

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1:10:39

Lab File ID: BP020038.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020770 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.601	0.010	9.5448	40.0
Benzaldehyde	1.042	1.289	0.010	23.7163	40.0
Pyridine	1.488	1.638	0.010	10.1355	40.0
Phenol	1.837	1.957	0.080	6.5328	20.0
Bis(2-Chloroethyl)ether	1.500	1.556	0.100	3.7129	20.0
2-Chlorophenol	1.254	1.360	0.200	8.4076	20.0
2-Methylphenol	1.346	1.442	0.010	7.0978	20.0
2,2-oxybis(1-Chloropropane)	2.192	2.266	0.010	3.3496	40.0
Acetophenone	2.332	2.436	0.060	4.444	20.0
4-Methylphenol	1.432	1.533	0.010	6.9897	20.0
N-Nitroso-di-n-propylamine	1.362	1.461	0.050	7.2299	30.0
Hexachloroethane	0.617	0.667	0.100	8.034	20.0
Nitrobenzene	0.469	0.515	0.050	9.9387	25.0
Isophorone	0.870	0.955	0.050	9.7964	25.0
2-Nitrophenol	0.166	0.185	0.050	11.8646	25.0
2,4-Dimethylphenol	0.396	0.434	0.050	9.573	25.0
Bis(2-Chloroethoxy)methane	0.488	0.519	0.050	6.3623	20.0
2,4-Dichlorophenol	0.300	0.338	0.060	12.3838	20.0
Naphthalene	1.037	1.140	0.200	9.9392	20.0
4-Chloroaniline	0.409	0.462	0.010	13.075	40.0
Hexachlorobutadiene	0.247	0.266	0.040	7.5311	30.0
Caprolactam	0.094	0.115	0.010	22.2679	40.0
4-Chloro-3-methylphenol	0.360	0.407	0.040	13.0985	25.0
1-Methylnaphthalene	0.711	0.784	0.100	10.2763	20.0
2-Methylnaphthalene	0.716	0.774	0.100	8.0751	20.0
Hexachlorocyclopentadiene	0.375	0.325	0.010	-13.3936	40.0
2,4,6-Trichlorophenol	0.391	0.411	0.090	5.2511	25.0
2,4,5-Trichlorophenol	0.406	0.433	0.100	6.5688	25.0
1,1-Biphenyl	1.434	1.507	0.200	5.0705	20.0
2-Chloronaphthalene	1.145	1.202	0.300	4.9705	20.0
2-Nitroaniline	0.372	0.435	0.050	16.8703	40.0
Dimethylphthalate	1.404	1.578	0.300	12.4414	20.0
2,6-Dinitrotoluene	0.265	0.304	0.080	14.9409	30.0
Acenaphthylene	1.836	1.983	0.400	7.9804	20.0
3-Nitroaniline	0.251	0.306	0.010	22.1727	40.0
Acenaphthene	1.211	1.314	0.200	8.5193	20.0
2,4-Dinitrophenol	0.159	0.179	0.010	12.2263	40.0
4-Nitrophenol	0.237	0.290	0.010	22.3103	40.0
Dibenzofuran	1.671	1.843	0.300	10.2585	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1:10:39

Lab File ID: BP020038.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020770 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.472	0.070	25.9234	30.0
Diethylphthalate	1.409	1.630	0.300	15.6519	20.0
Fluorene	1.381	1.549	0.200	12.1835	20.0
4-Chlorophenyl-phenylether	0.750	0.819	0.100	9.1996	20.0
4-Nitroaniline	0.223	0.295	0.010	32.7601	40.0
4,6-Dinitro-2-methylphenol	0.121	0.126	0.010	3.7185	40.0
N-Nitrosodiphenylamine	0.553	0.580	0.050	4.7875	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.669	0.100	2.6344	20.0
4-Bromophenyl-phenylether	0.219	0.225	0.070	2.5895	20.0
Hexachlorobenzene	0.237	0.249	0.050	4.9241	25.0
Atrazine	0.203	0.229	0.010	12.5876	25.0
Pentachlorophenol	0.144	0.150	0.010	4.2075	40.0
Phenanthrene	1.038	1.133	0.200	9.119	20.0
Pentachlorobenzene	0.298	0.291	0.050	-2.3083	20.0
Anthracene	1.059	1.148	0.200	8.4025	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.290	0.050	-8.4443	20.0
Carbazole	0.908	1.040	0.050	14.596	40.0
Di-n-butylphthalate	1.095	1.270	0.500	15.9751	25.0
Fluoranthene	1.264	1.354	0.400	7.1147	25.0
Pyrene	1.315	1.416	0.400	7.7131	25.0
Butylbenzylphthalate	0.501	0.565	0.100	12.6342	40.0
3,3-Dichlorobenzidine	0.442	0.495	0.010	12.0115	40.0
Benzo (a) anthracene	1.383	1.512	0.300	9.2826	30.0
Chrysene	1.303	1.407	0.200	8.0045	30.0
Bis(2-ethylhexyl)phthalate	0.773	0.854	0.200	10.4594	40.0
Di-n-octyl phthalate	1.236	1.298	0.010	5.0183	40.0
Benzo (b) fluoranthene	1.205	1.311	0.200	8.7923	25.0
Benzo (k) fluoranthene	1.236	1.303	0.200	5.4293	25.0
Benzo (a) pyrene	1.162	1.228	0.200	5.6891	20.0
Indeno (1,2,3-cd) pyrene	1.347	1.434	0.200	6.4996	25.0
Dibenzo (a,h) anthracene	1.097	1.181	0.200	7.6425	30.0
Benzo (g,h,i) perylene	1.077	1.153	0.200	6.982	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.419	0.040	19.3123	20.0
1,4-Dioxane-d8	0.488	0.542	0.010	10.9414	25.0
Pyridine-d5	1.437	1.487	0.010	3.4737	40.0
Phenol-d5	1.743	1.832	0.010	5.093	25.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.238	0.050	1.5913	25.0
2-Chlorophenol-d4	1.190	1.296	0.200	8.9067	20.0
4-Methylphenol-d8	1.362	1.419	0.010	4.2382	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024
 Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1:10:39
 Lab File ID: BP020038.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020770 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.160	0.050	11.3011	20.0
2-Nitrophenol-d4	0.156	0.170	0.050	9.1385	30.0
2,4-Dichlorophenol-d3	0.309	0.343	0.060	11.0253	20.0
4-Chloroaniline-d4	0.412	0.467	0.010	13.3068	40.0
Dimethylphthalate-d6	1.367	1.561	0.300	14.2342	20.0
Acenaphthylene-d8	1.629	1.755	0.400	7.7524	20.0
4-Nitrophenol-d4	0.208	0.255	0.010	22.5111	40.0
Fluorene-d10	1.217	1.356	0.100	11.4358	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.123	0.010	4.9891	40.0
Anthracene-d10	0.896	0.971	0.300	8.3473	20.0
Pyrene-d10	1.075	1.135	0.300	5.5781	25.0
Benzo(a)pyrene-d12	0.977	1.049	0.010	7.3205	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.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1:22:25

Lab File ID: BP020053.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020771 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.589	0.010	7.2913	40.0
Benzaldehyde	1.042	1.273	0.010	22.2124	40.0
Pyridine	1.488	1.524	0.010	2.4408	40.0
Phenol	1.837	1.917	0.080	4.3635	20.0
Bis(2-Chloroethyl)ether	1.500	1.558	0.100	3.89	20.0
2-Chlorophenol	1.254	1.345	0.200	7.2526	20.0
2-Methylphenol	1.346	1.403	0.010	4.1987	20.0
2,2-oxybis(1-Chloropropane)	2.192	2.324	0.010	6.0093	40.0
Acetophenone	2.332	2.410	0.060	3.3056	20.0
4-Methylphenol	1.432	1.473	0.010	2.8293	20.0
N-Nitroso-di-n-propylamine	1.362	1.422	0.050	4.3894	30.0
Hexachloroethane	0.617	0.658	0.100	6.6039	20.0
Nitrobenzene	0.469	0.515	0.050	9.7697	25.0
Isophorone	0.870	0.922	0.050	5.899	25.0
2-Nitrophenol	0.166	0.190	0.050	14.5867	25.0
2,4-Dimethylphenol	0.396	0.418	0.050	5.5416	25.0
Bis(2-Chloroethoxy)methane	0.488	0.530	0.050	8.5611	20.0
2,4-Dichlorophenol	0.300	0.327	0.060	8.9175	20.0
Naphthalene	1.037	1.115	0.200	7.5198	20.0
4-Chloroaniline	0.409	0.445	0.010	8.9005	40.0
Hexachlorobutadiene	0.247	0.269	0.040	9.0168	30.0
Caprolactam	0.094	0.107	0.010	13.8433	40.0
4-Chloro-3-methylphenol	0.360	0.397	0.040	10.2609	25.0
1-Methylnaphthalene	0.711	0.756	0.100	6.3798	20.0
2-Methylnaphthalene	0.716	0.765	0.100	6.8805	20.0
Hexachlorocyclopentadiene	0.375	0.351	0.010	-6.5743	40.0
2,4,6-Trichlorophenol	0.391	0.415	0.090	6.2326	25.0
2,4,5-Trichlorophenol	0.406	0.443	0.100	9.1008	25.0
1,1-Biphenyl	1.434	1.523	0.200	6.2441	20.0
2-Chloronaphthalene	1.145	1.209	0.300	5.5881	20.0
2-Nitroaniline	0.372	0.430	0.050	15.6541	40.0
Dimethylphthalate	1.404	1.544	0.300	9.9938	20.0
2,6-Dinitrotoluene	0.265	0.307	0.080	15.9194	30.0
Acenaphthylene	1.836	1.957	0.400	6.5775	20.0
3-Nitroaniline	0.251	0.287	0.010	14.3411	40.0
Acenaphthene	1.211	1.280	0.200	5.7763	20.0
2,4-Dinitrophenol	0.159	0.166	0.010	4.3696	40.0
4-Nitrophenol	0.237	0.251	0.010	6.0267	40.0
Dibenzofuran	1.671	1.822	0.300	9.0147	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1: 22:25

