.798	
000057-10-3	n-Hexadecanoic acid	470	J			18.11	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	130	J			18.28	
000057-11-4	Octadecanoic acid	94	J			19.445	
	(DEL) Alkane: Straight-Chain21.286	240	J			21.286	
000111-02-4	Squalene	170	J			23.421	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BP070824
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP020843.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	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	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BP070824
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP020843.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	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	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	250		38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	52	J	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	380		72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BP070824
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP020843.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	36	56.3	230	ug/Kg
218-01-9	Chrysene	190	J	41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	J	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	94	J	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	J	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.388		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.694		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.059		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.594		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.18		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.525		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.574		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.769		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.5		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.284		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.128		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.806		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.335		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BP070824
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP020843.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.166		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.089		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	18.75		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.358		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171058	7.728				
1146-65-2	Naphthalene-d8	727678	10.499				
15067-26-2	Acenaphthene-d10	489335	14.357				
1517-22-2	Phenanthrene-d10	1073926	17.169				
1719-03-5	Chrysene-d12	1031490	21.622				
1520-96-3	Perylene-d12	1187740	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	360	J			18.116	
	(DEL) Alkane: Straight-Chain	21.286	J			21.286	
000111-02-4	Squalene	210	J			23.416	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BP070824
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020844.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BP070824
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020844.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BP070824
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020844.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.245		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	11		20-120		28	SPK: -40
4165-62-2	Phenol-d5	15.708		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.121		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.878		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	16.819		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.525		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.761		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.048		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.398		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.858		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	18.712		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.261		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.477		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BP070824
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020844.D	1	6/26/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.709		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	20.108		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	18.806		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.816		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177130	7.728				
1146-65-2	Naphthalene-d8	745675	10.493				
15067-26-2	Acenaphthene-d10	497606	14.351				
1517-22-2	Phenanthrene-d10	1064037	17.169				
1719-03-5	Chrysene-d12	1050759	21.621				
1520-96-3	Perylene-d12	1217365	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			18.092	
	(DEL) Alkane: Straight-Chain	21.280	J			21.28	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BP070824
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.1
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
BP020845.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.6	120	ug/Kg
100-52-7	Benzaldehyde	79	U	79	140	580	ug/Kg
110-86-1	Pyridine	58	U	58	290	580	ug/Kg
108-95-2	Phenol	76	U	76	140	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	140	580	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	74.7	300	ug/Kg
95-48-7	2-Methylphenol	69	U	69	140	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	580	ug/Kg
98-86-2	Acetophenone	70	U	70	140	580	ug/Kg
106-44-5	4-Methylphenol	65	U	65	140	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	74.7	300	ug/Kg
67-72-1	Hexachloroethane	32	U	32	74.7	300	ug/Kg
98-95-3	Nitrobenzene	54	U	54	74.7	300	ug/Kg
78-59-1	Isophorone	84	U	84	74.7	300	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	74.7	300	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	74.7	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	74.7	300	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	74.7	300	ug/Kg
91-20-3	Naphthalene	44	U	44	74.7	300	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	74.7	580	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	74.7	300	ug/Kg
105-60-2	Caprolactam	130	U	130	140	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	74.7	300	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	74.7	300	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	74.7	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	74.7	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	74.7	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BP070824
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.1
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
BP020845.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	74.7	300	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	74.7	300	ug/Kg
88-74-4	2-Nitroaniline	72	U	72	74.7	300	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	74.7	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	77	U	77	74.7	300	ug/Kg
208-96-8	Acenaphthylene	56	U	56	74.7	300	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	140	580	ug/Kg
83-32-9	Acenaphthene	51	U	51	74.7	300	ug/Kg
51-28-5	2,4-Dinitrophenol	84	U	84	140	580	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	140	580	ug/Kg
132-64-9	Dibenzofuran	56	U	56	74.7	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	76	U	76	74.7	300	ug/Kg
84-66-2	Diethylphthalate	53	U	53	74.7	300	ug/Kg
86-73-7	Fluorene	44	U	44	74.7	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	74.7	300	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	140	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	74.7	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	74.7	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	74.7	300	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	74.7	300	ug/Kg
1912-24-9	Atrazine	120	U	120	140	580	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	580	ug/Kg
85-01-8	Phenanthrene	110	J	51	74.7	300	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	74.7	300	ug/Kg
120-12-7	Anthracene	44	U	44	74.7	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	88	U	88	74.7	300	ug/Kg
86-74-8	Carbazole	49	U	49	140	580	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	74.7	300	ug/Kg
206-44-0	Fluoranthene	170	J	95	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BP070824
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.1
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
BP020845.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	86	74.7	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	74.7	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	140	580	ug/Kg
56-55-3	Benzo(a)anthracene	87	J	47	74.7	300	ug/Kg
218-01-9	Chrysene	97	J	54	74.7	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	74.7	300	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	58	74.7	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	74.7	300	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	56	74.7	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	74.7	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	74.7	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	74.7	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	74.7	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.023		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.778	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	13.181		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.635		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.734		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	12.824		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	14.249		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.416		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.798		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.954		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.984		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	13.995		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.418		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	15.139		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BP070824
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.1
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
BP020845.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.957		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	14.609		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	12.921		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.666		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	358402	7.728				
1146-65-2	Naphthalene-d8	1491833	10.493				
15067-26-2	Acenaphthene-d10	993498	14.357				
1517-22-2	Phenanthrene-d10	2080964	17.169				
1719-03-5	Chrysene-d12	1939421	21.616				
1520-96-3	Perylene-d12	2258421	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			18.104	
002425-77-6	1-Decanol, 2-hexyl-	170	J			21.28	
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BP070824
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020846.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.3	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.3	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.3	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.6	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.6	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.6	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.6	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BP070824
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020846.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.6	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.3	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.3	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.6	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.6	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.3	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.6	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BP070824
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020846.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.543		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	7.064	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	10.232		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.489		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.172		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	10.476		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.294		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.893		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.142		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.23		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.733		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	11.472		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.711		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	12.883		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BP070824
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020846.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.014		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	12.066		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.642		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.636		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	378601	7.728				
1146-65-2	Naphthalene-d8	1567488	10.498				
15067-26-2	Acenaphthene-d10	1047224	14.357				
1517-22-2	Phenanthrene-d10	2281622	17.174				
1719-03-5	Chrysene-d12	2143940	21.621				
1520-96-3	Perylene-d12	2429193	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BP070824
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP020847.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	12.9	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	84	U	84	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.2	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	78	U	78	160	650	ug/Kg
106-44-5	4-Methylphenol	72	U	72	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.2	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.2	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.2	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.2	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.2	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.2	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	83.2	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.2	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.2	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.2	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.2	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.2	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.2	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.2	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.2	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	83.2	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BP070824
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP020847.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.2	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.2	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	83.2	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.2	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.2	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.2	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.2	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.2	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	83.2	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.2	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.2	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.2	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.2	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.2	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.2	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.2	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	650	ug/Kg
85-01-8	Phenanthrene	190	J	57	83.2	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.2	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.2	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.2	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.2	330	ug/Kg
206-44-0	Fluoranthene	380		110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BP070824
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP020847.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	J	96	83.2	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	83.2	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	53	83.2	330	ug/Kg
218-01-9	Chrysene	220	J	61	83.2	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.2	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	J	65	83.2	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	74	83.2	330	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	63	83.2	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	61	83.2	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.2	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.2	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.2	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.112		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.15	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.303		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.97		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.681		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.529		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.099		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.622		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.44		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.33		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.236		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.086		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.286		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	25.293		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BP070824
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.1
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
BP020847.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.726		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	24.023		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.262		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.808		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196008	7.722				
1146-65-2	Naphthalene-d8	807030	10.499				
15067-26-2	Acenaphthene-d10	526308	14.357				
1517-22-2	Phenanthrene-d10	1123269	17.169				
1719-03-5	Chrysene-d12	1043997	21.616				
1520-96-3	Perylene-d12	1207630	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	310	J			18.11	
1000324-48-6	Adipic acid, 2-ethylhexyl octyl es	230	J			20.704	
1000406-04-8	Pentadecafluorooctanoic acid, octa	290	J			21.28	
	(DEL) Alkane: Straight-Chain24.063	330	J			24.063	
E966796	Total Alkanes	330				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BP070824
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
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
BP020848.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.1	92	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	59	U	59	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.8	240	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83	U	83	110	460	ug/Kg
98-86-2	Acetophenone	55	U	55	110	460	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	58.8	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.8	240	ug/Kg
98-95-3	Nitrobenzene	43	U	43	58.8	240	ug/Kg
78-59-1	Isophorone	66	U	66	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.8	240	ug/Kg
91-20-3	Naphthalene	35	U	35	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	58.8	240	ug/Kg
105-60-2	Caprolactam	100	U	100	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	68	U	68	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	68	U	68	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	58.8	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BP070824
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
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
BP020848.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	61	58.8	240	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	61	U	61	110	460	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	460	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	460	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.8	240	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.8	240	ug/Kg
86-73-7	Fluorene	35	U	35	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.8	240	ug/Kg
1912-24-9	Atrazine	98	U	98	110	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	460	ug/Kg
85-01-8	Phenanthrene	180	J	40	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	58.8	240	ug/Kg
120-12-7	Anthracene	35	U	35	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	58.8	240	ug/Kg
86-74-8	Carbazole	39	U	39	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.8	240	ug/Kg
206-44-0	Fluoranthene	290		75	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BP070824
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
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
BP020848.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	68	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	37	58.8	240	ug/Kg
218-01-9	Chrysene	160	J	43	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	130	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	46	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	J	53	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	83	J	44	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	J	43	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.226		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	1.362	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.373		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.44		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.82		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.698		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.43		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.978		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.013		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.86		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.854		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.165		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.838		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.153		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BP070824
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
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
BP020848.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.404		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	23.364		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	20.103		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.138		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225833	7.722				
1146-65-2	Naphthalene-d8	937204	10.493				
15067-26-2	Acenaphthene-d10	631616	14.357				
1517-22-2	Phenanthrene-d10	1329315	17.169				
1719-03-5	Chrysene-d12	1210973	21.616				
1520-96-3	Perylene-d12	1417183	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	210	J			17.798	
000057-10-3	n-Hexadecanoic acid	240	J			18.104	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			18.281	
074338-24-2	2,3,3,4-Tetrachloro-1,1-biphenyl	110	J			19.134	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	130	J			19.169	
000057-11-4	Octadecanoic acid	98	J			19.445	
088104-31-8	2- Chloropropionic acid, octadecyl	210	J			21.28	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BP070824
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BP020849.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.6	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	88.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.6	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.6	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	88.6	350	ug/Kg
98-86-2	Acetophenone	43	U	43	88.6	350	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.6	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.6	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.6	180	ug/Kg
78-59-1	Isophorone	52	U	52	45.6	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.6	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.6	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.6	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BP070824
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BP020849.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.6	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.6	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.6	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.6	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.6	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	88.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.6	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.6	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.6	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.6	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	88.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.6	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.6	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.6	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	88.6	350	ug/Kg
85-01-8	Phenanthrene	38	J	31	45.6	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.6	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.6	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	45.6	180	ug/Kg
206-44-0	Fluoranthene	62	J	58	88.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BP070824
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BP020849.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	66	J	53	45.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	88.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.6	180	ug/Kg
218-01-9	Chrysene	38	J	33	45.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	88.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	J	35	45.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.502		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.969		20-120		42	SPK: -40
4165-62-2	Phenol-d5	23.815		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.163		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.936		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.791		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.646		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.075		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.761		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.447		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.569		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.024		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.59		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.449		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BP070824
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BP020849.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.348		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.076		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	25.775		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.035		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202946	7.728				
1146-65-2	Naphthalene-d8	844862	10.499				
15067-26-2	Acenaphthene-d10	558832	14.363				
1517-22-2	Phenanthrene-d10	1209321	17.169				
1719-03-5	Chrysene-d12	1130166	21.622				
1520-96-3	Perylene-d12	1293712	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	240	J			18.11	
	(DEL) Alkane: Straight-Chain	21.286	J			21.286	
007683-64-9	Supraene	180	J			23.41	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BP070824
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.9
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
BP020850.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.3	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	860	ug/Kg
110-86-1	Pyridine	86	U	86	430	860	ug/Kg
108-95-2	Phenol	110	U	110	220	860	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	220	860	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	110	440	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	860	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	860	ug/Kg
98-86-2	Acetophenone	100	U	100	220	860	ug/Kg
106-44-5	4-Methylphenol	97	U	97	220	860	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	440	ug/Kg
67-72-1	Hexachloroethane	47	U	47	110	440	ug/Kg
98-95-3	Nitrobenzene	81	U	81	110	440	ug/Kg
78-59-1	Isophorone	130	U	130	110	440	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	110	440	ug/Kg
91-20-3	Naphthalene	65	U	65	110	440	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	110	860	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	110	440	ug/Kg
105-60-2	Caprolactam	190	U	190	220	860	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	86	U	86	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	220	860	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BP070824
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.9
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
BP020850.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	110	440	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	440	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	110	440	ug/Kg
208-96-8	Acenaphthylene	84	U	84	110	440	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	220	860	ug/Kg
83-32-9	Acenaphthene	76	U	76	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	220	860	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	220	860	ug/Kg
132-64-9	Dibenzofuran	84	U	84	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	440	ug/Kg
84-66-2	Diethylphthalate	78	U	78	110	440	ug/Kg
86-73-7	Fluorene	65	U	65	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	110	440	ug/Kg
100-01-6	4-Nitroaniline	81	U	81	220	860	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	220	860	ug/Kg
86-30-6	N-Nitrosodiphenylamine	86	U	86	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	76	U	76	110	440	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	110	440	ug/Kg
1912-24-9	Atrazine	190	U	190	220	860	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	220	860	ug/Kg
85-01-8	Phenanthrene	880		76	110	440	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	440	ug/Kg
120-12-7	Anthracene	140	J	65	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	440	ug/Kg
86-74-8	Carbazole	110	J	73	220	860	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	440	ug/Kg
206-44-0	Fluoranthene	1700		140	220	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BP070824
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.9
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
BP020850.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		130	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	860	ug/Kg
56-55-3	Benzo(a)anthracene	730		71	110	440	ug/Kg
218-01-9	Chrysene	930		81	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	J	250	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	220	860	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		86	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	J	99	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	450		84	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	J	81	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	73	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	68	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86	U	86	110	440	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	2.509	*	20-120		6	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.988		15-120		75	SPK: -8
4165-62-2	Phenol-d5	38.571		10-130		96	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.207		10-150		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.804		15-120		102	SPK: -40
190780-66-6	4-Methylphenol-d8	39.273		10-140		98	SPK: -40
4165-60-0	Nitrobenzene-d5	44.217		10-135		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	51.224	*	10-120		128	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.754		10-140		107	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.833		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.067		10-145		108	SPK: -40
93951-97-4	Acenaphthylene-d8	41.135		15-120		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.634		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	44.348		20-140		111	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BP070824
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.9
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
BP020850.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.104		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	42.242		10-150		106	SPK: -40
1718-52-1	Pyrene-d10	35.398		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.444		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147444	7.722				
1146-65-2	Naphthalene-d8	619431	10.493				
15067-26-2	Acenaphthene-d10	425810	14.357				
1517-22-2	Phenanthrene-d10	915884	17.163				
1719-03-5	Chrysene-d12	871199	21.621				
1520-96-3	Perylene-d12	1003717	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			4.881	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.246	
000057-10-3	n-Hexadecanoic acid	1100	J			18.11	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			18.275	
005737-13-3	Cyclopenta(def)phenanthrenone	190	J			19.186	
000057-11-4	Octadecanoic acid	200	J			19.439	
077899-03-7	1-Heneicosyl formate	700	J			21.286	
131758-71-9	(2,3-Diphenylcyclopropyl)methyl ph	190	J			21.921	
	(DEL) Alkane: Straight-Chain22.498	200	J			22.498	
	(DEL) Alkane: Straight-Chain22.539	500	J			22.539	
	(DEL) Alkane: Straight-Chain24.080	1100	J			24.08	
	(DEL) Alkane: Straight-Chain26.286	1100	J			26.286	
E966796	Total Alkanes	2900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BP070824
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
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
BP020851.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