Lab File ID: BP020053.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020771 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.445	0.070	18.5758	30.0
Diethylphthalate	1.409	1.580	0.300	12.099	20.0
Fluorene	1.381	1.473	0.200	6.6637	20.0
4-Chlorophenyl-phenylether	0.750	0.804	0.100	7.1102	20.0
4-Nitroaniline	0.223	0.256	0.010	14.9529	40.0
4,6-Dinitro-2-methylphenol	0.121	0.134	0.010	10.0082	40.0
N-Nitrosodiphenylamine	0.553	0.582	0.050	5.1467	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.697	0.100	6.9839	20.0
4-Bromophenyl-phenylether	0.219	0.233	0.070	6.4199	20.0
Hexachlorobenzene	0.237	0.256	0.050	7.8921	25.0
Atrazine	0.203	0.233	0.010	14.6435	25.0
Pentachlorophenol	0.144	0.155	0.010	7.8433	40.0
Phenanthrene	1.038	1.113	0.200	7.1353	20.0
Pentachlorobenzene	0.298	0.315	0.050	5.6094	20.0
Anthracene	1.059	1.142	0.200	7.8267	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.321	0.050	1.1277	20.0
Carbazole	0.908	1.015	0.050	11.7975	40.0
Di-n-butylphthalate	1.095	1.267	0.500	15.6979	25.0
Fluoranthene	1.264	1.368	0.400	8.2595	25.0
Pyrene	1.315	1.454	0.400	10.6211	25.0
Butylbenzylphthalate	0.501	0.588	0.100	17.203	40.0
3,3-Dichlorobenzidine	0.442	0.495	0.010	11.8791	40.0
Benzo (a) anthracene	1.383	1.509	0.300	9.0728	30.0
Chrysene	1.303	1.401	0.200	7.5111	30.0
Bis (2-ethylhexyl) phthalate	0.773	0.876	0.200	13.3616	40.0
Di-n-octyl phthalate	1.236	1.380	0.010	11.6354	40.0
Benzo (b) fluoranthene	1.205	1.348	0.200	11.8452	25.0
Benzo (k) fluoranthene	1.236	1.336	0.200	8.1034	25.0
Benzo (a) pyrene	1.162	1.251	0.200	7.6665	20.0
Indeno (1,2,3-cd) pyrene	1.347	1.468	0.200	8.9564	25.0
Dibenzo (a,h) anthracene	1.097	1.203	0.200	9.6413	30.0
Benzo (g,h,i) perylene	1.077	1.185	0.200	10.0375	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.402	0.040	14.3945	20.0
1,4-Dioxane-d8	0.488	0.509	0.010	4.3164	25.0
Pyridine-d5	1.437	1.501	0.010	4.4912	40.0
Phenol-d5	1.743	1.785	0.010	2.3869	25.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.263	0.050	3.6429	25.0
2-Chlorophenol-d4	1.190	1.290	0.200	8.4011	20.0
4-Methylphenol-d8	1.362	1.403	0.010	3.0663	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024
 Instrument ID: BNA_P Calibration Date/Time: 4/20/2024 1:22:25
 Lab File ID: BP020053.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020771 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.161	0.050	12.0105	20.0
2-Nitrophenol-d4	0.156	0.183	0.050	17.62	30.0
2,4-Dichlorophenol-d3	0.309	0.339	0.060	9.8039	20.0
4-Chloroaniline-d4	0.412	0.447	0.010	8.612	40.0
Dimethylphthalate-d6	1.367	1.535	0.300	12.3087	20.0
Acenaphthylene-d8	1.629	1.763	0.400	8.2184	20.0
4-Nitrophenol-d4	0.208	0.225	0.010	8.2525	40.0
Fluorene-d10	1.217	1.302	0.100	6.9907	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.128	0.010	9.3472	40.0
Anthracene-d10	0.896	0.963	0.300	7.4228	20.0
Pyrene-d10	1.075	1.182	0.300	10.0126	25.0
Benzo(a)pyrene-d12	0.977	1.063	0.010	8.7827	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.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/21/2024 1:09:53

Lab File ID: BP020068.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020772 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.549	0.519	0.010	-5.4762	50.0
Benzaldehyde	1.042	1.233	0.010	18.3239	50.0
Pyridine	1.488	1.458	0.010	-1.9908	50.0
Phenol	1.837	1.901	0.080	3.4824	50.0
Bis(2-Chloroethyl)ether	1.500	1.534	0.100	2.3027	50.0
2-Chlorophenol	1.254	1.386	0.200	10.5197	50.0
2-Methylphenol	1.346	1.369	0.010	1.6941	50.0
2,2-oxybis(1-Chloropropane)	2.192	2.216	0.010	1.0682	50.0
Acetophenone	2.332	2.289	0.060	-1.857	50.0
4-Methylphenol	1.432	1.467	0.010	2.3832	50.0
N-Nitroso-di-n-propylamine	1.362	1.315	0.050	-3.4987	50.0
Hexachloroethane	0.617	0.649	0.100	5.0773	50.0
Nitrobenzene	0.469	0.506	0.050	7.9138	50.0
Isophorone	0.870	0.902	0.050	3.6195	50.0
2-Nitrophenol	0.166	0.194	0.050	17.2169	50.0
2,4-Dimethylphenol	0.396	0.413	0.050	4.3385	50.0
Bis(2-Chloroethoxy)methane	0.488	0.509	0.050	4.408	50.0
2,4-Dichlorophenol	0.300	0.346	0.060	15.0519	50.0
Naphthalene	1.037	1.113	0.200	7.3055	50.0
4-Chloroaniline	0.409	0.439	0.010	7.345	50.0
Hexachlorobutadiene	0.247	0.276	0.040	11.687	50.0
Caprolactam	0.094	0.101	0.010	7.7058	50.0
4-Chloro-3-methylphenol	0.360	0.395	0.040	9.548	50.0
1-Methylnaphthalene	0.711	0.749	0.100	5.2687	50.0
2-Methylnaphthalene	0.716	0.753	0.100	5.1265	50.0
Hexachlorocyclopentadiene	0.375	0.210	0.010	-43.9699	50.0
2,4,6-Trichlorophenol	0.391	0.457	0.090	17.0447	50.0
2,4,5-Trichlorophenol	0.406	0.479	0.100	17.9016	50.0
1,1-Biphenyl	1.434	1.523	0.200	6.1923	50.0
2-Chloronaphthalene	1.145	1.261	0.300	10.1166	50.0
2-Nitroaniline	0.372	0.447	0.050	20.0793	50.0
Dimethylphthalate	1.404	1.504	0.300	7.1403	50.0
2,6-Dinitrotoluene	0.265	0.312	0.080	17.8767	50.0
Acenaphthylene	1.836	1.989	0.400	8.3124	50.0
3-Nitroaniline	0.251	0.318	0.010	26.8621	50.0
Acenaphthene	1.211	1.306	0.200	7.8557	50.0
2,4-Dinitrophenol	0.159	0.092	0.010	-42.4255	50.0
4-Nitrophenol	0.237	0.254	0.010	7.1876	50.0
Dibenzofuran	1.671	1.819	0.300	8.8374	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/21/2024 1:09:53

Lab File ID: BP020068.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020772 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.375	0.454	0.070	20.9614	50.0
Diethylphthalate	1.409	1.530	0.300	8.5455	50.0
Fluorene	1.381	1.502	0.200	8.7402	50.0
4-Chlorophenyl-phenylether	0.750	0.796	0.100	6.0701	50.0
4-Nitroaniline	0.223	0.307	0.010	38.0716	50.0
4,6-Dinitro-2-methylphenol	0.121	0.080	0.010	-34.4911	50.0
N-Nitrosodiphenylamine	0.553	0.567	0.050	2.5109	50.0
1,2,4,5-Tetrachlorobenzene	0.652	0.717	0.100	9.9896	50.0
4-Bromophenyl-phenylether	0.219	0.225	0.070	2.7994	50.0
Hexachlorobenzene	0.237	0.250	0.050	5.2526	50.0
Atrazine	0.203	0.223	0.010	9.5937	50.0
Pentachlorophenol	0.144	0.154	0.010	7.2196	50.0
Phenanthrene	1.038	1.084	0.200	4.4185	50.0
Pentachlorobenzene	0.298	0.302	0.050	1.0653	50.0
Anthracene	1.059	1.108	0.200	4.595	50.0
1,2,3,4-Tetrachlorobenzene	0.317	0.320	0.050	0.8558	50.0
Carbazole	0.908	0.994	0.050	9.5207	50.0
Di-n-butylphthalate	1.095	1.234	0.500	12.7076	50.0
Fluoranthene	1.264	1.571	0.400	24.3211	50.0
Pyrene	1.315	1.565	0.400	19.0162	50.0
Butylbenzylphthalate	0.501	0.649	0.100	29.4265	50.0
3,3-Dichlorobenzidine	0.442	0.461	0.010	4.2636	50.0
Benzo (a) anthracene	1.383	1.540	0.300	11.3461	50.0
Chrysene	1.303	1.399	0.200	7.349	50.0
Bis (2-ethylhexyl) phthalate	0.773	0.925	0.200	19.6571	50.0
Di-n-octyl phthalate	1.236	1.408	0.010	13.9233	50.0
Benzo (b) fluoranthene	1.205	1.290	0.200	7.0482	50.0
Benzo (k) fluoranthene	1.236	1.302	0.200	5.3245	50.0
Benzo (a) pyrene	1.162	1.249	0.200	7.4969	50.0
Indeno (1,2,3-cd) pyrene	1.347	1.497	0.200	11.1667	50.0
Dibenzo (a,h) anthracene	1.097	1.239	0.200	12.8854	50.0
Benzo (g,h,i) perylene	1.077	1.179	0.200	9.4227	50.0
2,3,4,6-Tetrachlorophenol	0.352	0.410	0.040	16.6462	50.0
1,4-Dioxane-d8	0.488	0.481	0.010	-1.5395	50.0
Pyridine-d5	1.437	1.421	0.010	-1.0658	50.0
Phenol-d5	1.743	1.807	0.010	3.6949	50.0
Bis- (2-Chloroethyl) ether-d8	1.218	1.212	0.050	-0.5013	50.0
2-Chlorophenol-d4	1.190	1.309	0.200	10.0184	50.0
4-Methylphenol-d8	1.362	1.404	0.010	3.1248	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG No.: BP042024

Instrument ID: BNA_P Calibration Date/Time: 4/21/2024 1:09:53

Lab File ID: BP020068.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020772 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.166	0.050	15.525	50.0
2-Nitrophenol-d4	0.156	0.189	0.050	21.2358	50.0
2,4-Dichlorophenol-d3	0.309	0.351	0.060	13.9117	50.0
4-Chloroaniline-d4	0.412	0.444	0.010	7.8284	50.0
Dimethylphthalate-d6	1.367	1.468	0.300	7.371	50.0
Acenaphthylene-d8	1.629	1.776	0.400	9.0136	50.0
4-Nitrophenol-d4	0.208	0.242	0.010	16.4311	50.0
Fluorene-d10	1.217	1.318	0.100	8.291	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.073	0.010	-37.2648	50.0
Anthracene-d10	0.896	0.950	0.300	6.0599	50.0
Pyrene-d10	1.075	1.315	0.300	22.3918	50.0
Benzo(a)pyrene-d12	0.977	1.041	0.010	6.5465	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK383	SDG No.:	BP042024
Lab Sample ID:	PB160383BL	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
BP020039.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK383	SDG No.:	BP042024
Lab Sample ID:	PB160383BL	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
BP020039.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK383	SDG No.:	BP042024
Lab Sample ID:	PB160383BL	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
BP020039.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	5.26		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	26.307		20-120		66	SPK: -40
4165-62-2	Phenol-d5	26.228		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.591		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.498		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.606		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.219		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.241		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.16		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.069		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.591		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.53		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.404		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.465		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK383	SDG No.:	BP042024
Lab Sample ID:	PB160383BL	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
BP020039.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.089		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	28.282		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	30.514		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.597		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112103	7.634				
1146-65-2	Naphthalene-d8	451451	10.41				
15067-26-2	Acenaphthene-d10	307335	14.316				
1517-22-2	Phenanthrene-d10	646517	17.163				
1719-03-5	Chrysene-d12	612005	21.669				
1520-96-3	Perylene-d12	672203	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BP042024
Lab Sample ID:	PB160347BL	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
BP020040.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

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

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BP042024
Lab Sample ID:	PB160347BL	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
BP020040.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

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:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BP042024
Lab Sample ID:	PB160347BL	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
BP020040.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