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	64	U	64	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	62.8	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	89	U	89	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	55	U	55	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.8	250	ug/Kg
67-72-1	Hexachloroethane	27	U	27	62.8	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	62.8	250	ug/Kg
78-59-1	Isophorone	71	U	71	62.8	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	62.8	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.8	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	62.8	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	62.8	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.8	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.8	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	62.8	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.8	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	62.8	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.8	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.8	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	62.8	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BP070824
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
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
BP020851.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.8	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.8	250	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	62.8	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	62.8	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	62.8	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	62.8	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	62.8	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	62.8	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	62.8	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.8	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.8	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	62.8	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	62.8	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.8	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	62.8	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.8	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	370		43	62.8	250	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	62.8	250	ug/Kg
120-12-7	Anthracene	69	J	37	62.8	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	62.8	250	ug/Kg
86-74-8	Carbazole	41	U	41	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	62.8	250	ug/Kg
206-44-0	Fluoranthene	670		80	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BP070824
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
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
BP020851.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	480		72	62.8	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.8	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	310		40	62.8	250	ug/Kg
218-01-9	Chrysene	390		46	62.8	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550		140	62.8	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		49	62.8	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	56	62.8	250	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	47	62.8	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	46	62.8	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	J	41	62.8	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.8	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	62.8	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.353		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	2.297	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	24.024		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.38		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.613		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.513		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.25		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.861		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.129		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.116		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.34		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.179		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.382		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	27.936		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BP070824
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
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
BP020851.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.425		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	27.341		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	23.028		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.745		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208795	7.734				
1146-65-2	Naphthalene-d8	866682	10.493				
15067-26-2	Acenaphthene-d10	582349	14.357				
1517-22-2	Phenanthrene-d10	1224798	17.169				
1719-03-5	Chrysene-d12	1113465	21.622				
1520-96-3	Perylene-d12	1287163	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	370	J			18.098	
062796-65-0	1,1-Biphenyl, 2,2,4,6-Tetrachlor	170	J			18.275	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	100	J			19.175	
000057-11-4	Octadecanoic acid	110	J			19.445	
1000406-04-8	Pentadecafluorooctanoic acid, octa	290	J			21.286	
	(DEL) Alkane: Straight-Chain24.080	360	J			24.08	
	(DEL) Alkane: Straight-Chain26.268	120	J			26.268	
E966796	Total Alkanes	480				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BP070824
Lab Sample ID:	P3059-21	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
BP020852.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BP070824
Lab Sample ID:	P3059-21	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
BP020852.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BP070824
Lab Sample ID:	P3059-21	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
BP020852.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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	4.7		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	5.421	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	12.483		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.449		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.757		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	27.847		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	44.045		20-125		110	SPK: -40
93951-78-1	2-Nitrophenol-d4	50.234		20-130		126	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.642		20-120		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.369		1-146		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.239		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	40.675		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.388		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	44.052		25-125		110	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BP070824
Lab Sample ID:	P3059-21	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
BP020852.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.958		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	42.989		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	40.327		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.78		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198130	7.728				
1146-65-2	Naphthalene-d8	815961	10.498				
15067-26-2	Acenaphthene-d10	535768	14.363				
1517-22-2	Phenanthrene-d10	1151359	17.174				
1719-03-5	Chrysene-d12	1088126	21.621				
1520-96-3	Perylene-d12	1279698	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BP070824
Lab Sample ID:	P3084-06	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
BP020853.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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	1.5	J	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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BP070824
Lab Sample ID:	P3084-06	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
BP020853.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BP070824
Lab Sample ID:	P3084-06	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
BP020853.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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	4.579		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	10.437		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.118		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.846		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.575		20-130		94	SPK: -40
190780-66-6	4-Methylphenol-d8	27.574		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	44.428		20-125		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	52.289	*	20-130		131	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.704		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.361		1-146		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.725		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	40.744		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.693		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	43.767		25-125		109	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BP070824
Lab Sample ID:	P3084-06	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
BP020853.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.285		10-130		108	SPK: -40
1719-06-8	Anthracene-d10	42.61		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	39.518		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.036		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236344	7.728				
1146-65-2	Naphthalene-d8	995305	10.493				
15067-26-2	Acenaphthene-d10	669709	14.357				
1517-22-2	Phenanthrene-d10	1465856	17.175				
1719-03-5	Chrysene-d12	1389163	21.622				
1520-96-3	Perylene-d12	1583451	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	2.6	J			4.346	
000104-76-7	1-Hexanol, 2-ethyl-	9.9	J			7.787	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.3	J			17.869	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP070824
Lab Sample ID:	PB161754BS	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
BP020854.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	440		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1500		45	82.5	330	ug/Kg
110-86-1	Pyridine	1100		33	170	330	ug/Kg
108-95-2	Phenol	1300		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1300		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1300		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1300		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1300		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1300		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		31	42.5	170	ug/Kg
78-59-1	Isophorone	1200		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1500		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	960		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		16	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1200		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1300		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1500		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	730		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP070824
Lab Sample ID:	PB161754BS	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
BP020854.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1300		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1700		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1400		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1300		30	42.5	170	ug/Kg
86-73-7	Fluorene	1300		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1900		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		32	42.5	170	ug/Kg
1912-24-9	Atrazine	660		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		52	42.5	170	ug/Kg
120-12-7	Anthracene	1200		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		50	42.5	170	ug/Kg
86-74-8	Carbazole	1400		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1400		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP070824
Lab Sample ID:	PB161754BS	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
BP020854.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1300		27	42.5	170	ug/Kg
218-01-9	Chrysene	1300		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1200		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.377		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	34.551		20-120		86	SPK: -40
4165-62-2	Phenol-d5	40.4		10-130		101	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.443		10-150		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.486		15-120		101	SPK: -40
190780-66-6	4-Methylphenol-d8	40.204		10-140		101	SPK: -40
4165-60-0	Nitrobenzene-d5	41.809		10-135		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	48.6	*	10-120		121	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.355		10-140		106	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.678		1-145		94	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.537		10-145		104	SPK: -40
93951-97-4	Acenaphthylene-d8	38.897		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	47.753		10-150		119	SPK: -40
81103-79-9	Fluorene-d10	41.148		20-140		103	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS754	SDG No.:	BP070824
Lab Sample ID:	PB161754BS	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
BP020854.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.682		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	38.864		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	37.991		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.419		10-140		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164185	7.728				
1146-65-2	Naphthalene-d8	700887	10.498				
15067-26-2	Acenaphthene-d10	466068	14.363				
1517-22-2	Phenanthrene-d10	1003488	17.175				
1719-03-5	Chrysene-d12	922736	21.627				
1520-96-3	Perylene-d12	1070379	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BP070824
Lab Sample ID:	PB161773BL	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
BP020856.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BP070824
Lab Sample ID:	PB161773BL	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
BP020856.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BP070824
Lab Sample ID:	PB161773BL	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
BP020856.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

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	6.426		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	27.337		20-120		68	SPK: -40
4165-62-2	Phenol-d5	30.124		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.668		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.664		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.019		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	32.877		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.457		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.721		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.908		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.754		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.161		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.079		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	33.411		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BP070824
Lab Sample ID:	PB161773BL	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
BP020856.D	1	6/27/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.357		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	31.827		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	30.02		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.002		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191392	7.722				
1146-65-2	Naphthalene-d8	791763	10.493				
15067-26-2	Acenaphthene-d10	532729	14.351				
1517-22-2	Phenanthrene-d10	1185085	17.169				
1719-03-5	Chrysene-d12	1151018	21.621				
1520-96-3	Perylene-d12	1265044	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CS9								
P2963-18	A4CS9	Solid	(DEL) Alkane: Cyclic26.421	*	600.000	J		
P2963-18	A4CS9	Solid	(DEL) Alkane: Straight-Chain21.2	*	370.000	J		
P2963-18	A4CS9	Solid	(DEL) Alkane: Straight-Chain22.4	*	130.000	J		
P2963-18	A4CS9	Solid	(DEL) Alkane: Straight-Chain24.0	*	410.000	J		
P2963-18	A4CS9	Solid	Behenic alcohol	*	320.000	J		
P2963-18	A4CS9	Solid	Docosanal	*	550.000	J		
P2963-18	A4CS9	Solid	Heptacosyl acetate	*	910.000	J		
P2963-18	A4CS9	Solid	n-Hexadecanoic acid	*	340.000	J		
P2963-18	A4CS9	Solid	Octadecanoic acid	*	140.000	J		
P2963-18	A4CS9	Solid	Oxirane, heptadecyl-	*	280.000	J		
P2963-18	A4CS9	Solid	unknown-01	*	87.000	J		
P2963-18	A4CS9	Solid	Total Alkanes	*	1,500.000	26	190	ug/Kg
Total Tics :					5,637.00			
P2963-18	A4CS9	Solid	Anthracene		41.000	J 27	190	ug/Kg
P2963-18	A4CS9	Solid	Benzo(a)anthracene		150.000	J 30	190	ug/Kg
P2963-18	A4CS9	Solid	Benzo(a)pyrene		84.000	J 35	190	ug/Kg
P2963-18	A4CS9	Solid	Benzo(b)fluoranthene		220.000	36	190	ug/Kg
P2963-18	A4CS9	Solid	Benzo(k)fluoranthene		74.000	J 42	190	ug/Kg
P2963-18	A4CS9	Solid	Chrysene		180.000	J 34	190	ug/Kg
P2963-18	A4CS9	Solid	Fluoranthene		280.000	59	190	ug/Kg
P2963-18	A4CS9	Solid	Indeno(1,2,3-cd)pyrene		72.000	J 34	190	ug/Kg
P2963-18	A4CS9	Solid	Phenanthrene		180.000	J 32	190	ug/Kg
P2963-18	A4CS9	Solid	Pyrene		210.000	54	190	ug/Kg
Total Svoc :					1,491.00			
Total Concentration:					7,128.00			
Client ID : A4CX1								
P3035-06	A4CX1	Solid	(DEL) Alkane: Straight-Chain24.0	*	330.000	J		
P3035-06	A4CX1	Solid	Adipic acid, 2-ethylhexyl octyl es	*	230.000	J		
P3035-06	A4CX1	Solid	n-Hexadecanoic acid	*	310.000	J		
P3035-06	A4CX1	Solid	Pentadecafluorooctanoic acid, octyl	*	290.000	J		
P3035-06	A4CX1	Solid	Total Alkanes	*	330.000	47	330	ug/Kg
Total Tics :					1,490.00			
P3035-06	A4CX1	Solid	Benzo(a)anthracene		170.000	J 53	330	ug/Kg
P3035-06	A4CX1	Solid	Benzo(a)pyrene		110.000	J 63	330	ug/Kg
P3035-06	A4CX1	Solid	Benzo(b)fluoranthene		290.000	J 65	330	ug/Kg
P3035-06	A4CX1	Solid	Benzo(k)fluoranthene		83.000	J 74	330	ug/Kg
P3035-06	A4CX1	Solid	Chrysene		220.000	J 61	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-06	A4CX1	Solid	Fluoranthene	380.000		110	330	ug/Kg
P3035-06	A4CX1	Solid	Indeno(1,2,3-cd)pyrene	89.000	J	61	330	ug/Kg
P3035-06	A4CX1	Solid	Phenanthrene	190.000	J	57	330	ug/Kg
P3035-06	A4CX1	Solid	Pyrene	270.000	J	96	330	ug/Kg
Total Svoc :				1,802.00				
Total Concentration:				3,292.00				
Client ID : A4CX4								
P3035-08	A4CX4	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : A4CX7								
P3035-09	A4CX7	Solid	1-Decanol, 2-hexyl-	*	170.000	J		
P3035-09	A4CX7	Solid	n-Hexadecanoic acid	*	140.000	J		
P3035-09	A4CX7	Solid	Total Alkanes	*	0.000	42	300	ug/Kg
Total Tics :				310.00				
P3035-09	A4CX7	Solid	Benzo(a)anthracene		87.000	J	47	300
P3035-09	A4CX7	Solid	Benzo(b)fluoranthene		120.000	J	58	300
P3035-09	A4CX7	Solid	Chrysene		97.000	J	54	300
P3035-09	A4CX7	Solid	Fluoranthene		170.000	J	95	300
P3035-09	A4CX7	Solid	Phenanthrene		110.000	J	51	300
P3035-09	A4CX7	Solid	Pyrene		130.000	J	86	300
Total Svoc :				714.00				
Total Concentration:				1,024.00				
Client ID : A4CX8								
P3035-10	A4CX8	Solid	(DEL) Alkane: Straight-Chain21.2	*	120.000	J		
P3035-10	A4CX8	Solid	n-Hexadecanoic acid	*	110.000	J		
P3035-10	A4CX8	Solid	Total Alkanes	*	120.000	29	210	ug/Kg
Total Tics :				350.00				
Total Concentration:				350.00				
Client ID : A4CY1								
P3035-11	A4CY1	Solid	(DEL) Alkane: Straight-Chain24.0	*	360.000	J		
P3035-11	A4CY1	Solid	(DEL) Alkane: Straight-Chain26.2	*	120.000	J		
P3035-11	A4CY1	Solid	1,1-Biphenyl, 2,2,4,6-Tetrachlor	*	170.000	J		
P3035-11	A4CY1	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	100.000	J		
P3035-11	A4CY1	Solid	n-Hexadecanoic acid	*	370.000	J		
P3035-11	A4CY1	Solid	Octadecanoic acid	*	110.000	J		
P3035-11	A4CY1	Solid	Pentadecafluorooctanoic acid, octa	*	290.000	J		
P3035-11	A4CY1	Solid	Total Alkanes	*	480.000	35	250	ug/Kg
Total Tics :				2,000.00				

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-11	A4CY1	Solid	Anthracene	69.000	J	37	250	ug/Kg
P3035-11	A4CY1	Solid	Benzo(a)anthracene	310.000		40	250	ug/Kg
P3035-11	A4CY1	Solid	Benzo(a)pyrene	190.000	J	47	250	ug/Kg
P3035-11	A4CY1	Solid	Benzo(b)fluoranthene	510.000		49	250	ug/Kg
P3035-11	A4CY1	Solid	Benzo(k)fluoranthene	150.000	J	56	250	ug/Kg
P3035-11	A4CY1	Solid	Bis(2-ethylhexyl)phthalate	550.000		140	250	ug/Kg
P3035-11	A4CY1	Solid	Chrysene	390.000		46	250	ug/Kg
P3035-11	A4CY1	Solid	Dibenzo(a,h)anthracene	64.000	J	41	250	ug/Kg
P3035-11	A4CY1	Solid	Fluoranthene	670.000		80	250	ug/Kg
P3035-11	A4CY1	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	46	250	ug/Kg
P3035-11	A4CY1	Solid	Phenanthrene	370.000		43	250	ug/Kg
P3035-11	A4CY1	Solid	Pyrene	480.000		72	250	ug/Kg
Total Svoc :				3,903.00				
Total Concentration:				5,903.00				

Client ID : A4CW9

P3035-14	A4CW9	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	130.000	J		
P3035-14	A4CW9	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	210.000	J		
P3035-14	A4CW9	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	140.000	J		
P3035-14	A4CW9	Solid	2,3,3,4-Tetrachloro-1,1-biphenyl	*	110.000	J		
P3035-14	A4CW9	Solid	2- Chloropropionic acid, octadecy	*	210.000	J		
P3035-14	A4CW9	Solid	n-Hexadecanoic acid	*	240.000	J		
P3035-14	A4CW9	Solid	Octadecanoic acid	*	98.000	J		
P3035-14	A4CW9	Solid	Total Alkanes	*	0.000		33	240 ug/Kg
Total Tics :				1,138.00				
P3035-14	A4CW9	Solid	Benzo(a)anthracene		150.000	J	37	240 ug/Kg
P3035-14	A4CW9	Solid	Benzo(a)pyrene		83.000	J	44	240 ug/Kg
P3035-14	A4CW9	Solid	Benzo(b)fluoranthene		210.000	J	46	240 ug/Kg
P3035-14	A4CW9	Solid	Benzo(k)fluoranthene		63.000	J	53	240 ug/Kg
P3035-14	A4CW9	Solid	Bis(2-ethylhexyl)phthalate		150.000	J	130	240 ug/Kg
P3035-14	A4CW9	Solid	Chrysene		160.000	J	43	240 ug/Kg
P3035-14	A4CW9	Solid	Fluoranthene		290.000		75	240 ug/Kg
P3035-14	A4CW9	Solid	Indeno(1,2,3-cd)pyrene		59.000	J	43	240 ug/Kg
P3035-14	A4CW9	Solid	Phenanthrene		180.000	J	40	240 ug/Kg
P3035-14	A4CW9	Solid	Pyrene		210.000	J	68	240 ug/Kg
Total Svoc :				1,555.00				
Total Concentration:				2,693.00				

Client ID : A4CX0

P3035-15	A4CX0	Solid	(2,3-Diphenylcyclopropyl)methyl	*	190.000	J		
P3035-15	A4CX0	Solid	(DEL) Alkane: Straight-Chain22.4	*	200.000	J		

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-15	A4CX0	Solid	(DEL) Alkane: Straight-Chain22.5	* 500.000	J			
P3035-15	A4CX0	Solid	(DEL) Alkane: Straight-Chain24.0	* 1,100.000	J			
P3035-15	A4CX0	Solid	(DEL) Alkane: Straight-Chain26.2	* 1,100.000	J			
P3035-15	A4CX0	Solid	1-Heneicosyl formate	* 700.000	J			
P3035-15	A4CX0	Solid	1-Phenoxypropan-2-ol	* 180.000	J			
P3035-15	A4CX0	Solid	4H-Cyclopenta[def]phenanthrene	* 250.000	J			
P3035-15	A4CX0	Solid	Cyclopenta(def)phenanthrenone	* 190.000	J			
P3035-15	A4CX0	Solid	n-Hexadecanoic acid	* 1,100.000	J			
P3035-15	A4CX0	Solid	Octadecanoic acid	* 200.000	J			
P3035-15	A4CX0	Solid	unknown-01	* 180.000	J			
P3035-15	A4CX0	Solid	Total Alkanes	* 2,900.000		63	440	ug/Kg
Total Tics :				8,790.00				
P3035-15	A4CX0	Solid	Anthracene	140.000	J	65	440	ug/Kg
P3035-15	A4CX0	Solid	Benzo(a)anthracene	730.000		71	440	ug/Kg
P3035-15	A4CX0	Solid	Benzo(a)pyrene	450.000		84	440	ug/Kg
P3035-15	A4CX0	Solid	Benzo(b)fluoranthene	1,200.000		86	440	ug/Kg
P3035-15	A4CX0	Solid	Benzo(k)fluoranthene	420.000	J	99	440	ug/Kg
P3035-15	A4CX0	Solid	Bis(2-ethylhexyl)phthalate	300.000	J	250	440	ug/Kg
P3035-15	A4CX0	Solid	Carbazole	110.000	J	73	860	ug/Kg
P3035-15	A4CX0	Solid	Chrysene	930.000		81	440	ug/Kg
P3035-15	A4CX0	Solid	Dibenzo(a,h)anthracene	150.000	J	73	440	ug/Kg
P3035-15	A4CX0	Solid	Fluoranthene	1,700.000		140	440	ug/Kg
P3035-15	A4CX0	Solid	Indeno(1,2,3-cd)pyrene	370.000	J	81	440	ug/Kg
P3035-15	A4CX0	Solid	Phenanthrene	880.000		76	440	ug/Kg
P3035-15	A4CX0	Solid	Pyrene	1,100.000		130	440	ug/Kg
Total Svoc :				8,480.00				
Total Concentration:				17,270.00				
Client ID : A4B96								
P3035-18	A4B96	Solid	(DEL) Alkane: Straight-Chain21.2	* 170.000	J			
P3035-18	A4B96	Solid	n-Hexadecanoic acid	* 240.000	J			
P3035-18	A4B96	Solid	Supraene	* 180.000	J			
P3035-18	A4B96	Solid	Total Alkanes	* 170.000		26	180	ug/Kg
Total Tics :				760.00				
P3035-18	A4B96	Solid	Benzo(b)fluoranthene	41.000	J	35	180	ug/Kg
P3035-18	A4B96	Solid	Chrysene	38.000	J	33	180	ug/Kg
P3035-18	A4B96	Solid	Fluoranthene	62.000	J	58	180	ug/Kg
P3035-18	A4B96	Solid	Phenanthrene	38.000	J	31	180	ug/Kg
P3035-18	A4B96	Solid	Pyrene	66.000	J	53	180	ug/Kg
Total Svoc :				245.00				