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	4.392		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	18.141		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.992		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.047		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.566		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.742		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.828		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.802		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.492		20-120		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.623		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.928		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	24.841		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.211		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	26.387		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BP042024
Lab Sample ID:	PB160347BL	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
BP020040.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.32		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	25.391		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	26.856		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.214		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125068	7.64				
1146-65-2	Naphthalene-d8	514815	10.416				
15067-26-2	Acenaphthene-d10	352813	14.316				
1517-22-2	Phenanthrene-d10	796141	17.163				
1719-03-5	Chrysene-d12	783145	21.663				
1520-96-3	Perylene-d12	866262	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP042024
Lab Sample ID:	P2115-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BP020041.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160380

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP042024
Lab Sample ID:	P2115-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BP020041.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160380

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP042024
Lab Sample ID:	P2115-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BP020041.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160380

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	81	U	81	130	510	ug/Kg
218-01-9	Chrysene	93	U	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP042024
Lab Sample ID:	P2115-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BP020041.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160380

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86593	7.64				
1146-65-2	Naphthalene-d8	360671	10.422				
15067-26-2	Acenaphthene-d10	275070	14.322				
1517-22-2	Phenanthrene-d10	597490	17.169				
1719-03-5	Chrysene-d12	411277	21.657				
1520-96-3	Perylene-d12	448947	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R93	SDG No.:	BP042024
Lab Sample ID:	P2161-05	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
BP020042.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R93	SDG No.:	BP042024
Lab Sample ID:	P2161-05	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
BP020042.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R93	SDG No.:	BP042024
Lab Sample ID:	P2161-05	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
BP020042.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	4.832		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	3.117	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	6.445		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.355		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.087		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	16.74		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	41.549		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.916		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.871		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.422		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	44.326		25-130		111	SPK: -40
93951-97-4	Acenaphthylene-d8	41.088		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.099		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	43.864		25-125		110	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R93	SDG No.:	BP042024
Lab Sample ID:	P2161-05	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
BP020042.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.478		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	44.487		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	48.191		15-130		120	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.958		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81649	7.64				
1146-65-2	Naphthalene-d8	343065	10.416				
15067-26-2	Acenaphthene-d10	244104	14.316				
1517-22-2	Phenanthrene-d10	500886	17.157				
1719-03-5	Chrysene-d12	421854	21.663				
1520-96-3	Perylene-d12	479168	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3.2	J			18.116	
000057-11-4	Octadecanoic acid	2.9	J			19.469	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB3	SDG No.:	BP042024
Lab Sample ID:	P2161-06	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
BP020043.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB3	SDG No.:	BP042024
Lab Sample ID:	P2161-06	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
BP020043.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB3	SDG No.:	BP042024
Lab Sample ID:	P2161-06	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
BP020043.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	4.877		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	6.532	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	7.69		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	45.597		25-120		114	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.343		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	20.155		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	46.557		20-125		116	SPK: -40
93951-78-1	2-Nitrophenol-d4	46.08		20-130		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.659		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.384		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	53.775	*	25-130		134	SPK: -40
93951-97-4	Acenaphthylene-d8	46.508		10-130		116	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.552		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	51.137	*	25-125		128	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB3	SDG No.:	BP042024
Lab Sample ID:	P2161-06	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
BP020043.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.761		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	52.404	*	25-130		131	SPK: -40
1718-52-1	Pyrene-d10	60.072	*	15-130		150	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	53.549	*	20-130		134	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77213	7.64				
1146-65-2	Naphthalene-d8	348899	10.416				
15067-26-2	Acenaphthene-d10	252321	14.316				
1517-22-2	Phenanthrene-d10	525558	17.157				
1719-03-5	Chrysene-d12	397306	21.669				
1520-96-3	Perylene-d12	445282	25.057				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.5	J			18.122	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RJ8	SDG No.:	BP042024
Lab Sample ID:	P2161-07	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
BP020044.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RJ8	SDG No.:	BP042024
Lab Sample ID:	P2161-07	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
BP020044.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RJ8	SDG No.:	BP042024
Lab Sample ID:	P2161-07	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
BP020044.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	4.265		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	5.187	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.816		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.122		25-120		108	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.635		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	19.766		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	46.901		20-125		117	SPK: -40
93951-78-1	2-Nitrophenol-d4	46.079		20-130		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.793		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.176		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	48.32		25-130		121	SPK: -40
93951-97-4	Acenaphthylene-d8	45.144		10-130		113	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.351		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	47.587		25-125		119	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RJ8	SDG No.:	BP042024
Lab Sample ID:	P2161-07	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
BP020044.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.096		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	47.752		25-130		119	SPK: -40
1718-52-1	Pyrene-d10	47.607		15-130		119	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.301		20-130		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78103	7.64				
1146-65-2	Naphthalene-d8	349680	10.416				
15067-26-2	Acenaphthene-d10	241310	14.322				
1517-22-2	Phenanthrene-d10	541772	17.168				
1719-03-5	Chrysene-d12	574819	21.674				
1520-96-3	Perylene-d12	662066	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	MC0RB4	SDG No.:	BP042024
Lab Sample ID:	P2161-08	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
BP020045.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	MC0RB4	SDG No.:	BP042024
Lab Sample ID:	P2161-08	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
BP020045.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	MC0RB4	SDG No.:	BP042024
Lab Sample ID:	P2161-08	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
BP020045.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	4.318		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	5.193	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.52		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.988		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.013		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	17.163		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	43.501		20-125		109	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.989		20-130		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.069		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.944		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	46.272		25-130		116	SPK: -40
93951-97-4	Acenaphthylene-d8	43.148		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.247		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	44.737		25-125		112	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	MC0RB4	SDG No.:	BP042024
Lab Sample ID:	P2161-08	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
BP020045.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.722		10-130		104	SPK: -40
1719-06-8	Anthracene-d10	47.123		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	49.298		15-130		123	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.102		20-130		123	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78224	7.64				
1146-65-2	Naphthalene-d8	318313	10.416				
15067-26-2	Acenaphthene-d10	211043	14.316				
1517-22-2	Phenanthrene-d10	458952	17.163				
1719-03-5	Chrysene-d12	448180	21.663				
1520-96-3	Perylene-d12	494384	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R88	SDG No.:	BP042024
Lab Sample ID:	P2161-09	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
BP020046.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	1.9	J	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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R88	SDG No.:	BP042024
Lab Sample ID:	P2161-09	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
BP020046.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R88	SDG No.:	BP042024
Lab Sample ID:	P2161-09	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
BP020046.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

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	3.88		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	2.91	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	6.674		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.487		25-120		106	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.073		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	17.187		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	46.518		20-125		116	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.908		20-130		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.443		20-120		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.755		1-146		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	48.236		25-130		121	SPK: -40
93951-97-4	Acenaphthylene-d8	43.923		10-130		110	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.205		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	46.792		25-125		117	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0R88	SDG No.:	BP042024
Lab Sample ID:	P2161-09	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
BP020046.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.669		10-130		104	SPK: -40
1719-06-8	Anthracene-d10	47.072		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	48.905		15-130		122	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.41		20-130		124	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72423	7.64				
1146-65-2	Naphthalene-d8	288608	10.416				
15067-26-2	Acenaphthene-d10	203886	14.322				
1517-22-2	Phenanthrene-d10	471246	17.163				
1719-03-5	Chrysene-d12	486850	21.651				
1520-96-3	Perylene-d12	536483	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	5.6	J			7.698	
000090-05-1	Phenol, 2-methoxy-	11	J			8.728	
000121-33-5	Vanillin	7.9	J			13.239	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.2	J			17.874	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB7	SDG No.:	BP042024
Lab Sample ID:	P2161-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BP020047.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	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	10.2	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	0.93	U	0.93	2.6	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB7	SDG No.:	BP042024
Lab Sample ID:	P2161-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BP020047.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	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	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	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	2.6	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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB7	SDG No.:	BP042024
Lab Sample ID:	P2161-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP020047.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.55		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	2.185	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	5.808		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.214		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.688		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	14.292		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	37.401		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.927		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.613		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.102		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.391		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	37.249		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.448		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	39.921		25-125		100	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RB7	SDG No.:	BP042024
Lab Sample ID:	P2161-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP020047.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.326		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	43.233		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	43.53		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.715		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76915	7.634				
1146-65-2	Naphthalene-d8	306806	10.416				
15067-26-2	Acenaphthene-d10	210171	14.31				
1517-22-2	Phenanthrene-d10	467481	17.151				
1719-03-5	Chrysene-d12	489665	21.657				
1520-96-3	Perylene-d12	542630	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	110	J			5.011	
000106-46-7	Benzene, 1,4-dichloro-	4.4	J			7.522	
000541-73-1	Benzene, 1,3-dichloro-	52	J			7.981	
000108-70-3	Benzene, 1,3,5-trichloro-	6.9	J			10.275	
000057-10-3	n-Hexadecanoic acid	2.7	J			18.116	
	(DEL) Alkane: Straight-Chain21.328	2.1	J			21.328	
E966796	Total Alkanes	2.1				99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RC6	SDG No.:	BP042024
Lab Sample ID:	P2161-11	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
BP020048.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RC6	SDG No.:	BP042024
Lab Sample ID:	P2161-11	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
BP020048.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RC6	SDG No.:	BP042024
Lab Sample ID:	P2161-11	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
BP020048.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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	3.576		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	1.171	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.494		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.349		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.753		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	16.721		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	39.536		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.309		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.114		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.934		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.334		25-130		106	SPK: -40
93951-97-4	Acenaphthylene-d8	38.897		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.771		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	40.757		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	C0RC6	SDG No.:	BP042024
Lab Sample ID:	P2161-11	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
BP020048.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.044		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	41.994		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	51.405		15-130		129	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.706		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100193	7.64				
1146-65-2	Naphthalene-d8	434496	10.41				
15067-26-2	Acenaphthene-d10	311029	14.316				
1517-22-2	Phenanthrene-d10	663876	17.151				
1719-03-5	Chrysene-d12	473205	21.663				
1520-96-3	Perylene-d12	533208	25.056				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	MC0R81	SDG No.:	BP042024
Lab Sample ID:	P2161-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP020049.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	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	10.2	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	0.93	U	0.93	2.6	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2.1	J	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	MC0R81	SDG No.:	BP042024
Lab Sample ID:	P2161-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BP020049.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	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	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	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	2.6	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:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	MC0R81	SDG No.:	BP042024
Lab Sample ID:	P2161-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP020049.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.575		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.441	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.093		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	44.268		25-120		111	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.767		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	18.936		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	47.16		20-125		118	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.814		20-130		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.855		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.892		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	49.482		25-130		124	SPK: -40
93951-97-4	Acenaphthylene-d8	45.183		10-130		113	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.899		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	47.221		25-125		118	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	MC0R81	SDG No.:	BP042024
Lab Sample ID:	P2161-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP020049.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.135		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	49.01		25-130		123	SPK: -40
1718-52-1	Pyrene-d10	58.417	*	15-130		146	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	50.477		20-130		126	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90895	7.64				
1146-65-2	Naphthalene-d8	391243	10.416				
15067-26-2	Acenaphthene-d10	286165	14.316				
1517-22-2	Phenanthrene-d10	586961	17.157				
1719-03-5	Chrysene-d12	438413	21.657				
1520-96-3	Perylene-d12	489038	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	6.2	J			7.693	
000090-05-1	Phenol, 2-methoxy-	12	J			8.722	
000093-51-6	Creosol	2.2	J			10.328	
000121-33-5	Vanillin	8.3	J			13.24	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.7	J			17.869	
E966796	Total Alkanes	1.1	U			99	ug/L