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,005.00				
Client ID : A4CB8								
P3035-20	A4CB8	Solid	(DEL) Alkane: Straight-Chain21.2 *	150.000	J			
P3035-20	A4CB8	Solid	n-Hexadecanoic acid *	360.000	J			
P3035-20	A4CB8	Solid	Squalene *	210.000	J			
P3035-20	A4CB8	Solid	Total Alkanes *	150.000		32	230	ug/Kg
Total Tics :				870.00				
P3035-20	A4CB8	Solid	Anthracene	52.000	J	33	230	ug/Kg
P3035-20	A4CB8	Solid	Benzo(a)anthracene	190.000	J	36	230	ug/Kg
P3035-20	A4CB8	Solid	Benzo(a)pyrene	94.000	J	42	230	ug/Kg
P3035-20	A4CB8	Solid	Benzo(b)fluoranthene	240.000		44	230	ug/Kg
P3035-20	A4CB8	Solid	Benzo(k)fluoranthene	77.000	J	50	230	ug/Kg
P3035-20	A4CB8	Solid	Chrysene	190.000	J	41	230	ug/Kg
P3035-20	A4CB8	Solid	Fluoranthene	380.000		72	230	ug/Kg
P3035-20	A4CB8	Solid	Indeno(1,2,3-cd)pyrene	66.000	J	41	230	ug/Kg
P3035-20	A4CB8	Solid	Phenanthrene	250.000		38	230	ug/Kg
P3035-20	A4CB8	Solid	Pyrene	260.000		65	230	ug/Kg
Total Svoc :				1,799.00				
Total Concentration:				2,669.00				
Client ID : A4CB9								
P3035-21	A4CB9	Solid	(DEL) Alkane: Straight-Chain21.2 *	240.000	J			
P3035-21	A4CB9	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	140.000	J			
P3035-21	A4CB9	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl *	130.000	J			
P3035-21	A4CB9	Solid	n-Hexadecanoic acid *	470.000	J			
P3035-21	A4CB9	Solid	Octadecanoic acid *	94.000	J			
P3035-21	A4CB9	Solid	Squalene *	170.000	J			
P3035-21	A4CB9	Solid	unknown-01 *	90.000	J			
P3035-21	A4CB9	Solid	Total Alkanes *	240.000		29	200	ug/Kg
Total Tics :				1,574.00				
P3035-21	A4CB9	Solid	Anthracene	48.000	J	30	200	ug/Kg
P3035-21	A4CB9	Solid	Benzo(a)anthracene	180.000	J	32	200	ug/Kg
P3035-21	A4CB9	Solid	Benzo(a)pyrene	97.000	J	38	200	ug/Kg
P3035-21	A4CB9	Solid	Benzo(b)fluoranthene	230.000		39	200	ug/Kg
P3035-21	A4CB9	Solid	Benzo(k)fluoranthene	73.000	J	45	200	ug/Kg
P3035-21	A4CB9	Solid	Chrysene	190.000	J	37	200	ug/Kg
P3035-21	A4CB9	Solid	Fluoranthene	360.000		64	200	ug/Kg
P3035-21	A4CB9	Solid	Indeno(1,2,3-cd)pyrene	67.000	J	37	200	ug/Kg
P3035-21	A4CB9	Solid	Phenanthrene	240.000		35	200	ug/Kg
P3035-21	A4CB9	Solid	Pyrene	260.000		58	200	ug/Kg
Total Svoc :				1,745.00				

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,319.00				
Client ID : A4CC4								
P3035-23	A4CC4	Solid	(DEL) Alkane: Straight-Chain21.2 *	160.000	J			
P3035-23	A4CC4	Solid	n-Hexadecanoic acid *	150.000	J			
P3035-23	A4CC4	Solid	Total Alkanes *	160.000		26	190	ug/Kg
Total Tics :				470.00				
Total Concentration:				470.00				
Client ID : E1GN7								
P3059-21	E1GN7	Water	Total Alkanes *	0.000		1.1	5	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1G74								
P3084-01	E1G74	Water	n-Hexadecanoic acid *	3.500	J			
P3084-01	E1G74	Water	Total Alkanes *	0.000		1.1	5.1	ug/L
Total Tics :				3.50				
Total Concentration:				3.50				
Client ID : E1G75								
P3084-02	E1G75	Water	(DEL) Alkane: Straight-Chain21.2 *	2.100	J			
P3084-02	E1G75	Water	1-Hexanol, 2-ethyl- *	2.800	J			
P3084-02	E1G75	Water	n-Hexadecanoic acid *	3.400	J			
P3084-02	E1G75	Water	Total Alkanes *	2.100		1.1	5.1	ug/L
Total Tics :				10.40				
Total Concentration:				10.40				
Client ID : E1GE2								
P3084-03	E1GE2	Water	1-Hexanol, 2-ethyl- *	9.700	J			
P3084-03	E1GE2	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	5.800	J			
P3084-03	E1GE2	Water	Hexanal *	2.200	J			
P3084-03	E1GE2	Water	Total Alkanes *	0.000		1.1	5	ug/L
Total Tics :				17.70				
P3084-03	E1GE2	Water	Benzaldehyde	1.300	J	1.1	10	ug/L
Total Svoc :				1.30				
Total Concentration:				19.00				
Client ID : E1GE3								
P3084-04	E1GE3	Water	1-Hexanol, 2-ethyl- *	10.000	J			
P3084-04	E1GE3	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	5.700	J			
P3084-04	E1GE3	Water	Hexanal *	2.600	J			
P3084-04	E1GE3	Water	Total Alkanes *	0.000		1.1	5	ug/L
Total Tics :				18.30				

Hit Summary Sheet SW-846

SDG No.: BP070824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3084-04	E1GE3	Water	Benzaldehyde	1.700	J	1.1	10	ug/L
			Total Svoc :			1.70		
			Total Concentration:			20.00		
Client ID : E1GC8								
P3084-05	E1GC8	Water	1-Hexanol, 2-ethyl-	*	11.000	J		
P3084-05	E1GC8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.900	J		
P3084-05	E1GC8	Water	Hexanal	*	2.700	J		
P3084-05	E1GC8	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			19.60		
P3084-05	E1GC8	Water	Benzaldehyde	1.800	J	1.1	10	ug/L
			Total Svoc :			1.80		
			Total Concentration:			21.40		
Client ID : E1GC7								
P3084-06	E1GC7	Water	1-Hexanol, 2-ethyl-	*	9.900	J		
P3084-06	E1GC7	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.300	J		
P3084-06	E1GC7	Water	Hexanal	*	2.600	J		
P3084-06	E1GC7	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			17.80		
P3084-06	E1GC7	Water	Benzaldehyde	1.500	J	1.1	10	ug/L
			Total Svoc :			1.50		
			Total Concentration:			19.30		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.558	0.521	0.529	0.517	0.481		0.521	5.3
Benzaldehyde		0.921	0.982	1.000	0.721	0.523	0.830	24.6
Pyridine		1.435	1.409	1.448	1.363	1.375	1.406	2.6
Hexachloroethane	0.577	0.587	0.584	0.605	0.572		0.585	2.2
Nitrobenzene	0.360	0.375	0.384	0.408	0.387		0.383	4.6
Isophorone	0.760	0.770	0.754	0.766	0.742		0.758	1.5
2-Nitrophenol	0.134	0.144	0.159	0.180	0.180		0.160	13.0
2,4-Dimethylphenol	0.360	0.370	0.370	0.387	0.370		0.372	2.7
Bis(2-Chloroethoxy)methane	0.461	0.450	0.447	0.463	0.435		0.451	2.5
2,4-Dichlorophenol	0.289	0.292	0.302	0.321	0.303		0.301	4.1
Naphthalene	1.116	1.080	1.063	1.088	1.006		1.070	3.8
4-Chloroaniline		0.420	0.411	0.426	0.415	0.382	0.411	4.1
Hexachlorobutadiene	0.228	0.222	0.224	0.232	0.220		0.225	2.1
Phenol		1.650	1.650	1.769	1.700	1.595	1.673	3.9
Caprolactam		0.088	0.090	0.090	0.101	0.089	0.092	6.0
4-Chloro-3-methylphenol	0.311	0.331	0.330	0.341	0.350		0.333	4.3
1-Methylnaphthalene	0.741	0.743	0.742	0.744	0.694		0.733	2.9
2-Methylnaphthalene	0.720	0.734	0.711	0.728	0.693		0.717	2.2
Hexachlorocyclopentadiene		0.326	0.362	0.426	0.412	0.464	0.398	13.6
2,4,6-Trichlorophenol	0.352	0.372	0.383	0.408	0.391		0.381	5.5
2,4,5-Trichlorophenol	0.352	0.386	0.395	0.425	0.419		0.396	7.3
1,1-Biphenyl	1.529	1.543	1.498	1.549	1.360		1.496	5.3
2-Chloronaphthalene	1.187	1.203	1.181	1.220	1.100		1.178	3.9
2-Nitroaniline	0.241	0.270	0.301	0.329	0.342		0.297	14.0
Bis(2-Chloroethyl)ether		1.417	1.389	1.443	1.364	1.312	1.385	3.6
Dimethylphthalate	1.435	1.452	1.415	1.390	1.390		1.417	1.9
2,6-Dinitrotoluene	0.200	0.238	0.257	0.273	0.295		0.253	14.2
Acenaphthylene	1.893	1.947	1.901	1.896	1.734		1.874	4.3
3-Nitroaniline		0.219	0.237	0.248	0.245	0.225	0.235	5.4
Acenaphthene	1.285	1.293	1.239	1.248	1.151		1.243	4.5
2,4-Dinitrophenol		0.100	0.110	0.121	0.157	0.167	0.131	22.6
4-Nitrophenol		0.171	0.181	0.185	0.209	0.204	0.190	8.4
Dibenzofuran	1.737	1.744	1.670	1.664	1.561		1.675	4.4
2,4-Dinitrotoluene	0.278	0.338	0.359	0.364	0.404		0.349	13.2
Diethylphthalate	1.387	1.438	1.413	1.351	1.397		1.397	2.3
2-Chlorophenol	1.313	1.350	1.333	1.407	1.335		1.348	2.7

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.420	1.433	1.341	1.313	1.224		1.346	6.3
4-Chlorophenyl-phenylether	0.731	0.740	0.701	0.688	0.652		0.702	5.0
4-Nitroaniline		0.214	0.228	0.237	0.229	0.206	0.223	5.6
4,6-Dinitro-2-methylphenol		0.086	0.096	0.111	0.119	0.128	0.108	15.7
N-Nitrosodiphenylamine	0.602	0.587	0.597	0.621	0.543		0.590	4.9
1,2,4,5-Tetrachlorobenzene	0.636	0.637	0.637	0.679	0.608		0.639	4.0
4-Bromophenyl-phenylether	0.220	0.219	0.220	0.235	0.221		0.223	2.9
Hexachlorobenzene	0.248	0.247	0.248	0.260	0.245		0.250	2.3
Atrazine		0.203	0.202	0.214	0.210	0.211	0.208	2.6
Pentachlorophenol		0.123	0.133	0.148	0.152	0.162	0.144	10.7
2-Methylphenol		1.283	1.271	1.355	1.300	1.209	1.283	4.1
Phenanthrene	1.094	1.087	1.053	1.053	0.951		1.047	5.5
Pentachlorobenzene	0.310	0.299	0.309	0.339	0.291		0.309	5.8
Anthracene	1.127	1.113	1.066	1.096	0.985		1.077	5.3
1,2,3,4-Tetrachlorobenzene	0.319	0.309	0.328	0.369	0.299		0.325	8.2
Carbazole		0.932	0.906	0.898	0.842	0.868	0.889	3.9
Di-n-butylphthalate	1.153	1.166	1.151	1.170	1.133		1.155	1.2
Fluoranthene	1.420	1.422	1.376	1.443	1.676		1.468	8.1
Pyrene	1.484	1.466	1.434	1.491	1.651		1.505	5.6
Butylbenzylphthalate	0.487	0.519	0.539	0.596	0.654		0.559	11.8
3,3-Dichlorobenzidine		0.440	0.444	0.474	0.420	0.432	0.442	4.5
2,2-oxybis(1-Chloropropane)		2.198	2.142	2.218	2.051	1.914	2.105	5.9
Benzo(a)anthracene	1.485	1.428	1.361	1.384	1.352		1.402	3.9
Chrysene	1.436	1.337	1.295	1.312	1.245		1.325	5.3
Bis(2-ethylhexyl)phthalate	0.854	0.826	0.857	0.892	0.910		0.868	3.8
Di-n-octyl phthalate		1.234	1.270	1.301	1.409	1.206	1.284	6.1
Benzo(b)fluoranthene	1.248	1.242	1.194	1.197	1.178		1.212	2.6
Benzo(k)fluoranthene	1.317	1.227	1.171	1.214	1.200		1.226	4.5
Benzo(a)pyrene	1.173	1.140	1.126	1.162	1.118		1.144	2.1
Indeno(1,2,3-cd)pyrene	1.496	1.456	1.406	1.521	1.456		1.467	3.0
Dibenzo(a,h)anthracene	1.210	1.194	1.174	1.264	1.186		1.206	2.9
Benzo(g,h,i)perylene	1.229	1.187	1.147	1.233	1.193		1.198	2.9
Acetophenone		2.238	2.174	2.246	2.091	1.889	2.128	6.9
2,3,4,6-Tetrachlorophenol	0.298	0.330	0.324	0.333	0.349		0.327	5.7
1,4-Dioxane-d8	0.487	0.471	0.467	0.466	0.438		0.466	3.8
Pyridine-d5		1.378	1.337	1.413	1.324	1.334	1.357	2.8