Client:				Date Collected:	4/16/2024 12:00:00 AM	
Project:				Date Received:	4/16/2024 12:00:00 AM	
Client Sample ID:	C0RC8			SDG No.:	BP042024	
Lab Sample ID:	P2161-13			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
BP020050.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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	300	E	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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC8	SDG No.:	BP042024
Lab Sample ID:	P2161-13	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
BP020050.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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	18		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	20		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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC8	SDG No.:	BP042024
Lab Sample ID:	P2161-13	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
BP020050.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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							
7291-22-7	Pyridine-d5	7.787	*	20-120		19	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.875		15-120		48	SPK: -8
4165-62-2	Phenol-d5	6.391		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.779		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.665		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	15.493		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	42.854		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.471		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.708		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.607		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.743		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	41.653		10-130		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.17		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	43.161		25-125		108	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC8	SDG No.:	BP042024
Lab Sample ID:	P2161-13	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
BP020050.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.124		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	44.55		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	45.805		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.911		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87652	7.651				
1146-65-2	Naphthalene-d8	323469	10.416				
15067-26-2	Acenaphthene-d10	216509	14.316				
1517-22-2	Phenanthrene-d10	474120	17.163				
1719-03-5	Chrysene-d12	479252	21.674				
1520-96-3	Perylene-d12	534315	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	23	J			5.052	
000106-46-7	Benzene, 1,4-dichloro-	20	J			7.716	
000095-50-1	Benzene, 1,2-dichloro-	16	J			8.028	
000120-82-1	Benzene, 1,2,4-trichloro-	510	J			10.287	
000087-61-6	Benzene, 1,2,3-trichloro-	72	J			10.798	
000121-73-3	Benzene, 1-chloro-3-nitro-	55	J			11.034	
000088-73-3	Benzene, 1-chloro-2-nitro-	16	J			11.257	
000057-10-3	n-Hexadecanoic acid	2.9	J			18.122	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS383	SDG No.:	BP042024
Lab Sample ID:	PB160383BS	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
BP020051.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	34		1.1	5	10	ug/L
110-86-1	Pyridine	30		1.7	10	10	ug/L
108-95-2	Phenol	33		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.9	5	10	ug/L
98-86-2	Acetophenone	32		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	32		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.1	2.5	5	ug/L
91-20-3	Naphthalene	32		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	30		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	36		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS383	SDG No.:	BP042024
Lab Sample ID:	PB160383BS	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
BP020051.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.6	5	10	ug/L
83-32-9	Acenaphthene	32		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	38		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		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	40		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.2	2.5	5	ug/L
1912-24-9	Atrazine	26		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		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	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		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	33		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS383	SDG No.:	BP042024
Lab Sample ID:	PB160383BS	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
BP020051.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.1	2.5	5	ug/L
218-01-9	Chrysene	33		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		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	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.269		15-120		103	SPK: -8
7291-22-7	Pyridine-d5	26.32		20-120		66	SPK: -40
4165-62-2	Phenol-d5	33.194		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.899		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.374		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	32.932		25-125		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.242		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.625		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.169		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.585		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.102		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.006		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.708		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	34.708		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS383	SDG No.:	BP042024
Lab Sample ID:	PB160383BS	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
BP020051.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.466		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	33.444		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.688		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.163		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83459	7.64				
1146-65-2	Naphthalene-d8	345958	10.41				
15067-26-2	Acenaphthene-d10	242055	14.31				
1517-22-2	Phenanthrene-d10	530447	17.157				
1719-03-5	Chrysene-d12	519948	21.668				
1520-96-3	Perylene-d12	567840	25.056				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS384	SDG No.:	BP042024
Lab Sample ID:	PB160384BS	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
BP020052.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	38		1.1	5	10	ug/L
110-86-1	Pyridine	34		1.7	10	10	ug/L
108-95-2	Phenol	36		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	37		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34		1.9	5	10	ug/L
98-86-2	Acetophenone	35		1.5	5	10	ug/L
106-44-5	4-Methylphenol	36		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	34		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	36		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.4	2.5	5	ug/L
78-59-1	Isophorone	35		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	33		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	38		1.1	2.5	5	ug/L
91-20-3	Naphthalene	35		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	32		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.5	2.5	5	ug/L
105-60-2	Caprolactam	40		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	36		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS384	SDG No.:	BP042024
Lab Sample ID:	PB160384BS	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
BP020052.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	41		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	37		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	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	40		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	40		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	41		1.4	5	10	ug/L
132-64-9	Dibenzofuran	36		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		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	36		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.2	2.5	5	ug/L
1912-24-9	Atrazine	28		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	36		1.9	5	10	ug/L
85-01-8	Phenanthrene	36		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		1.7	2.5	5	ug/L
86-74-8	Carbazole	38		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS384	SDG No.:	BP042024
Lab Sample ID:	PB160384BS	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
BP020052.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.1	2.5	5	ug/L
218-01-9	Chrysene	37		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.945		15-120		112	SPK: -8
7291-22-7	Pyridine-d5	29.334		20-120		73	SPK: -40
4165-62-2	Phenol-d5	36.679		10-130		92	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.52		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.953		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	36.183		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	38.727		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.163		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.034		20-120		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.157		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.92		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.658		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.834		10-150		107	SPK: -40
81103-79-9	Fluorene-d10	37.178		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS384	SDG No.:	BP042024
Lab Sample ID:	PB160384BS	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
BP020052.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.096		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	36.949		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	38.281		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.641		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83575	7.64				
1146-65-2	Naphthalene-d8	341965	10.41				
15067-26-2	Acenaphthene-d10	226825	14.316				
1517-22-2	Phenanthrene-d10	489834	17.157				
1719-03-5	Chrysene-d12	486143	21.657				
1520-96-3	Perylene-d12	531571	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK221	SDG No.:	BP042024
Lab Sample ID:	PB160221BL	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
BP020054.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160221

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:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK221	SDG No.:	BP042024
Lab Sample ID:	PB160221BL	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
BP020054.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160221

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:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK221	SDG No.:	BP042024
Lab Sample ID:	PB160221BL	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
BP020054.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160221

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	6.9		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	31.438		20-120		79	SPK: -40
4165-62-2	Phenol-d5	32.035		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.199		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.254		15-120		86	SPK: -40
190780-66-6	4-Methylphenol-d8	32.737		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.096		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.307		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.691		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.787		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.595		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	33.851		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.787		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	34.85		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK221	SDG No.:	BP042024
Lab Sample ID:	PB160221BL	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
BP020054.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.288		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	35.53		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	35.838		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.172		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88191	7.634				
1146-65-2	Naphthalene-d8	372679	10.41				
15067-26-2	Acenaphthene-d10	255156	14.316				
1517-22-2	Phenanthrene-d10	531794	17.175				
1719-03-5	Chrysene-d12	500561	21.669				
1520-96-3	Perylene-d12	554413	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC9	SDG No.:	BP042024
Lab Sample ID:	P2161-14	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
BP020055.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC9	SDG No.:	BP042024
Lab Sample ID:	P2161-14	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
BP020055.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC9	SDG No.:	BP042024
Lab Sample ID:	P2161-14	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
BP020055.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

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	4.023		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	5.119	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.476		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.931		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.418		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	16.1		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	39.975		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.211		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.648		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.991		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.402		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	37.48		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.499		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	38.505		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RC9	SDG No.:	BP042024
Lab Sample ID:	P2161-14	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
BP020055.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.087		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	41.751		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	41.416		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.282		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94010	7.64				
1146-65-2	Naphthalene-d8	389914	10.41				
15067-26-2	Acenaphthene-d10	266643	14.322				
1517-22-2	Phenanthrene-d10	552351	17.163				
1719-03-5	Chrysene-d12	529305	21.668				
1520-96-3	Perylene-d12	599994	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	2.4	J			5.016	
000087-61-6	Benzene, 1,2,3-trichloro-	2.1	J			10.281	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE4	SDG No.:	BP042024
Lab Sample ID:	P2161-15	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
BP020056.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

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	29		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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE4	SDG No.:	BP042024
Lab Sample ID:	P2161-15	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
BP020056.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

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	17		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	2.1	J	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	52		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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE4	SDG No.:	BP042024
Lab Sample ID:	P2161-15	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
BP020056.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

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	4.467		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	12.991		20-120		32	SPK: -40
4165-62-2	Phenol-d5	8.11		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.71		25-120		109	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.14		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	19.924		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	48.37		20-125		121	SPK: -40
93951-78-1	2-Nitrophenol-d4	49.176		20-130		123	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.722		20-120		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.258		1-146		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	50.891		25-130		127	SPK: -40
93951-97-4	Acenaphthylene-d8	48.414		10-130		121	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.196		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	49.31		25-125		123	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0RE4	SDG No.:	BP042024
Lab Sample ID:	P2161-15	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
BP020056.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.093		10-130		118	SPK: -40
1719-06-8	Anthracene-d10	50.886		25-130		127	SPK: -40
1718-52-1	Pyrene-d10	55.342	*	15-130		138	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	52.688	*	20-130		132	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88773	7.646				
1146-65-2	Naphthalene-d8	363538	10.422				
15067-26-2	Acenaphthene-d10	244631	14.316				
1517-22-2	Phenanthrene-d10	512255	17.163				
1719-03-5	Chrysene-d12	446793	21.651				
1520-96-3	Perylene-d12	509951	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	20	J			5.028	
000541-73-1	Benzene, 1,3-dichloro-	4.7	J			7.528	
000106-46-7	Benzene, 1,4-dichloro-	21	J			8.01	
000106-39-8	Benzene, 1-bromo-4-chloro-	8.4	J			9.116	
032768-54-0	Benzene, 1,2-dichloro-3-methyl-	2.2	J			9.393	
000108-37-2	Benzene, 1-bromo-3-chloro-	5	J			9.428	
000087-61-6	Benzene, 1,2,3-trichloro-	860	J			10.293	
000120-82-1	Benzene, 1,2,4-trichloro-	290	J			10.804	
000121-73-3	Benzene, 1-chloro-3-nitro-	12	J			11.034	
000088-73-3	Benzene, 1-chloro-2-nitro-	3.2	J			11.251	
000089-64-5	4-Chloro-2-nitrophenol	3.8	J			11.74	
000609-89-2	Phenol, 2,4-dichloro-6-nitro-	2.7	J			13.786	
	unknown-01	4.2	J			18.598	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	MC0R82	SDG No.:	BP042024
Lab Sample ID:	P2161-16	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
BP020057.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	J	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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	MC0R82	SDG No.:	BP042024
Lab Sample ID:	P2161-16	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
BP020057.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

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:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	MC0R82	SDG No.:	BP042024
Lab Sample ID:	P2161-16	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
BP020057.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

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							
7291-22-7	Pyridine-d5	13.447		20-120		34	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.392		15-120		55	SPK: -8
4165-62-2	Phenol-d5	6.67		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.134		25-120		105	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.211		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	18.265		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	43.564		20-125		109	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.626		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.241		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.822		1-146		97	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.815		25-130		120	SPK: -40
93951-97-4	Acenaphthylene-d8	42.33		10-130		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.161		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	44.921		25-125		112	SPK: -40