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524
Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D	
		RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.593	1.615	1.725	1.674	1.595	1.640	3.5
Bis-(2-Chloroethyl)ether-d8		1.057	1.057	1.088	1.024	0.974	1.040	4.2
2-Chlorophenol-d4	1.283	1.323	1.337	1.409	1.352		1.341	3.4
4-Methylphenol-d8		1.325	1.324	1.406	1.365	1.241	1.332	4.6
Nitrobenzene-d5	0.128	0.140	0.151	0.162	0.158		0.148	9.3
2-Nitrophenol-d4	0.123	0.132	0.148	0.166	0.170		0.148	13.8
2,4-Dichlorophenol-d3	0.286	0.287	0.307	0.326	0.315		0.304	5.7
4-Chloroaniline-d4		0.425	0.429	0.442	0.434	0.404	0.427	3.4
4-Methylphenol		1.359	1.357	1.428	1.383	1.266	1.359	4.4
Dimethylphthalate-d6	1.351	1.423	1.416	1.394	1.368		1.391	2.2
Acenaphthylene-d8	1.636	1.691	1.668	1.711	1.591		1.659	2.9
4-Nitrophenol-d4		0.180	0.206	0.208	0.235	0.233	0.212	10.7
Fluorene-d10	1.168	1.216	1.186	1.162	1.118		1.170	3.0
4,6-Dinitro-2-methylphenol-		0.079	0.089	0.102	0.112	0.122	0.101	17.2
Anthracene-d10	0.902	0.912	0.908	0.917	0.848		0.898	3.1
Pyrene-d10	1.111	1.173	1.146	1.205	1.373		1.202	8.5
Benzo(a)pyrene-d12	0.963	0.964	0.968	1.005	0.965		0.973	1.8
N-Nitroso-di-n-propylamine	1.127	1.162	1.123	1.161	1.082		1.131	2.9

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020639 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 13:42

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	164085	7.752	684225	10.52	426295	14.37
	UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
	LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
	EPA SAMPLE NO.						
01	SBLK756	167149	7.73	690319	10.50	468863	14.37
02	E1G74	150313	7.73	636982	10.51	432971	14.36
03	E1G75	144691	7.73	598602	10.50	406467	14.36
04	E1GE2	154077	7.73	620358	10.50	407321	14.37
05	E1GE3	166969	7.73	690564	10.50	458286	14.36
06	E1GC8	146995	7.73	614230	10.50	415420	14.36
07	SLCS756	159366	7.72	671849	10.49	449828	14.36
08	A4CC4	163282	7.73	684892	10.50	471111	14.36
09	A4CS9	253260	7.73	1.05022e	10.49	698717	14.36
10	SBLK754	36051 *	7.73	347262	10.50	416679	14.36
11	A4CB9	123683	7.73	512961	10.49	344810	14.36
12	A4CB8	171058	7.73	727678	10.50	489335	14.36
13	A4CX8	177130	7.73	745675	10.49	497606	14.35
14	A4CX7	358402 *	7.73	1.49183e *	10.49	993498 *	14.36
15	A4CX4	378601 *	7.73	1.56749e *	10.50	1.04722e *	14.36
16	A4CX1	196008	7.72	807030	10.50	526308	14.36
17	A4CW9	225833	7.72	937204	10.49	631616	14.36
18	A4B96	202946	7.73	844862	10.50	558832	14.36
19	A4CX0	147444	7.72	619431	10.49	425810	14.36
20	A4CY1	208795	7.73	866682	10.49	582349	14.36
21	E1GN7	198130	7.73	815961	10.50	535768	14.36
22	E1GC7	236344	7.73	995305	10.49	669709	14.36
23	SLCS754	164185	7.73	700887	10.50	466068	14.36



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG NO.: BP070824
EPA Sample No.: SSTD020639 Date Analyzed: Jul 9 2024 12:00AM
Lab File ID: BP020639.D Time Analyzed: 08:59
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	164085	7.752	684225	10.52	426295	14.37
UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
EPA SAMPLE NO.						
24 SBLK773	191392	7.72	791763	10.49	532729	14.35

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020676 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020830.D Time Analyzed: 13:42

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	175191	7.722	715193	10.49	488641	14.36
UPPER LIMIT	350382	8.222	1430386	10.993	977282	14.857
LOWER LIMIT	87595.5	7.222	357596.5	9.993	244320.5	13.857
EPA SAMPLE NO.						
01 SBLK756	167149	7.73	690319	10.50	468863	14.37
02 E1G74	150313	7.73	636982	10.51	432971	14.36
03 E1G75	144691	7.73	598602	10.50	406467	14.36
04 E1GE2	154077	7.73	620358	10.50	407321	14.37
05 E1GE3	166969	7.73	690564	10.50	458286	14.36
06 E1GC8	146995	7.73	614230	10.50	415420	14.36
07 SLCS756	159366	7.72	671849	10.49	449828	14.36
08 A4CC4	163282	7.73	684892	10.50	471111	14.36
09 A4CS9	253260	7.73	1.05022e	10.49	698717	14.36

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020677 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020840.D Time Analyzed: 21:35

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	169126	7.722	713176	10.50	491108	14.36
UPPER LIMIT	338252	8.222	1426352	10.998	982216	14.857
LOWER LIMIT	84563	7.222	356588	9.998	245554	13.857
EPA SAMPLE NO.						
01 SBLK754	36051 *	7.73	347262 *	10.50	416679	14.36
02 A4CB9	123683	7.73	512961	10.49	344810	14.36
03 A4CB8	171058	7.73	727678	10.50	489335	14.36
04 A4CX8	177130	7.73	745675	10.49	497606	14.35
05 A4CX7	358402 *	7.73	1.49183e *	10.49	993498 *	14.36
06 A4CX4	378601 *	7.73	1.56749e *	10.50	1.04722e *	14.36
07 A4CX1	196008	7.72	807030	10.50	526308	14.36
08 A4CW9	225833	7.72	937204	10.49	631616	14.36
09 A4B96	202946	7.73	844862	10.50	558832	14.36
10 A4CX0	147444	7.72	619431	10.49	425810	14.36
11 A4CY1	208795	7.73	866682	10.49	582349	14.36
12 E1GN7	198130	7.73	815961	10.50	535768	14.36
13 E1GC7	236344	7.73	995305	10.49	669709	14.36
14 SLCS754	164185	7.73	700887	10.50	466068	14.36

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020678 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BP020855.D Time Analyzed: 08:59

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	194995	7.728	841715	10.50	569061	14.36
UPPER LIMIT	389990	8.228	1683430	11.004	1138122	14.863
LOWER LIMIT	97497.5	7.228	420857.5	10.004	284530.5	13.863
EPA SAMPLE NO.						
01 SBLK773	191392	7.72	791763	10.49	532729	14.35

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020639 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 13:42

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	811162	17.186	668166	21.639	756069	24.998
	UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
	LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
	EPA SAMPLE NO.						
01	SBLK756	1.01689	17.18	1.05495e+	21.63	1.22095e+	24.99
02	E1G74	938508	17.18	910044	21.62	1.05192e+	24.98
03	E1G75	902253	17.18	873238	21.63	1.00567e+	24.97
04	E1GE2	895105	17.18	917577	21.62	1.06421e+	24.96
05	E1GE3	1.0172e	17.19	1.00534e+	21.63	1.15415e+	24.97
06	E1GC8	921183	17.18	919897	21.63	1.04492e+	24.97
07	SLCS756	975116	17.18	954076	21.63	1.12192e+	24.99
08	A4CC4	1.04354	17.18	1.06731e+	21.63	1.20175e+	24.97
09	A4CS9	1.46731	17.17	1.30677e+	21.62	1.53395e+ *	24.97
10	SBLK754	1.01041	17.17	989278	21.62	1.11393e+	24.97
11	A4CB9	728498	17.18	693096	21.63	793320	24.97
12	A4CB8	1.07393	17.17	1.03149e+	21.62	1.18774e+	24.97
13	A4CX8	1.06404	17.17	1.05076e+	21.62	1.21737e+	24.96
14	A4CX7	2.08096*	17.17	1.93942e+ *	21.62	2.25842e+ *	24.96
15	A4CX4	2.28162*	17.17	2.14394e+ *	21.62	2.42919e+ *	24.97
16	A4CX1	1.12327	17.17	1.044e+00	21.62	1.20763e+	24.96
17	A4CW9	1.32932	17.17	1.21097e+	21.62	1.41718e+	24.96
18	A4B96	1.20932	17.17	1.13017e+	21.62	1.29371e+	24.96
19	A4CX0	915884	17.16	871199	21.62	1.00372e+	24.97
20	A4CY1	1.2248e	17.17	1.11347e+	21.62	1.28716e+	24.97
21	E1GN7	1.15136	17.17	1.08813e+	21.62	1.2797e+0	24.97

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020639 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 06:09

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	811162	17.186	668166	21.639	756069	24.998
UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
EPA SAMPLE NO.						
22 E1GC7	1.46586	17.18	1.38916e+ *	21.62	1.58345e+ *	24.97
23 SLCS754	1.00349	17.18	922736	21.63	1.07038e+	24.97
24 SBLK773	1.18509	17.17	1.15102e+	21.62	1.26504e+	24.97

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020676 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020830.D Time Analyzed: 13:42

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.06575e+01	17.175	1.05131e+	21.633	1.25306e+01	24.992
UPPER LIMIT	2131500	17.675	2102620	22.133	2506120	25.492
LOWER LIMIT	532875	16.675	525655	21.133	626530	24.492
EPA SAMPLE NO.						
01 SBLK756	1.01689	17.18	1.05495e+	21.63	1.22095e+	24.99
02 E1G74	938508	17.18	910044	21.62	1.05192e+	24.98
03 E1G75	902253	17.18	873238	21.63	1.00567e+	24.97
04 E1GE2	895105	17.18	917577	21.62	1.06421e+	24.96
05 E1GE3	1.0172e	17.19	1.00534e+	21.63	1.15415e+	24.97
06 E1GC8	921183	17.18	919897	21.63	1.04492e+	24.97
07 SLCS756	975116	17.18	954076	21.63	1.12192e+	24.99
08 A4CC4	1.04354	17.18	1.06731e+	21.63	1.20175e+	24.97
09 A4CS9	1.46731	17.17	1.30677e+	21.62	1.53395e+	24.97

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020677 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BP020840.D Time Analyzed: 21:35