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	MC0R82	SDG No.:	BP042024
Lab Sample ID:	P2161-16	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
BP020057.D	1	4/18/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.234		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	45.836		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	57.982	*	15-130		145	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.061		20-130		123	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98667	7.64				
1146-65-2	Naphthalene-d8	435532	10.416				
15067-26-2	Acenaphthene-d10	319668	14.316				
1517-22-2	Phenanthrene-d10	701790	17.163				
1719-03-5	Chrysene-d12	518826	21.657				
1520-96-3	Perylene-d12	545412	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	6.2	J			7.699	
000090-05-1	Phenol, 2-methoxy-	11	J			8.722	
000093-51-6	Creosol	2.1	J			10.334	
000121-33-5	Vanillin	7.5	J			13.24	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.8	J			17.863	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BP042024
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP020058.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.2	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.2	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.2	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.2	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.2	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BP042024
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP020058.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.2	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.2	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.2	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.2	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52.2	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.2	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BP042024
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP020058.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.2	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.172		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	2.748	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	0.148	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.71		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.675	*	15-120		2	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	17.2		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.557		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.265	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.543		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.191		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	0.26	*	15-120		1	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.905	*	10-150		5	SPK: -40
81103-79-9	Fluorene-d10	5.291	*	20-140		13	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BP042024
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BP020058.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.966		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	0.39	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.051	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.046	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78115	7.64				
1146-65-2	Naphthalene-d8	312659	10.416				
15067-26-2	Acenaphthene-d10	220005	14.322				
1517-22-2	Phenanthrene-d10	491987	17.157				
1719-03-5	Chrysene-d12	496141	21.657				
1520-96-3	Perylene-d12	560047	25.051				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.128	
000506-52-5	1-Hexacosanol	96	J			21.339	
057866-08-7	Tetracosanal	170	J			23.721	
	(DEL) Alkane: Cyclic	450	J			24.292	
E966796	Total Alkanes	450				99	ug/Kg



Client:			Date Collected:	4/9/2024 12:00:00 AM	
Project:			Date Received:	4/9/2024 12:00:00 AM	
Client Sample ID:	C0AA3		SDG No.:	BP042024	
Lab Sample ID:	P2104-02		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	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
BP020059.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	90.4	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.4	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.4	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.4	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.4	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.4	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.4	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	90.4	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	90.4	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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BP042024
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BP020059.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	90.4	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.4	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.4	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	90.4	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.4	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	90.4	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.4	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	90.4	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.5	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BP042024
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BP020059.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	90.4	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	90.4	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	2.98		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.845	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	0.072	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.169		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.337	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.62	*	10-140		2	SPK: -40
4165-60-0	Nitrobenzene-d5	17.15		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.757		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.222	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.001	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.927		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	0.119	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.742	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	2.446	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BP042024
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BP020059.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.012		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	0.238	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.097	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.096	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96774	7.64				
1146-65-2	Naphthalene-d8	377243	10.416				
15067-26-2	Acenaphthene-d10	251480	14.316				
1517-22-2	Phenanthrene-d10	553192	17.157				
1719-03-5	Chrysene-d12	546059	21.651				
1520-96-3	Perylene-d12	613984	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.11	
000057-11-4	Octadecanoic acid	97	J			19.457	
	(DEL) Alkane: Cyclic	21.333	J			21.333	
E966796	Total Alkanes	87				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BP042024
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
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
BP020060.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	90.6	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.6	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.7	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.6	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.6	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.7	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.7	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.7	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.7	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.7	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BP042024
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
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
BP020060.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.7	190	ug/Kg
208-96-8	Acenaphthylene	79	J	35	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.6	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.6	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.6	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.7	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.7	190	ug/Kg
86-73-7	Fluorene	120	J	27	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.7	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.6	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.6	360	ug/Kg
85-01-8	Phenanthrene	120	J	32	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.7	190	ug/Kg
120-12-7	Anthracene	150	J	27	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.7	190	ug/Kg
86-74-8	Carbazole	140	J	31	90.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.7	190	ug/Kg
206-44-0	Fluoranthene	220		59	90.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BP042024
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
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
BP020060.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	94	J	30	46.7	190	ug/Kg
218-01-9	Chrysene	52	J	34	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	J	36	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.964		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.882	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	0.139	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.318		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.457	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.776	*	10-140		2	SPK: -40
4165-60-0	Nitrobenzene-d5	20.884		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.36		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.284	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.336		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.21		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	0.176	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.463	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	3.062	*	20-140		8	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BP042024
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
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
BP020060.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.123		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	0.337	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.115	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.152	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102107	7.64				
1146-65-2	Naphthalene-d8	419417	10.416				
15067-26-2	Acenaphthene-d10	283573	14.322				
1517-22-2	Phenanthrene-d10	580935	17.175				
1719-03-5	Chrysene-d12	519626	21.669				
1520-96-3	Perylene-d12	589422	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain15.198	85	J			15.198	
	(DEL) Alkane: Straight-Chain15.628	100	J			15.628	
	(DEL) Alkane: Straight-Chain16.116	210	J			16.116	
001730-37-6	9H-Fluorene, 1-methyl-	120	J			16.439	
000486-25-9	9H-Fluoren-9-one	890	J			16.822	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	100	J			16.892	
	(DEL) Alkane: Straight-Chain16.928	140	J			16.928	
	(DEL) Alkane: Straight-Chain16.981	170	J			16.981	
000260-94-6	Acridine	260	J			17.375	
	(DEL) Alkane: Straight-Chain17.716	160	J			17.716	
000090-44-8	Anthrone	170	J			17.792	
030084-90-3	2-Fluorencarboxaldehyde	110	J			17.886	
1000400-30-3	9-anthracenol	89	J			17.998	
000057-10-3	n-Hexadecanoic acid	390	J			18.128	
	(DEL) Alkane: Straight-Chain18.427	90	J			18.427	
029909-72-6	3-Phenyl-benzofuran	120	J			18.498	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	320	J			18.61	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BP042024
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
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
BP020060.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	2900	J			18.663	
005737-13-3	Cyclopenta(def)phenanthrenone	590	J			19.192	
000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	210	J			19.404	
001210-12-4	9-Anthracenecarbonitrile	120	J			19.433	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	200	J			19.48	
000084-54-8	9,10-Anthracenedione, 2-methyl-	450	J			19.545	
	unknown-01	170	J			19.722	
	unknown-02	120	J			19.78	
001015-89-0	6(5H)-Phenanthridinone	200	J			20.198	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.227	
006531-35-7	9,10-Anthracenedione, 2,3-dimethyl	93	J			20.333	
005315-79-7	1-Hydroxypyrene	160	J			20.727	
000479-79-8	11H-Benzo[a]fluoren-11-one	1500	J			21.033	
080252-14-8	6H-Benz[de]anthracen-6-one	630	J			21.216	
000082-05-3	7H-Benz[de]anthracen-7-one	2000	J			21.392	
	unknown-03	160	J			21.951	
037515-51-8	6-Chrysenol	150	J			22.174	
001090-13-7	5,12-Naphthacenedione	660	J			22.545	
002498-66-0	Benz(a)anthracene-7,12-dione	470	J			23.174	
1000276-19-4	Benzo[a]phenazine-9,10-dicarbonitr	250	J			27.827	
E966796	Total Alkanes	960				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BP042024
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020061.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.3	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.3	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.3	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.6	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.6	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.6	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.6	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.6	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BP042024
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020061.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.6	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.3	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.6	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.6	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.6	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	96.3	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.6	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.6	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.6	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BP042024
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020061.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.6	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.379		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	20.465		20-120		51	SPK: -40
4165-62-2	Phenol-d5	26.857		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.821		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.207		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.223		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.006		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.551		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.844		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.231		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.097		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.969		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.701		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	30.165		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BP042024
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020061.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.833		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	30.472		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	32.858		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.408		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106448	7.64				
1146-65-2	Naphthalene-d8	454815	10.41				
15067-26-2	Acenaphthene-d10	303143	14.316				
1517-22-2	Phenanthrene-d10	593018	17.157				
1719-03-5	Chrysene-d12	507866	21.663				
1520-96-3	Perylene-d12	578146	25.063				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			18.116	
006561-00-8	Androstan-17-ol, 4,4-dimethyl-, (5	94	J			18.828	
000057-11-4	Octadecanoic acid	88	J			19.463	
004452-45-3	1,14-Docosanediol	160	J			19.869	
1000459-71-5	8-[(4-Hydroxy-3-methoxyphenyl)meth	110	J			20.145	
133530-19-5	Z,Z-6,27-Hexatriacontadien-2-one	79	J			20.375	
	(DEL) Alkane: Straight-Chain20.680	140	J			20.68	
139328-80-6	Isolinderenolide	81	J			21.086	
	(DEL) Alkane: Cyclic21.339	390	J			21.339	
	(DEL) Alkane: Straight-Chain23.057	81	J			23.057	
E966796	Total Alkanes	610				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BP042024
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020062.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	49	U	49	89.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	46	U	46	89.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	89.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.9	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.1	360	ug/Kg
98-86-2	Acetophenone	43	U	43	89.1	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.9	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.9	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.9	180	ug/Kg
78-59-1	Isophorone	52	U	52	45.9	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.9	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.9	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	45.9	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	45.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BP042024
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020062.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	45.9	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.1	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.9	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.9	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	89.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	89.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	45.9	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.1	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	89.1	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.9	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.9	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	45.9	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	89.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BP042024
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020062.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.9	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	89.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	45.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.408		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	1.637	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	0.097	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.972		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.331	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.5	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	15.799		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.381		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.203	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.011	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.066		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	0.112	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.164	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	2.084	*	20-140		5	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BP042024
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020062.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.424		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	0.236	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.04	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.06	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133235	7.64				
1146-65-2	Naphthalene-d8	527733	10.416				
15067-26-2	Acenaphthene-d10	336212	14.316				
1517-22-2	Phenanthrene-d10	698274	17.163				
1719-03-5	Chrysene-d12	621086	21.668				
1520-96-3	Perylene-d12	686506	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			18.122	
000057-11-4	Octadecanoic acid	120	J			19.463	
155056-69-2	1,12-Bis(2-nitrophenoxy)dodecane	150	J			20.698	
	(DEL) Alkane: Cyclic	88	J			21.339	
1000373-94-5	1,1,6-trimethyl-3-methylene-2-(3,6	200	J			21.463	
E966796	Total Alkanes	88				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BP042024
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020063.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	250		12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	980		49	88.9	360	ug/Kg
110-86-1	Pyridine	160	J	36	180	360	ug/Kg
108-95-2	Phenol	46	U	46	88.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	860		43	88.9	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.8	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	850		65	88.9	360	ug/Kg
98-86-2	Acetophenone	860		43	88.9	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		55	45.8	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.8	180	ug/Kg
98-95-3	Nitrobenzene	840		33	45.8	180	ug/Kg
78-59-1	Isophorone	880		52	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	890		33	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	75	J	27	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890		46	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.8	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	150	J	26	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.8	180	ug/Kg
105-60-2	Caprolactam	880		78	88.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BP042024
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020063.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	220		26	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	610		44	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	960		31	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		47	45.8	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	730		47	88.9	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	540		52	88.9	360	ug/Kg
100-02-7	4-Nitrophenol	370		47	88.9	360	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	980		46	45.8	180	ug/Kg
84-66-2	Diethylphthalate	920		32	45.8	180	ug/Kg
86-73-7	Fluorene	77	J	27	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300		22	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	980		33	88.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	680		83	88.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	470		36	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250		31	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.8	180	ug/Kg
1912-24-9	Atrazine	1000		77	88.9	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	88.9	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.8	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.8	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	1000		66	45.8	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BP042024
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020063.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	1100		91	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	J	52	88.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.8	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		100	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		82	88.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	45.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.111		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	3.768	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	0.172	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.752		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.454	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	1.021	*	10-140		3	SPK: -40
4165-60-0	Nitrobenzene-d5	21.076		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.332		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.314	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.502		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.365		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	0.147	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.634		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	2.378	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BP042024
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020063.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.107		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	22.321		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	0.137	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.065	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163620	7.64				
1146-65-2	Naphthalene-d8	652949	10.41				
15067-26-2	Acenaphthene-d10	372440	14.322				
1517-22-2	Phenanthrene-d10	690849	17.163				
1719-03-5	Chrysene-d12	587634	21.669				
1520-96-3	Perylene-d12	662211	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BP042024
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.07 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
BP020064.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	900		48	88.9	360	ug/Kg
110-86-1	Pyridine	170	J	36	180	360	ug/Kg
108-95-2	Phenol	46	U	46	88.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	790		43	88.9	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.8	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770		65	88.9	360	ug/Kg
98-86-2	Acetophenone	750		43	88.9	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740		55	45.8	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.8	180	ug/Kg
98-95-3	Nitrobenzene	810		33	45.8	180	ug/Kg
78-59-1	Isophorone	840		52	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	830		33	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	63	J	27	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	820		46	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.8	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	190	J	26	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.8	180	ug/Kg
105-60-2	Caprolactam	920		78	88.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	26	J	25	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BP042024
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.07 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
BP020064.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	200		26	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	580		44	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	870		31	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		47	45.8	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	750		47	88.9	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	440		52	88.9	360	ug/Kg
100-02-7	4-Nitrophenol	360		47	88.9	360	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		46	45.8	180	ug/Kg
84-66-2	Diethylphthalate	900		32	45.8	180	ug/Kg
86-73-7	Fluorene	79	J	27	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	310		22	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	1100		33	88.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	540		83	88.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	420		36	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230		31	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.8	180	ug/Kg
1912-24-9	Atrazine	1000		76	88.9	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	88.9	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.8	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.8	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	1000		66	45.8	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BP042024
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.07 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
BP020064.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	1100		91	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	52	88.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.8	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		100	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	990		82	88.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	45.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.544		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.186	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	0.127	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.438		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.394	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.863	*	10-140		2	SPK: -40
4165-60-0	Nitrobenzene-d5	20.739		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.464		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.299	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.578		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.702		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	0.123	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.465		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	2.505	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BP042024
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.07 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
BP020064.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.829		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	0.275	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.121	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.072	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132199	7.64				
1146-65-2	Naphthalene-d8	472796	10.416				
15067-26-2	Acenaphthene-d10	314058	14.322				
1517-22-2	Phenanthrene-d10	682744	17.175				
1719-03-5	Chrysene-d12	607703	21.68				
1520-96-3	Perylene-d12	686586	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BP042024
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BP020065.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.4	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.4	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	94.4	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	94.4	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:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BP042024
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BP020065.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	94.4	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	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	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.4	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	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.4	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	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	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BP042024
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BP020065.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	94.4	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	94.4	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	2.629		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	1.586	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	0.087	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.953		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.34	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.51	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	18.218		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.623		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.252	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.24		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.753		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	0.14	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.076	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	2.243	*	20-140		6	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BP042024
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BP020065.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.048		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	0.243	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.066	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.093	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139159	7.64				
1146-65-2	Naphthalene-d8	567508	10.422				
15067-26-2	Acenaphthene-d10	339511	14.328				
1517-22-2	Phenanthrene-d10	627050	17.175				
1719-03-5	Chrysene-d12	556017	21.663				
1520-96-3	Perylene-d12	632016	25.068				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	2500	J			21.051	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	160	J			21.345	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BP042024
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020066.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

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	98.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.7	390	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	50.8	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.7	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.8	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	50.8	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.8	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.8	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.8	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.8	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.8	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	50.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	50.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BP042024
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020066.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.8	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.8	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.8	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.7	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.7	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.8	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.8	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.8	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.8	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.8	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.7	390	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	98.7	390	ug/Kg
85-01-8	Phenanthrene	35	U	35	50.8	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.8	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.8	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.8	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	98.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BP042024
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020066.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	50.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.8	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.152		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	1.046	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	0.077	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.16		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.31	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.444	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	15.09		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.109		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.221	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.361		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.706		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	0.118	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.662	*	10-150		2	SPK: -40
81103-79-9	Fluorene-d10	2.024	*	20-140		5	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BP042024
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020066.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.565		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	0.347	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.112	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.11	*	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139154	7.646				
1146-65-2	Naphthalene-d8	575584	10.416				
15067-26-2	Acenaphthene-d10	352227	14.316				
1517-22-2	Phenanthrene-d10	639305	17.163				
1719-03-5	Chrysene-d12	567630	21.669				
1520-96-3	Perylene-d12	630742	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			18.128	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	140	J			21.045	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BP042024
Lab Sample ID:	PB160401BS	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
BP020067.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	34		1.1	5	10	ug/L
110-86-1	Pyridine	30		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		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)	30		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		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	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	31		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.1	2.5	5	ug/L
91-20-3	Naphthalene	32		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	31		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.5	2.5	5	ug/L
105-60-2	Caprolactam	35		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BP042024
Lab Sample ID:	PB160401BS	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
BP020067.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		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	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		1.6	5	10	ug/L
83-32-9	Acenaphthene	32		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	22		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	23		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	36		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	35		1.9	5	10	ug/L
85-01-8	Phenanthrene	33		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	38		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BP042024
Lab Sample ID:	PB160401BS	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
BP020067.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		1.1	2.5	5	ug/L
218-01-9	Chrysene	34		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		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	36		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	37		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.46		15-120		93	SPK: -8
7291-22-7	Pyridine-d5	29.473		20-120		74	SPK: -40
4165-62-2	Phenol-d5	31.756		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.229		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.997		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	30.854		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	36.18		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.717		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.786		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.284		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.36		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.194		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.587		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	33.345		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BP042024
Lab Sample ID:	PB160401BS	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
BP020067.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.188		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	33.897		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	38.635		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.104		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124430	7.64				
1146-65-2	Naphthalene-d8	476743	10.416				
15067-26-2	Acenaphthene-d10	306339	14.322				
1517-22-2	Phenanthrene-d10	645350	17.163				
1719-03-5	Chrysene-d12	549587	21.68				
1520-96-3	Perylene-d12	615705	25.086				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L



Client:				Date Collected:	4/19/2024 12:00:00 AM	
Project:				Date Received:	4/19/2024 12:00:00 AM	
Client Sample ID:	SBLK401			SDG No.:	BP042024	
Lab Sample ID:	PB160401BL			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
BP020069.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

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

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042024
Lab Sample ID:	PB160401BL	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
BP020069.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

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:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042024
Lab Sample ID:	PB160401BL	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
BP020069.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

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	6.668		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	32.968		20-120		82	SPK: -40
4165-62-2	Phenol-d5	36.4		10-130		91	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.903		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.407		20-130		96	SPK: -40
190780-66-6	4-Methylphenol-d8	36.112		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	39.625		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.515		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.826		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.311		1-146		91	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.795		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.505		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.721		10-150		102	SPK: -40
81103-79-9	Fluorene-d10	38.425		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BP042024
Lab Sample ID:	PB160401BL	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
BP020069.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.341		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	38.299		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	45.185		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.839		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110235	7.646				
1146-65-2	Naphthalene-d8	451990	10.422				
15067-26-2	Acenaphthene-d10	312302	14.322				
1517-22-2	Phenanthrene-d10	710258	17.163				
1719-03-5	Chrysene-d12	609140	21.669				
1520-96-3	Perylene-d12	672963	25.069				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042024
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020070.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	52	U	52	96.2	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.2	380	ug/Kg
98-86-2	Acetophenone	47	U	47	96.2	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.5	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.5	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.5	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.5	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042024
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020070.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.5	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	96.2	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.5	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.5	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.5	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	96.2	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.5	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.5	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042024
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020070.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.5	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.889		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.042	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.995		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.176	*	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.075	*	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	10.893		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.28		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.007	*	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.002	*	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.567		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	0.089	*	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.01	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	1.43	*	20-140		4	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BP042024
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020070.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.307	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	0.284	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.164	*	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.209	*	10-140		1	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130906	7.64				
1146-65-2	Naphthalene-d8	521875	10.416				
15067-26-2	Acenaphthene-d10	348790	14.328				
1517-22-2	Phenanthrene-d10	762294	17.169				
1719-03-5	Chrysene-d12	668243	21.669				
1520-96-3	Perylene-d12	742149	25.062				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			18.128	
	(DEL) Alkane: Cyclic	95	J			21.345	
E966796	Total Alkanes	95				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042024
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020071.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91.1	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91.1	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042024
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020071.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.1	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.1	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042024
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020071.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.9	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.852		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	20.125		20-120		50	SPK: -40
4165-62-2	Phenol-d5	26.465		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.666		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.929		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.912		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.327		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.409		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.399		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.695		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.166		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.031		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.595		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	25.881		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BP042024
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BP020071.D	1	4/12/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160221

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.453		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	27.072		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	30.557		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.967		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145330	7.64				
1146-65-2	Naphthalene-d8	608003	10.416				
15067-26-2	Acenaphthene-d10	377822	14.322				
1517-22-2	Phenanthrene-d10	703288	17.175				
1719-03-5	Chrysene-d12	617393	21.674				
1520-96-3	Perylene-d12	674765	25.086				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	78	J			3.499	
000057-10-3	n-Hexadecanoic acid	210	J			18.133	
000057-11-4	Octadecanoic acid	120	J			19.486	
	(DEL) Alkane: Straight-Chain	21.351	J			21.351	
E966796	Total Alkanes	150				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP042024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AA0								
P2104-01	C0AA0	Solid	(DEL) Alkane: Cyclic24.292	*	450.000	J		
P2104-01	C0AA0	Solid	1-Hexacosanol	*	96.000	J		
P2104-01	C0AA0	Solid	n-Hexadecanoic acid	*	160.000	J		
P2104-01	C0AA0	Solid	Tetracosanal	*	170.000	J		
P2104-01	C0AA0	Solid	Total Alkanes	*	450.000	29	210	ug/Kg
Total Tics :					1,326.00			
Total Concentration:					1,326.00			
Client ID : C0AA3								
P2104-02	C0AA3	Solid	(DEL) Alkane: Cyclic21.333	*	87.000	J		
P2104-02	C0AA3	Solid	n-Hexadecanoic acid	*	150.000	J		
P2104-02	C0AA3	Solid	Octadecanoic acid	*	97.000	J		
P2104-02	C0AA3	Solid	Total Alkanes	*	87.000	26	190	ug/Kg
Total Tics :					421.00			
Total Concentration:					421.00			
Client ID : C0AA5								
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain15.1	*	85.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain15.6	*	100.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain16.1	*	210.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain16.5	*	140.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain16.5	*	170.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain17.7	*	160.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain18.4	*	90.000	J		
P2104-03	C0AA5	Solid	1-Hydroxypyrene	*	160.000	J		
P2104-03	C0AA5	Solid	11H-Benzo[a]fluoren-11-one	*	1,500.000	J		
P2104-03	C0AA5	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2104-03	C0AA5	Solid	2-Fluorene-carboxaldehyde	*	110.000	J		
P2104-03	C0AA5	Solid	3-Phenyl-benzofuran	*	120.000	J		
P2104-03	C0AA5	Solid	4,4-Bis(tetrahydrothiopyran)	*	200.000	J		
P2104-03	C0AA5	Solid	4-(4-Methylphenyl)benzaldehyde	*	100.000	J		
P2104-03	C0AA5	Solid	5,12-Naphthacenedione	*	660.000	J		
P2104-03	C0AA5	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	320.000	J		
P2104-03	C0AA5	Solid	6(5H)-Phenanthridinone	*	200.000	J		
P2104-03	C0AA5	Solid	6-Chrysenol	*	150.000	J		
P2104-03	C0AA5	Solid	6H-Benz[de]anthracen-6-one	*	630.000	J		
P2104-03	C0AA5	Solid	7-Isopropenyl-1,4a-dimethyl-4,4a	*	210.000	J		
P2104-03	C0AA5	Solid	7H-Benz[de]anthracen-7-one	*	2,000.000	J		