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	1.05833e+01	17.175	1.04343e+	21.621	1.20651e+01	24.974
UPPER LIMIT	2116660	17.675	2086860	22.121	2413020	25.474
LOWER LIMIT	529165	16.675	521715	21.121	603255	24.474
EPA SAMPLE NO.						
01 SBLK754	1.01041	17.17	989278	21.62	1.11393e+	24.97
02 A4CB9	728498	17.18	693096	21.63	793320	24.97
03 A4CB8	1.07393	17.17	1.03149e+	21.62	1.18774e+	24.97
04 A4CX8	1.06404	17.17	1.05076e+	21.62	1.21737e+	24.96
05 A4CX7	2.08096	17.17	1.93942e+	21.62	2.25842e+	24.96
06 A4CX4	2.28162*	17.17	2.14394e+ *	21.62	2.42919e+ *	24.97
07 A4CX1	1.12327	17.17	1.044e+00	21.62	1.20763e+	24.96
08 A4CW9	1.32932	17.17	1.21097e+	21.62	1.41718e+	24.96
09 A4B96	1.20932	17.17	1.13017e+	21.62	1.29371e+	24.96
10 A4CX0	915884	17.16	871199	21.62	1.00372e+	24.97
11 A4CY1	1.2248e	17.17	1.11347e+	21.62	1.28716e+	24.97
12 E1GN7	1.15136	17.17	1.08813e+	21.62	1.2797e+0	24.97
13 E1GC7	1.46586	17.18	1.38916e+	21.62	1.58345e+	24.97
14 SLCS754	1.00349	17.18	922736	21.63	1.07038e+	24.97

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.: BP070824 SAS No.: BP070824 SDG NO.: BP070824

EPA Sample No.: SSTD020678 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BP020855.D Time Analyzed: 08:59

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	1.22934e+01	17.175	1.1511e+0	21.633	1.31794e+01	24.963
UPPER LIMIT	2458680	17.675	2302200	22.133	2635880	25.463
LOWER LIMIT	614670	16.675	575550	21.133	658970	24.463
EPA SAMPLE NO.						
01 SBLK773	1.18509	17.17	1.15102e+	21.62	1.26504e+	24.97

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.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161754BS	1,4-Dioxane	530	440	ug/Kg	83				0	0		
	Benzaldehyde	1300	1500	ug/Kg	115				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1300	ug/Kg	100				0	0		
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0		
	2-Chlorophenol	1300	1300	ug/Kg	100				0	0		
	2-Methylphenol	1300	1300	ug/Kg	100				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1300	ug/Kg	100				0	0		
	4-Methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitroso-di-n-propylamine	1300	1200	ug/Kg	92				0	0		
	Hexachloroethane	1300	1300	ug/Kg	100				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1200	ug/Kg	92				0	0		
	2-Nitrophenol	1300	1500	ug/Kg	115				0	0		
	2,4-Dimethylphenol	1300	960	ug/Kg	74				0	0		
	Bis(2-chloroethoxy)methane	1300	1200	ug/Kg	92				0	0		
	2,4-Dichlorophenol	1300	1400	ug/Kg	108				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1200	ug/Kg	92				0	0		
	Hexachlorobutadiene	1300	1300	ug/Kg	100				0	0		
	Caprolactam	1300	1500	ug/Kg	115				0	0		
	4-Chloro-3-methylphenol	1300	1400	ug/Kg	108				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	730	ug/Kg	56				0	0		
	2,4,6-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1500	ug/Kg	115				0	0		
	Dimethylphthalate	1300	1300	ug/Kg	100				0	0		
	2,6-Dinitrotoluene	1300	1600	ug/Kg	123				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1700	ug/Kg	131				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1600	ug/Kg	123				0	0		
	4-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1700	ug/Kg	131				0	0		
	Diethylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluorene	1300	1300	ug/Kg	100				0	0		
	4-Chlorophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	4-Nitroaniline	1300	1900	ug/Kg	146				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161754BS	4,6-Dinitro-2-methylphenol	1300	1500	ug/Kg	115				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Atrazine	1300	660	ug/Kg	51				0	0		
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1200	ug/Kg	92				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Carbazole	1300	1400	ug/Kg	108				0	0		
	Di-n-butylphthalate	1300	1400	ug/Kg	108				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1200	ug/Kg	92				0	0		
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0		
	Chrysene	1300	1300	ug/Kg	100				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(a)pyrene	1300	1200	ug/Kg	92				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1200	ug/Kg	92				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161756BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	31	ug/L	78				0	0		
	Pyridine	40	28	ug/L	70				0	0		
	Phenol	40	32	ug/L	80				0	0		
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0		
	2-Chlorophenol	40	33	ug/L	83				0	0		
	2-Methylphenol	40	31	ug/L	78				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	31	ug/L	78				0	0		
	4-Methylphenol	40	33	ug/L	83				0	0		
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0		
	Hexachloroethane	40	31	ug/L	78				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	30	ug/L	75				0	0		
	2-Nitrophenol	40	38	ug/L	95				0	0		
	2,4-Dimethylphenol	40	26	ug/L	65				0	0		
	Bis(2-chloroethoxy)methane	40	30	ug/L	75				0	0		
	2,4-Dichlorophenol	40	34	ug/L	85				0	0		
	Naphthalene	40	30	ug/L	75				0	0		
	4-Chloroaniline	40	27	ug/L	68				0	0		
	Hexachlorobutadiene	40	32	ug/L	80				0	0		
	Caprolactam	40	38	ug/L	95				0	0		
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0		
	1-Methylnaphthalene	40	31	ug/L	78				0	0		
	2-Methylnaphthalene	40	32	ug/L	80				0	0		
	Hexachlorocyclopentadiene	40	21	ug/L	52				0	0		
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0		
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0		
	1,1'-Biphenyl	40	30	ug/L	75				0	0		
	2-Chloronaphthalene	40	31	ug/L	78				0	0		
	2-Nitroaniline	40	38	ug/L	95				0	0		
	Dimethylphthalate	40	33	ug/L	83				0	0		
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	40	ug/L	100				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	42	ug/L	105				0	0		
	4-Nitrophenol	40	35	ug/L	88				0	0		
	Dibenzofuran	40	32	ug/L	80				0	0		
	2,4-Dinitrotoluene	40	42	ug/L	105				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	32	ug/L	80				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	47	ug/L	117				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161756BS	4,6-Dinitro-2-methylphenol	40	39	ug/L	98					0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75					0	0	
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78					0	0	
	4-Bromophenyl-phenylether	40	31	ug/L	78					0	0	
	Hexachlorobenzene	40	32	ug/L	80					0	0	
	Atrazine	40	8.7	ug/L	22					0	0	
	Pentachlorophenol	40	29	ug/L	73					0	0	
	Phenanthrene	40	32	ug/L	80					0	0	
	Pentachlorobenzene	40	30	ug/L	75					0	0	
	Anthracene	40	30	ug/L	75					0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73					0	0	
	Carbazole	40	34	ug/L	85					0	0	
	Di-n-butylphthalate	40	34	ug/L	85					0	0	
	Fluoranthene	40	29	ug/L	73					0	0	
	Pyrene	40	29	ug/L	73					0	0	
	Butylbenzylphthalate	40	34	ug/L	85					0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83					0	0	
	Benzo(a)anthracene	40	31	ug/L	78					0	0	
	Chrysene	40	32	ug/L	80					0	0	
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78					0	0	
	Di-n-octylphthalate	40	32	ug/L	80					0	0	
	Benzo(b)fluoranthene	40	33	ug/L	83					0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78					0	0	
	Benzo(a)pyrene	40	30	ug/L	75					0	0	
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80					0	0	
	Dibenzo(a,h)anthracene	40	32	ug/L	80					0	0	
	Benzo(g,h,i)perylene	40	31	ug/L	78					0	0	
	2,3,4,6-Tetrachlorophenol	40	33	ug/L	83					0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CS9

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070824

SAS No.: BP070824 SDG NO.: BP070824

Lab File ID: BP020839.D

Lab Sample ID: P2963-18

Instrument ID: BNA_P

Date Extracted: 06/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/08/2024

Level: (low/med) LOW

Time Analyzed: 19:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CS9	P2963-18	BP020839.D	07/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK754

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070824

SAS No.: BP070824 SDG NO.: BP070824

Lab File ID: BP020841.D

Lab Sample ID: PB161754BL

Instrument ID: BNA_P

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/08/2024

Level: (low/med) LOW

Time Analyzed: 21:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CB9	P3035-21	BP020842.D	07/08/2024
A4CB8	P3035-20	BP020843.D	07/08/2024
A4CX8	P3035-10	BP020844.D	07/08/2024
A4CX7	P3035-09	BP020845.D	07/09/2024
A4CX4	P3035-08	BP020846.D	07/09/2024
A4CX1	P3035-06	BP020847.D	07/09/2024
A4CW9	P3035-14	BP020848.D	07/09/2024
A4B96	P3035-18	BP020849.D	07/09/2024
A4CX0	P3035-15	BP020850.D	07/09/2024
A4CY1	P3035-11	BP020851.D	07/09/2024
PB161754BS	PB161754BS	BP020854.D	07/09/2024
A4CC4	P3035-23	BP020838.D	07/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK756

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070824

SAS No.: BP070824 SDG NO.: BP070824

Lab File ID: BP020831.D

Lab Sample ID: PB161756BL

Instrument ID: BNA_P

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/08/2024

Level: (low/med) LOW

Time Analyzed: 13:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G74	P3084-01	BP020832.D	07/08/2024
E1G75	P3084-02	BP020833.D	07/08/2024
E1GE2	P3084-03	BP020834.D	07/08/2024
E1GE3	P3084-04	BP020835.D	07/08/2024
E1GC8	P3084-05	BP020836.D	07/08/2024
PB161756BS	PB161756BS	BP020837.D	07/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK773

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070824

SAS No.: BP070824 SDG NO.: BP070824

Lab File ID: BP020856.D

Lab Sample ID: PB161773BL

Instrument ID: BNA_P

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/09/2024

Level: (low/med) LOW

Time Analyzed: 08:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GN7	P3059-21	BP020852.D	07/09/2024
E1GC7	P3084-06	BP020853.D	07/09/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-18	A4CS9	BP020839.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	0.61	2	*	20	120
			Phenol-d5	40	21.29	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.86	50		10	150
			2-Chlorophenol-d4	40	21.75	54		15	120
			4-Methylphenol-d8	40	22.05	55		10	140
			Nitrobenzene-d5	40	22.90	57		10	135
			2-Nitrophenol-d4	40	26.60	66		10	120
			2,4-Dichlorophenol-d3	40	22.97	57		10	140
			4-Chloroaniline-d4	40	3.06	8		1	145
			Dimethylphthalate-d6	40	23.45	59		10	145
			Acenaphthylene-d8	40	22.16	55		15	120
			4-Nitrophenol-d4	40	22.09	55		10	150
			Fluorene-d10	40	23.95	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.58	56		10	130
			Anthracene-d10	40	22.30	56		10	150
			Pyrene-d10	40	19.09	48		10	130
			Benzo(a)pyrene-d12	40	14.58	36		10	140

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-06	A4CX1	BP020847.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	1.15	3	*	20	120
			Phenol-d5	40	21.30	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.97	50		10	150
			2-Chlorophenol-d4	40	21.68	54		15	120
			4-Methylphenol-d8	40	20.53	51		10	140
			Nitrobenzene-d5	40	23.10	58		10	135
			2-Nitrophenol-d4	40	26.62	67		10	120
			2,4-Dichlorophenol-d3	40	23.44	59		10	140
			4-Chloroaniline-d4	40	12.33	31		1	145
			Dimethylphthalate-d6	40	24.24	61		10	145
			Acenaphthylene-d8	40	23.09	58		15	120
			4-Nitrophenol-d4	40	23.29	58		10	150
			Fluorene-d10	40	25.29	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.73	52		10	130
			Anthracene-d10	40	24.02	60		10	150
			Pyrene-d10	40	21.26	53		10	130
			Benzo(a)pyrene-d12	40	17.81	45		10	140
P3035-08	A4CX4	BP020846.D	1,4-Dioxane-d8	8	1.54	19		15	120
			Pyridine-d5	40	7.06	18	*	20	120
			Phenol-d5	40	10.23	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.49	24		10	150
			2-Chlorophenol-d4	40	10.17	25		15	120
			4-Methylphenol-d8	40	10.48	26		10	140
			Nitrobenzene-d5	40	11.29	28		10	135
			2-Nitrophenol-d4	40	12.89	32		10	120
			2,4-Dichlorophenol-d3	40	11.14	28		10	140
			4-Chloroaniline-d4	40	10.23	26		1	145
			Dimethylphthalate-d6	40	12.73	32		10	145
			Acenaphthylene-d8	40	11.47	29		15	120
			4-Nitrophenol-d4	40	11.71	29		10	150
			Fluorene-d10	40	12.88	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.01	28		10	130
			Anthracene-d10	40	12.07	30		10	150
			Pyrene-d10	40	11.64	29		10	130
			Benzo(a)pyrene-d12	40	12.64	32		10	140
P3035-09	A4CX7	BP020845.D	1,4-Dioxane-d8	8	2.02	25		15	120
			Pyridine-d5	40	0.78	2	*	20	120
			Phenol-d5	40	13.18	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.64	32		10	150
			2-Chlorophenol-d4	40	13.73	34		15	120
			4-Methylphenol-d8	40	12.82	32		10	140
			Nitrobenzene-d5	40	14.25	36		10	135
			2-Nitrophenol-d4	40	16.42	41		10	120
			2,4-Dichlorophenol-d3	40	13.80	34		10	140
			4-Chloroaniline-d4	40	8.95	22		1	145
			Dimethylphthalate-d6	40	14.98	37		10	145
			Acenaphthylene-d8	40	14.00	35		15	120
			4-Nitrophenol-d4	40	13.42	34		10	150

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-09	A4CX7	BP020845.D	Fluorene-d10	40	15.14	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.96	35		10	130
			Anthracene-d10	40	14.61	37		10	150
			Pyrene-d10	40	12.92	32		10	130
			Benzo(a)pyrene-d12	40	10.67	27		10	140
P3035-10	A4CX8	BP020844.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Pyridine-d5	40	11.00	28		20	120
			Phenol-d5	40	15.71	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.12	38		10	150
			2-Chlorophenol-d4	40	15.88	40		15	120
			4-Methylphenol-d8	40	16.82	42		10	140
			Nitrobenzene-d5	40	17.53	44		10	135
			2-Nitrophenol-d4	40	19.76	49		10	120
			2,4-Dichlorophenol-d3	40	17.05	43		10	140
			4-Chloroaniline-d4	40	17.40	43		1	145
			Dimethylphthalate-d6	40	20.86	52		10	145
			Acenaphthylene-d8	40	18.71	47		15	120
			4-Nitrophenol-d4	40	17.26	43		10	150
			Fluorene-d10	40	20.48	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.71	42		10	130
			Anthracene-d10	40	20.11	50		10	150
			Pyrene-d10	40	18.81	47		10	130
			Benzo(a)pyrene-d12	40	20.82	52		10	140
			1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	2.30	6	*	20	120
P3035-11	A4CY1	BP020851.D	Phenol-d5	40	24.02	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.38	56		10	150
			2-Chlorophenol-d4	40	24.61	62		15	120
			4-Methylphenol-d8	40	24.51	61		10	140
			Nitrobenzene-d5	40	26.25	66		10	135
			2-Nitrophenol-d4	40	30.86	77		10	120
			2,4-Dichlorophenol-d3	40	27.13	68		10	140
			4-Chloroaniline-d4	40	13.12	33		1	145
			Dimethylphthalate-d6	40	27.34	68		10	145
			Acenaphthylene-d8	40	26.18	65		15	120
			4-Nitrophenol-d4	40	25.38	63		10	150
			Fluorene-d10	40	27.94	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.43	59		10	130
			Anthracene-d10	40	27.34	68		10	150
			Pyrene-d10	40	23.03	58		10	130
			Benzo(a)pyrene-d12	40	18.75	47		10	140
			1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	1.36	3	*	20	120
			Phenol-d5	40	21.37	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.44	51		10	150
P3035-14	A4CW9	BP020848.D	2-Chlorophenol-d4	40	21.82	55		15	120
			4-Methylphenol-d8	40	21.70	54		10	140
			Nitrobenzene-d5	40	23.43	59		10	135
			2-Nitrophenol-d4	40	26.98	67		10	120

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-14	A4CW9	BP020848.D	2,4-Dichlorophenol-d3	40	23.01	58		10	140
			4-Chloroaniline-d4	40	15.86	40		1	145
			Dimethylphthalate-d6	40	23.85	60		10	145
			Acenaphthylene-d8	40	22.17	55		15	120
			4-Nitrophenol-d4	40	21.84	55		10	150
			Fluorene-d10	40	24.15	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.40	51		10	130
			Anthracene-d10	40	23.36	58		10	150
			Pyrene-d10	40	20.10	50		10	130
			Benzo(a)pyrene-d12	40	16.14	40		10	140
P3035-15	A4CX0	BP020850.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Pyridine-d5	40	2.51	6	*	20	120
			Phenol-d5	40	38.57	96		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.21	96		10	150
			2-Chlorophenol-d4	40	40.80	102		15	120
			4-Methylphenol-d8	40	39.27	98		10	140
			Nitrobenzene-d5	40	44.22	111		10	135
			2-Nitrophenol-d4	40	51.22	128	*	10	120
			2,4-Dichlorophenol-d3	40	42.75	107		10	140
			4-Chloroaniline-d4	40	22.83	57		1	145
			Dimethylphthalate-d6	40	43.07	108		10	145
			Acenaphthylene-d8	40	41.14	103		15	120
			4-Nitrophenol-d4	40	37.63	94		10	150
			Fluorene-d10	40	44.35	111		20	140
			4,6-Dinitro-2-methylphenol-d2	40	39.10	98		10	130
			Anthracene-d10	40	42.24	106		10	150
			Pyrene-d10	40	35.40	88		10	130
			Benzo(a)pyrene-d12	40	29.44	74		10	140
P3035-18	A4B96	BP020849.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	16.97	42		20	120
			Phenol-d5	40	23.82	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.16	55		10	150
			2-Chlorophenol-d4	40	23.94	60		15	120
			4-Methylphenol-d8	40	24.79	62		10	140
			Nitrobenzene-d5	40	25.65	64		10	135
			2-Nitrophenol-d4	40	30.08	75		10	120
			2,4-Dichlorophenol-d3	40	25.76	64		10	140
			4-Chloroaniline-d4	40	23.45	59		1	145
			Dimethylphthalate-d6	40	28.57	71		10	145
			Acenaphthylene-d8	40	26.02	65		15	120
			4-Nitrophenol-d4	40	26.59	66		10	150
			Fluorene-d10	40	28.45	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.35	58		10	130
			Anthracene-d10	40	27.08	68		10	150
			Pyrene-d10	40	25.78	64		10	130
			Benzo(a)pyrene-d12	40	28.04	70		10	140
P3035-20	A4CB8	BP020843.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.69	52		10	130

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-20	A4CB8	BP020843.D	Bis(2-Chloroethyl)ether-d8	40	20.06	50		10	150
			2-Chlorophenol-d4	40	21.59	54		15	120
			4-Methylphenol-d8	40	20.18	50		10	140
			Nitrobenzene-d5	40	22.53	56		10	135
			2-Nitrophenol-d4	40	25.57	64		10	120
			2,4-Dichlorophenol-d3	40	21.77	54		10	140
			4-Chloroaniline-d4	40	14.50	36		1	145
			Dimethylphthalate-d6	40	22.28	56		10	145
			Acenaphthylene-d8	40	21.13	53		15	120
			4-Nitrophenol-d4	40	17.81	45		10	150
			Fluorene-d10	40	23.34	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.17	48		10	130
			Anthracene-d10	40	22.09	55		10	150
			Pyrene-d10	40	18.75	47		10	130
			Benzo(a)pyrene-d12	40	15.36	38		10	140
P3035-21	A4CB9	BP020842.D	1,4-Dioxane-d8	8	6.84	86		15	120
			Pyridine-d5	40	2.49	6	*	20	120
			Phenol-d5	40	39.06	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.05	95		10	150
			2-Chlorophenol-d4	40	40.54	101		15	120
			4-Methylphenol-d8	40	37.66	94		10	140
			Nitrobenzene-d5	40	42.43	106		10	135
			2-Nitrophenol-d4	40	48.76	122	*	10	120
			2,4-Dichlorophenol-d3	40	41.13	103		10	140
			4-Chloroaniline-d4	40	32.62	82		1	145
			Dimethylphthalate-d6	40	42.40	106		10	145
			Acenaphthylene-d8	40	39.76	99		15	120
			4-Nitrophenol-d4	40	37.34	93		10	150
			Fluorene-d10	40	42.94	107		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.57	94		10	130
			Anthracene-d10	40	40.82	102		10	150
			Pyrene-d10	40	34.44	86		10	130
P3035-23	A4CC4	BP020838.D	Benzo(a)pyrene-d12	40	28.84	72		10	140
			Pyridine-d5	40	11.48	29		20	120
			1,4-Dioxane-d8	8	3.03	38		15	120
			Phenol-d5	40	18.13	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.62	44		10	150
			2-Chlorophenol-d4	40	18.74	47		15	120
			4-Methylphenol-d8	40	19.55	49		10	140
			Nitrobenzene-d5	40	20.24	51		10	135
			2-Nitrophenol-d4	40	22.86	57		10	120
			2,4-Dichlorophenol-d3	40	19.54	49		10	140
			4-Chloroaniline-d4	40	19.32	48		1	145
			Dimethylphthalate-d6	40	23.54	59		10	145
			Acenaphthylene-d8	40	20.68	52		15	120
			4-Nitrophenol-d4	40	20.63	52		10	150
			Fluorene-d10	40	23.16	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.21	51		10	130
			Anthracene-d10	40	22.08	55		10	150

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-23	A4CC4	BP020838.D	Pyrene-d10	40	20.51	51		10	130
			Benzo(a)pyrene-d12	40	23.31	58		10	140
PB161754BL	PB161754BL	BP020841.D	1,4-Dioxane-d8	8	24.99	312	*	15	120
			Pyridine-d5	40	120.66	302	*	20	120
			Phenol-d5	40	126.84	317	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	121.87	305	*	10	150
			2-Chlorophenol-d4	40	127.43	319	*	15	120
			4-Methylphenol-d8	40	126.97	317	*	10	140
			Nitrobenzene-d5	40	59.60	149	*	10	135
			2-Nitrophenol-d4	40	68.18	170	*	10	120
			2,4-Dichlorophenol-d3	40	55.46	139		10	140
			4-Chloroaniline-d4	40	57.73	144		1	145
			Dimethylphthalate-d6	40	34.89	87		10	145
			Acenaphthylene-d8	40	31.20	78		15	120
			4-Nitrophenol-d4	40	31.88	80		10	150
			Fluorene-d10	40	34.04	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.17	70		10	130
			Anthracene-d10	40	29.55	74		10	150
			Pyrene-d10	40	27.49	69		10	130
			Benzo(a)pyrene-d12	40	29.95	75		10	140
PB161754BS	PB161754BS	BP020854.D	1,4-Dioxane-d8	8	7.38	92		15	120
			Pyridine-d5	40	34.55	86		20	120
			Phenol-d5	40	40.40	101		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.44	94		10	150
			2-Chlorophenol-d4	40	40.49	101		15	120
			4-Methylphenol-d8	40	40.20	101		10	140
			Nitrobenzene-d5	40	41.81	105		10	135
			2-Nitrophenol-d4	40	48.60	121	*	10	120
			2,4-Dichlorophenol-d3	40	42.36	106		10	140
			4-Chloroaniline-d4	40	37.68	94		1	145
			Dimethylphthalate-d6	40	41.54	104		10	145
			Acenaphthylene-d8	40	38.90	97		15	120
			4-Nitrophenol-d4	40	47.75	119		10	150
			Fluorene-d10	40	41.15	103		20	140
			4,6-Dinitro-2-methylphenol-d2	40	45.68	114		10	130
			Anthracene-d10	40	38.86	97		10	150
			Pyrene-d10	40	37.99	95		10	130
			Benzo(a)pyrene-d12	40	40.42	101		10	140