Hit Summary Sheet SW-846

SDG No.: BP042024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-03	C0AA5	Solid	9,10-Anthracenedione	*	2,900.000	J		
P2104-03	C0AA5	Solid	9,10-Anthracenedione, 2,3-dimeth	*	93.000	J		
P2104-03	C0AA5	Solid	9,10-Anthracenedione, 2-methyl-	*	450.000	J		
P2104-03	C0AA5	Solid	9-Anthracenecarbonitrile	*	120.000	J		
P2104-03	C0AA5	Solid	9-anthracenol	*	89.000	J		
P2104-03	C0AA5	Solid	9H-Fluoren-9-one	*	890.000	J		
P2104-03	C0AA5	Solid	9H-Fluorene, 1-methyl-	*	120.000	J		
P2104-03	C0AA5	Solid	Acridine	*	260.000	J		
P2104-03	C0AA5	Solid	Anthrone	*	170.000	J		
P2104-03	C0AA5	Solid	Benz(a)anthracene-7,12-dione	*	470.000	J		
P2104-03	C0AA5	Solid	Benzo[a]phenazine-9,10-dicarbon	*	250.000	J		
P2104-03	C0AA5	Solid	Cyclopenta(def)phenanthrenone	*	590.000	J		
P2104-03	C0AA5	Solid	n-Hexadecanoic acid	*	390.000	J		
P2104-03	C0AA5	Solid	unknown-01	*	170.000	J		
P2104-03	C0AA5	Solid	unknown-02	*	120.000	J		
P2104-03	C0AA5	Solid	unknown-03	*	160.000	J		
P2104-03	C0AA5	Solid	Total Alkanes	*	960.000	J	26	190 ug/Kg
Total Tics :					15,627.00			
P2104-03	C0AA5	Solid	Acenaphthylene		79.000	J	35	190 ug/Kg
P2104-03	C0AA5	Solid	Anthracene		150.000	J	27	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(a)anthracene		94.000	J	30	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(b)fluoranthene		57.000	J	36	190 ug/Kg
P2104-03	C0AA5	Solid	Carbazole		140.000	J	31	360 ug/Kg
P2104-03	C0AA5	Solid	Chrysene		52.000	J	34	190 ug/Kg
P2104-03	C0AA5	Solid	Fluoranthene		220.000	J	59	190 ug/Kg
P2104-03	C0AA5	Solid	Fluorene		120.000	J	27	190 ug/Kg
P2104-03	C0AA5	Solid	Phenanthrene		120.000	J	32	190 ug/Kg
Total Svoc :					1,032.00			
Total Concentration:					16,659.00			
Client ID : C0AA6								
P2104-04	C0AA6	Solid	(DEL) Alkane: Cyclic21.339	*	390.000	J		
P2104-04	C0AA6	Solid	(DEL) Alkane: Straight-Chain20.(	*	140.000	J		
P2104-04	C0AA6	Solid	(DEL) Alkane: Straight-Chain23.(	*	81.000	J		
P2104-04	C0AA6	Solid	1,14-Docosanediol	*	160.000	J		
P2104-04	C0AA6	Solid	8-[(4-Hydroxy-3-methoxyphenyl)	*	110.000	J		
P2104-04	C0AA6	Solid	Androstan-17-ol, 4,4-dimethyl-, (:	*	94.000	J		
P2104-04	C0AA6	Solid	Isolinderenolide	*	81.000	J		
P2104-04	C0AA6	Solid	n-Hexadecanoic acid	*	210.000	J		
P2104-04	C0AA6	Solid	Octadecanoic acid	*	88.000	J		
P2104-04	C0AA6	Solid	Z,Z-6,27-Hexatriactontadien-2-on	*	79.000	J		

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SDG No.: BP042024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-04	C0AA6	Solid	Total Alkanes	*	610.000	28	200	ug/Kg
Total Tics :					2,043.00			
Total Concentration:					2,043.00			
Client ID : C0AA7								
P2104-05	C0AA7	Solid	(DEL) Alkane: Cyclic21.339	*	88.000	J		
P2104-05	C0AA7	Solid	1,1,6-trimethyl-3-methylene-2-(3,	*	200.000	J		
P2104-05	C0AA7	Solid	1,12-Bis(2-nitrophenoxy)dodecan	*	150.000	J		
P2104-05	C0AA7	Solid	n-Hexadecanoic acid	*	140.000	J		
P2104-05	C0AA7	Solid	Octadecanoic acid	*	120.000	J		
P2104-05	C0AA7	Solid	Total Alkanes	*	88.000	26	180	ug/Kg
Total Tics :					786.00			
Total Concentration:					786.00			
Client ID : C0AA8								
P2104-08	C0AA8	Solid	Pentadecafluorooctanoic acid, hex	*	160.000	J		
P2104-08	C0AA8	Solid	Phosphoric acid, tris(2-ethylhexyl	*	2,500.000	J		
P2104-08	C0AA8	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :					2,660.00			
Total Concentration:					2,660.00			
Client ID : C0AA9								
P2104-09	C0AA9	Solid	n-Hexadecanoic acid	*	120.000	J		
P2104-09	C0AA9	Solid	Phosphoric acid, tris(2-ethylhexyl	*	140.000	J		
P2104-09	C0AA9	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :					260.00			
Total Concentration:					260.00			
Client ID : C0AB0								
P2104-10	C0AB0	Solid	(DEL) Alkane: Cyclic21.345	*	95.000	J		
P2104-10	C0AB0	Solid	n-Hexadecanoic acid	*	120.000	J		
P2104-10	C0AB0	Solid	Total Alkanes	*	95.000	28	200	ug/Kg
Total Tics :					310.00			
Total Concentration:					310.00			
Client ID : C0AB1								
P2104-11	C0AB1	Solid	(DEL) Alkane: Straight-Chain21.3	*	150.000	J		
P2104-11	C0AB1	Solid	n-Hexadecanoic acid	*	210.000	J		
P2104-11	C0AB1	Solid	Octadecanoic acid	*	120.000	J		
P2104-11	C0AB1	Solid	Propylene Glycol	*	78.000	J		
P2104-11	C0AB1	Solid	Total Alkanes	*	150.000	26	190	ug/Kg
Total Tics :					708.00			
Total Concentration:					708.00			

Hit Summary Sheet SW-846

SDG No.: BP042024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SVOC-GPC2-BLANK								
P2115-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	72	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0R93								
P2161-05	C0R93	Water	n-Hexadecanoic acid	*	3.200	J		
P2161-05	C0R93	Water	Octadecanoic acid	*	2.900	J		
P2161-05	C0R93	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			6.10		
			Total Concentration:			6.10		
Client ID : C0RB3								
P2161-06	C0RB3	Water	n-Hexadecanoic acid	*	2.500	J		
P2161-06	C0RB3	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			2.50		
			Total Concentration:			2.50		
Client ID : C0RJ8								
P2161-07	C0RJ8	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : MC0RB4								
P2161-08	MC0RB4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0R88								
P2161-09	C0R88	Water	1-Hexanol, 2-ethyl-	*	5.600	J		
P2161-09	C0R88	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.200	J		
P2161-09	C0R88	Water	Phenol, 2-methoxy-	*	11.000	J		
P2161-09	C0R88	Water	Vanillin	*	7.900	J		
P2161-09	C0R88	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			31.70		
P2161-09	C0R88	Water	4-Chloro-3-methylphenol		1.900	J 1.6	5	ug/L
			Total Svoc :			1.90		
			Total Concentration:			33.60		
Client ID : C0RB7								
P2161-10	C0RB7	Water	(DEL) Alkane: Straight-Chain21.2	*	2.100	J		
P2161-10	C0RB7	Water	Benzene, 1,3,5-trichloro-	*	6.900	J		
P2161-10	C0RB7	Water	Benzene, 1,3-dichloro-	*	52.000	J		
P2161-10	C0RB7	Water	Benzene, 1,4-dichloro-	*	4.400	J		

Hit Summary Sheet SW-846

SDG No.: BP042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2161-10	C0RB7	Water	Benzene, chloro-	*	110.000	J		
P2161-10	C0RB7	Water	n-Hexadecanoic acid	*	2.700	J		
P2161-10	C0RB7	Water	Total Alkanes	*	2.100	1.1	5.1	ug/L
Total Tics :					180.20			
Total Concentration:					180.20			
Client ID : C0RC6								
P2161-11	C0RC6	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : MC0R81								
P2161-12	MC0R81	Water	1-Hexanol, 2-ethyl-	*	6.200	J		
P2161-12	MC0R81	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.700	J		
P2161-12	MC0R81	Water	Creosol	*	2.200	J		
P2161-12	MC0R81	Water	Phenol, 2-methoxy-	*	12.000	J		
P2161-12	MC0R81	Water	Vanillin	*	8.300	J		
P2161-12	MC0R81	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					34.40			
P2161-12	MC0R81	Water	4-Chloro-3-methylphenol		2.100	J 1.6	5.1	ug/L
Total Svoc :					2.10			
Total Concentration:					36.50			
Client ID : C0RC8								
P2161-13	C0RC8	Water	Benzene, 1,2,3-trichloro-	*	72.000	J		
P2161-13	C0RC8	Water	Benzene, 1,2,4-trichloro-	*	510.000	J		
P2161-13	C0RC8	Water	Benzene, 1,2-dichloro-	*	16.000	J		
P2161-13	C0RC8	Water	Benzene, 1,4-dichloro-	*	20.000	J		
P2161-13	C0RC8	Water	Benzene, 1-chloro-2-nitro-	*	16.000	J		
P2161-13	C0RC8	Water	Benzene, 1-chloro-3-nitro-	*	55.000	J		
P2161-13	C0RC8	Water	Benzene, chloro-	*	23.000	J		
P2161-13	C0RC8	Water	n-Hexadecanoic acid	*	2.900	J		
P2161-13	C0RC8	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					714.90			
P2161-13	C0RC8	Water	1,2,3,4-Tetrachlorobenzene		20.000	1.7	5	ug/L
P2161-13	C0RC8	Water	1,2,4,5-Tetrachlorobenzene		18.000	1.4	5	ug/L
P2161-13	C0RC8	Water	Nitrobenzene		300.000	E 1.4	5	ug/L
Total Svoc :					338.00			
Total Concentration:					1,052.90			
Client ID : C0RC9								
P2161-14	C0RC9	Water	Benzene, 1,2,3-trichloro-	*	2.100	J		
P2161-14	C0RC9	Water	Benzene, chloro-	*	2.400	J		