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3084-01	E1G74	BP020832.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	6.24	16	*	20	120
			Phenol-d5	40	10.45	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.72	84		25	120
			2-Chlorophenol-d4	40	32.57	81		20	130
			4-Methylphenol-d8	40	23.48	59		25	125
			Nitrobenzene-d5	40	37.67	94		20	125
			2-Nitrophenol-d4	40	43.71	109		20	130
			2,4-Dichlorophenol-d3	40	36.12	90		20	120
			4-Chloroaniline-d4	40	29.23	73		1	146
			Dimethylphthalate-d6	40	41.47	104		25	130
			Acenaphthylene-d8	40	36.52	91		10	130
			4-Nitrophenol-d4	40	11.16	28		10	150
			Fluorene-d10	40	40.55	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.14	113		10	130
			Anthracene-d10	40	41.33	103		25	130
			Pyrene-d10	40	39.28	98		15	130
			Benzo(a)pyrene-d12	40	43.86	110		20	130
P3084-02	E1G75	BP020833.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	8.84	22		20	120
			Phenol-d5	40	11.39	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.37	98		25	120
			2-Chlorophenol-d4	40	38.12	95		20	130
			4-Methylphenol-d8	40	26.50	66		25	125
			Nitrobenzene-d5	40	45.94	115		20	125
			2-Nitrophenol-d4	40	52.67	132	*	20	130
			2,4-Dichlorophenol-d3	40	42.12	105		20	120
			4-Chloroaniline-d4	40	31.05	78		1	146
			Dimethylphthalate-d6	40	48.12	120		25	130
			Acenaphthylene-d8	40	43.15	108		10	130
			4-Nitrophenol-d4	40	11.48	29		10	150
			Fluorene-d10	40	47.56	119		25	125
			4,6-Dinitro-2-methylphenol-d2	40	50.53	126		10	130
			Anthracene-d10	40	46.38	116		25	130
			Pyrene-d10	40	43.31	108		15	130
			Benzo(a)pyrene-d12	40	48.21	121		20	130
P3084-03	E1GE2	BP020834.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	5.28	13	*	20	120
			Phenol-d5	40	10.90	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.17	95		25	120
			2-Chlorophenol-d4	40	36.92	92		20	130
			4-Methylphenol-d8	40	25.15	63		25	125
			Nitrobenzene-d5	40	45.60	114		20	125
			2-Nitrophenol-d4	40	51.61	129		20	130
			2,4-Dichlorophenol-d3	40	41.46	104		20	120
			4-Chloroaniline-d4	40	14.67	37		1	146
			Dimethylphthalate-d6	40	47.41	119		25	130
			Acenaphthylene-d8	40	42.58	106		10	130
			4-Nitrophenol-d4	40	11.18	28		10	150

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3084-03	E1GE2	BP020834.D	Fluorene-d10	40	46.29	116		25	125
			4,6-Dinitro-2-methylphenol-d2	40	51.18	128		10	130
			Anthracene-d10	40	47.50	119		25	130
			Pyrene-d10	40	41.93	105		15	130
			Benzo(a)pyrene-d12	40	48.79	122		20	130
P3084-04	E1GE3	BP020835.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	6.14	15	*	20	120
			Phenol-d5	40	12.25	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.67	102		25	120
			2-Chlorophenol-d4	40	38.95	97		20	130
			4-Methylphenol-d8	40	27.60	69		25	125
			Nitrobenzene-d5	40	46.91	117		20	125
			2-Nitrophenol-d4	40	54.26	136	*	20	130
			2,4-Dichlorophenol-d3	40	44.08	110		20	120
			4-Chloroaniline-d4	40	22.41	56		1	146
			Dimethylphthalate-d6	40	48.70	122		25	130
			Acenaphthylene-d8	40	43.50	109		10	130
			4-Nitrophenol-d4	40	11.72	29		10	150
			Fluorene-d10	40	48.46	121		25	125
			4,6-Dinitro-2-methylphenol-d2	40	50.42	126		10	130
			Anthracene-d10	40	46.01	115		25	130
			Pyrene-d10	40	42.24	106		15	130
			Benzo(a)pyrene-d12	40	47.80	120		20	130
P3084-05	E1GC8	BP020836.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	9.19	23		20	120
			Phenol-d5	40	11.55	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.47	99		25	120
			2-Chlorophenol-d4	40	38.40	96		20	130
			4-Methylphenol-d8	40	26.65	67		25	125
			Nitrobenzene-d5	40	45.35	113		20	125
			2-Nitrophenol-d4	40	52.61	132	*	20	130
			2,4-Dichlorophenol-d3	40	42.65	107		20	120
			4-Chloroaniline-d4	40	38.19	95		1	146
			Dimethylphthalate-d6	40	48.28	121		25	130
			Acenaphthylene-d8	40	43.66	109		10	130
			4-Nitrophenol-d4	40	11.66	29		10	150
			Fluorene-d10	40	47.20	118		25	125
			4,6-Dinitro-2-methylphenol-d2	40	50.88	127		10	130
			Anthracene-d10	40	47.09	118		25	130
			Pyrene-d10	40	42.88	107		15	130
			Benzo(a)pyrene-d12	40	48.70	122		20	130
PB161756BL	PB161756BL	BP020831.D	Pyridine-d5	40	23.20	58		20	120
			1,4-Dioxane-d8	8	5.55	69		15	120
			Phenol-d5	40	26.06	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.49	64		25	120
			2-Chlorophenol-d4	40	26.66	67		20	130
			4-Methylphenol-d8	40	26.17	65		25	125
			Nitrobenzene-d5	40	28.89	72		20	125
			2-Nitrophenol-d4	40	33.99	85		20	130

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161756BL	PB161756BL	BP020831.D	2,4-Dichlorophenol-d3	40	27.45	69		20	120
			4-Chloroaniline-d4	40	22.66	57		1	146
			Dimethylphthalate-d6	40	29.55	74		25	130
			Acenaphthylene-d8	40	26.96	67		10	130
			4-Nitrophenol-d4	40	29.89	75		10	150
			Fluorene-d10	40	29.73	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.24	78		10	130
			Anthracene-d10	40	29.05	73		25	130
			Pyrene-d10	40	25.29	63		15	130
			Benzo(a)pyrene-d12	40	29.12	73		20	130
			1,4-Dioxane-d8	8	7.09	89		15	120
			Pyridine-d5	40	28.05	70		20	120
			Phenol-d5	40	32.11	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.64	74		25	120
PB161756BS	PB161756BS	BP020837.D	2-Chlorophenol-d4	40	31.85	80		20	130
			4-Methylphenol-d8	40	32.12	80		25	125
			Nitrobenzene-d5	40	33.90	85		20	125
			2-Nitrophenol-d4	40	39.27	98		20	130
			2,4-Dichlorophenol-d3	40	34.32	86		20	120
			4-Chloroaniline-d4	40	27.48	69		1	146
			Dimethylphthalate-d6	40	33.72	84		25	130
			Acenaphthylene-d8	40	31.73	79		10	130
			4-Nitrophenol-d4	40	39.24	98		10	150
			Fluorene-d10	40	34.16	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.71	99		10	130
			Anthracene-d10	40	31.50	79		25	130
			Pyrene-d10	40	30.24	76		15	130
			Benzo(a)pyrene-d12	40	33.05	83		20	130

Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3059-21	E1GN7	BP020852.D	Pyridine-d5	40	5.42	14	*	20	120
			1,4-Dioxane-d8	8	4.70	59		15	120
			Phenol-d5	40	12.48	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.45	94		25	120
			2-Chlorophenol-d4	40	36.76	92		20	130
			4-Methylphenol-d8	40	27.85	70		25	125
			Nitrobenzene-d5	40	44.05	110		20	125
			2-Nitrophenol-d4	40	50.23	126		20	130
			2,4-Dichlorophenol-d3	40	40.64	102		20	120
			4-Chloroaniline-d4	40	7.37	18		1	146
			Dimethylphthalate-d6	40	43.24	108		25	130
			Acenaphthylene-d8	40	40.68	102		10	130
			4-Nitrophenol-d4	40	11.39	28		10	150
			Fluorene-d10	40	44.05	110		25	125
			4,6-Dinitro-2-methylphenol-d2	40	43.96	110		10	130
			Anthracene-d10	40	42.99	107		25	130
			Pyrene-d10	40	40.33	101		15	130
			Benzo(a)pyrene-d12	40	44.78	112		20	130
P3084-06	E1GC7	BP020853.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	10.44	26		20	120
			Phenol-d5	40	12.12	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.85	97		25	120
			2-Chlorophenol-d4	40	37.58	94		20	130
			4-Methylphenol-d8	40	27.57	69		25	125
			Nitrobenzene-d5	40	44.43	111		20	125
			2-Nitrophenol-d4	40	52.29	131	*	20	130
			2,4-Dichlorophenol-d3	40	41.70	104		20	120
			4-Chloroaniline-d4	40	38.36	96		1	146
			Dimethylphthalate-d6	40	43.73	109		25	130
			Acenaphthylene-d8	40	40.74	102		10	130
			4-Nitrophenol-d4	40	11.69	29		10	150
			Fluorene-d10	40	43.77	109		25	125
			4,6-Dinitro-2-methylphenol-d2	40	43.29	108		10	130
			Anthracene-d10	40	42.61	107		25	130
			Pyrene-d10	40	39.52	99		15	130
			Benzo(a)pyrene-d12	40	44.04	110		20	130
PB161773BL	PB161773BL	BP020856.D	1,4-Dioxane-d8	8	6.43	80		15	120
			Pyridine-d5	40	27.34	68		20	120
			Phenol-d5	40	30.12	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.67	72		25	120
			2-Chlorophenol-d4	40	30.66	77		20	130
			4-Methylphenol-d8	40	30.02	75		25	125
			Nitrobenzene-d5	40	32.88	82		20	125
			2-Nitrophenol-d4	40	38.46	96		20	130
			2,4-Dichlorophenol-d3	40	31.72	79		20	120
			4-Chloroaniline-d4	40	25.91	65		1	146
			Dimethylphthalate-d6	40	33.75	84		25	130
			Acenaphthylene-d8	40	31.16	78		10	130
			4-Nitrophenol-d4	40	33.08	83		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP070824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161773BL	PB161773BL	BP020856.D	Fluorene-d10	40	33.41	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.36	81		10	130
			Anthracene-d10	40	31.83	80		25	130
			Pyrene-d10	40	30.02	75		15	130
			Benzo(a)pyrene-d12	40	33.00	83		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP070824

Lab Code: CHEM

SAS No.: BP070824

SDG NO.: BP070824

Lab File ID: BP020829.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	86.2
443	15.0 - 24.0% of mass 442	16.8 (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
SSTD020676	SSTDCCC020	BP020830.D	07/08/2024	13:00
SBLK756	PB161756BL	BP020831.D	07/08/2024	13:42
E1G74	P3084-01	BP020832.D	07/08/2024	14:25
E1G75	P3084-02	BP020833.D	07/08/2024	15:08
E1GE2	P3084-03	BP020834.D	07/08/2024	15:50
E1GE3	P3084-04	BP020835.D	07/08/2024	16:33
E1GC8	P3084-05	BP020836.D	07/08/2024	17:16
SLCS756	PB161756BS	BP020837.D	07/08/2024	17:59
A4CC4	P3035-23	BP020838.D	07/08/2024	18:43
A4CS9	P2963-18	BP020839.D	07/08/2024	19:26
SSTD020677	SSTDCCC020	BP020840.D	07/08/2024	20:52
SBLK754	PB161754BL	BP020841.D	07/08/2024	21:35
A4CB9	P3035-21	BP020842.D	07/08/2024	22:18
A4CB8	P3035-20	BP020843.D	07/08/2024	23:01
A4CX8	P3035-10	BP020844.D	07/08/2024	23:44
A4CX7	P3035-09	BP020845.D	07/09/2024	00:27
A4CX4	P3035-08	BP020846.D	07/09/2024	01:10
A4CX1	P3035-06	BP020847.D	07/09/2024	01:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP070824

Lab Code: CHEM

SAS No.: BP070824 SDG NO.: BP070824

Lab File ID: BP020829.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	86.2
443	15.0 - 24.0% of mass 442	16.8 (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
A4CW9	P3035-14	BP020848.D	07/09/2024	02:36
A4B96	P3035-18	BP020849.D	07/09/2024	03:19
A4CX0	P3035-15	BP020850.D	07/09/2024	04:01
A4CY1	P3035-11	BP020851.D	07/09/2024	04:44
E1GN7	P3059-21	BP020852.D	07/09/2024	05:27
E1GC7	P3084-06	BP020853.D	07/09/2024	06:09
SLCS754	PB161754BS	BP020854.D	07/09/2024	06:52
SSTD020678	SSTDCCC020	BP020855.D	07/09/2024	08:16
SBLK773	PB161773BL	BP020856.D	07/09/2024	08:59