Hit Summary Sheet SW-846

SDG No.: BP042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2161-14	C0RC9	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						4.50		
Total Concentration:						4.50		
Client ID : C0RE4								
P2161-15	C0RE4	Water	4-Chloro-2-nitrophenol	*	3.800	J		
P2161-15	C0RE4	Water	Benzene, 1,2,3-trichloro-	*	860.000	J		
P2161-15	C0RE4	Water	Benzene, 1,2,4-trichloro-	*	290.000	J		
P2161-15	C0RE4	Water	Benzene, 1,2-dichloro-3-methyl-	*	2.200	J		
P2161-15	C0RE4	Water	Benzene, 1,3-dichloro-	*	4.700	J		
P2161-15	C0RE4	Water	Benzene, 1,4-dichloro-	*	21.000	J		
P2161-15	C0RE4	Water	Benzene, 1-bromo-3-chloro-	*	5.000	J		
P2161-15	C0RE4	Water	Benzene, 1-bromo-4-chloro-	*	8.400	J		
P2161-15	C0RE4	Water	Benzene, 1-chloro-2-nitro-	*	3.200	J		
P2161-15	C0RE4	Water	Benzene, 1-chloro-3-nitro-	*	12.000	J		
P2161-15	C0RE4	Water	Benzene, chloro-	*	20.000	J		
P2161-15	C0RE4	Water	Phenol, 2,4-dichloro-6-nitro-	*	2.700	J		
P2161-15	C0RE4	Water	unknown-01	*	4.200	J		
P2161-15	C0RE4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						1,237.20		
P2161-15	C0RE4	Water	1,2,3,4-Tetrachlorobenzene		52.000	1.7	5	ug/L
P2161-15	C0RE4	Water	1,2,4,5-Tetrachlorobenzene		17.000	1.4	5	ug/L
P2161-15	C0RE4	Water	Nitrobenzene		29.000	1.4	5	ug/L
P2161-15	C0RE4	Water	Pentachlorobenzene		2.100	J 1.7	5	ug/L
Total Svoc :						100.10		
Total Concentration:						1,337.30		
Client ID : MC0R82								
P2161-16	MC0R82	Water	1-Hexanol, 2-ethyl-	*	6.200	J		
P2161-16	MC0R82	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.800	J		
P2161-16	MC0R82	Water	Creosol	*	2.100	J		
P2161-16	MC0R82	Water	Phenol, 2-methoxy-	*	11.000	J		
P2161-16	MC0R82	Water	Vanillin	*	7.500	J		
P2161-16	MC0R82	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						32.60		
P2161-16	MC0R82	Water	4-Chloro-3-methylphenol		2.000	J 1.6	5	ug/L
Total Svoc :						2.00		
Total Concentration:						34.60		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP041924 SAS No.: BP041924 SDG No.: BP041924

Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____

Calibration Time(s): 16:05 : _____

LAB FILE ID:		RRFAL1 = BP020030.D		RRFAL2 = BP020031.D		RRFAL3 = BP020032.D		
		RRFAL4 = BP020033.D		RRFAL5 = BP020034.D		RRFAL6 = BP020035.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.560	0.560	0.585	0.525	0.513		0.549	5.3
Benzaldehyde		1.060	1.278	1.162	0.991	0.719	1.042	20.2
Pyridine		1.378	1.544	1.491	1.523	1.503	1.488	4.4
Hexachloroethane	0.592	0.598	0.646	0.629	0.622		0.617	3.6
Nitrobenzene	0.419	0.456	0.498	0.484	0.487		0.469	6.8
Isophorone	0.802	0.837	0.919	0.884	0.909		0.870	5.7
2-Nitrophenol	0.140	0.153	0.176	0.177	0.182		0.166	11.1
2,4-Dimethylphenol	0.375	0.378	0.421	0.402	0.405		0.396	4.9
Bis(2-Chloroethoxy)methane	0.451	0.475	0.518	0.496	0.500		0.488	5.3
2,4-Dichlorophenol	0.266	0.283	0.324	0.313	0.317		0.300	8.3
Naphthalene	1.023	1.028	1.090	1.031	1.014		1.037	2.9
4-Chloroaniline		0.398	0.428	0.412	0.416	0.389	0.409	3.7
Hexachlorobutadiene	0.246	0.241	0.262	0.246	0.240		0.247	3.5
Phenol		1.658	1.878	1.852	1.964	1.833	1.837	6.1
Caprolactam		0.088	0.099	0.089	0.100	0.095	0.094	5.9
4-Chloro-3-methylphenol	0.329	0.333	0.378	0.368	0.393		0.360	7.8
1-Methylnaphthalene	0.688	0.700	0.737	0.711	0.719		0.711	2.7
2-Methylnaphthalene	0.693	0.708	0.750	0.713	0.716		0.716	2.9
Hexachlorocyclopentadiene		0.279	0.345	0.394	0.408	0.451	0.375	17.6
2,4,6-Trichlorophenol	0.337	0.369	0.412	0.416	0.418		0.391	9.3
2,4,5-Trichlorophenol	0.363	0.384	0.423	0.423	0.437		0.406	7.6
1,1-Biphenyl	1.335	1.410	1.480	1.507	1.437		1.434	4.7
2-Chloronaphthalene	1.080	1.146	1.207	1.180	1.116		1.145	4.4
2-Nitroaniline	0.305	0.335	0.400	0.408	0.413		0.372	13.1
Bis(2-Chloroethyl)ether		1.406	1.561	1.530	1.542	1.461	1.500	4.3
Dimethylphthalate	1.362	1.414	1.500	1.368	1.374		1.404	4.1
2,6-Dinitrotoluene	0.217	0.242	0.294	0.281	0.290		0.265	12.9
Acenaphthylene	1.719	1.838	1.912	1.885	1.827		1.836	4.0
3-Nitroaniline		0.228	0.284	0.253	0.245	0.244	0.251	8.1
Acenaphthene	1.161	1.214	1.248	1.238	1.191		1.211	2.9
2,4-Dinitrophenol		0.120	0.154	0.152	0.172	0.199	0.159	18.2
4-Nitrophenol		0.186	0.247	0.238	0.237	0.277	0.237	13.8
Dibenzofuran	1.642	1.709	1.750	1.645	1.611		1.671	3.4
2,4-Dinitrotoluene	0.326	0.365	0.414	0.386	0.384		0.375	8.7
Diethylphthalate	1.322	1.430	1.558	1.378	1.360		1.409	6.5
2-Chlorophenol	1.142	1.189	1.319	1.300	1.320		1.254	6.6

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.: BP041924 SAS No.: BP041924 SDG No.: BP041924

Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____

Calibration Time(s): 16:05 _____

LAB FILE ID:		RRFAL1 = BP020030.D		RRFAL2 = BP020031.D		RRFAL3 = BP020032.D		
		RRFAL4 = BP020033.D		RRFAL5 = BP020034.D		RRFAL6 = BP020035.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.332	1.407	1.475	1.358	1.333		1.381	4.4
4-Chlorophenyl-phenylether	0.726	0.751	0.797	0.733	0.744		0.750	3.7
4-Nitroaniline		0.203	0.260	0.224	0.203	0.224	0.223	10.5
4,6-Dinitro-2-methylphenol		0.094	0.123	0.121	0.132	0.136	0.121	13.4
N-Nitrosodiphenylamine	0.502	0.519	0.581	0.570	0.595		0.553	7.4
1,2,4,5-Tetrachlorobenzene	0.582	0.644	0.670	0.701	0.662		0.652	6.8
4-Bromophenyl-phenylether	0.197	0.203	0.228	0.226	0.243		0.219	8.7
Hexachlorobenzene	0.219	0.221	0.246	0.243	0.258		0.237	7.1
Atrazine		0.193	0.218	0.205	0.199	0.201	0.203	4.5
Pentachlorophenol		0.117	0.146	0.146	0.152	0.159	0.144	11.1
2-Methylphenol		1.215	1.382	1.362	1.456	1.316	1.346	6.6
Phenanthrene	1.007	1.002	1.099	1.047	1.038		1.038	3.7
Pentachlorobenzene	0.266	0.273	0.300	0.315	0.338		0.298	9.9
Anthracene	1.027	1.002	1.143	1.078	1.045		1.059	5.2
1,2,3,4-Tetrachlorobenzene	0.269	0.286	0.317	0.351	0.363		0.317	12.7
Carbazole		0.877	0.991	0.919	0.837	0.914	0.908	6.3
Di-n-butylphthalate	1.002	1.052	1.237	1.143	1.041		1.095	8.6
Fluoranthene	1.155	1.232	1.330	1.277	1.324		1.264	5.7
Pyrene	1.239	1.294	1.364	1.335	1.341		1.315	3.7
Butylbenzylphthalate	0.417	0.473	0.545	0.544	0.528		0.501	11.1
3,3-Dichlorobenzidine		0.412	0.475	0.463	0.445	0.415	0.442	6.4
2,2-oxybis(1-Chloropropane)		2.122	2.297	2.243	2.261	2.038	2.192	4.9
Benzo(a)anthracene	1.314	1.375	1.445	1.388	1.395		1.383	3.4
Chrysene	1.229	1.293	1.373	1.319	1.300		1.303	4.0
Bis(2-ethylhexyl)phthalate	0.668	0.734	0.846	0.821	0.795		0.773	9.3
Di-n-octyl phthalate		1.132	1.304	1.248	1.233	1.263	1.236	5.2
Benzo(b)fluoranthene	1.120	1.161	1.282	1.218	1.246		1.205	5.4
Benzo(k)fluoranthene	1.201	1.197	1.289	1.251	1.241		1.236	3.1
Benzo(a)pyrene	1.091	1.124	1.241	1.169	1.183		1.162	5.0
Indeno(1,2,3-cd)pyrene	1.251	1.305	1.428	1.362	1.388		1.347	5.2
Dibenzo(a,h)anthracene	1.028	1.064	1.132	1.119	1.144		1.097	4.5
Benzo(g,h,i)perylene	1.008	1.035	1.136	1.090	1.116		1.077	5.0
Acetophenone		2.209	2.376	2.393	2.508	2.176	2.332	5.9
2,3,4,6-Tetrachlorophenol	0.312	0.352	0.378	0.353	0.363		0.352	6.9
1,4-Dioxane-d8	0.520	0.494	0.499	0.476	0.452		0.488	5.3
Pyridine-d5		1.293	1.456	1.470	1.486	1.480	1.437	5.7

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.: BP041924 SAS No.: BP041924 SDG No.: BP041924
Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____
Calibration Time(s): 16:05 _____

LAB FILE ID:		RRFAL1 = BP020030.D			RRFAL2 = BP020031.D		RRFAL3 = BP020032.D	
		RRFAL4 = BP020033.D			RRFAL5 = BP020034.D		RRFAL6 = BP020035.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.561	1.763	1.770	1.868	1.754	1.743	6.4
Bis-(2-Chloroethyl)ether-d8		1.168	1.262	1.240	1.246	1.175	1.218	3.6
2-Chlorophenol-d4	1.069	1.124	1.248	1.235	1.274		1.190	7.5
4-Methylphenol-d8		1.228	1.364	1.400	1.491	1.325	1.362	7.1
Nitrobenzene-d5	0.126	0.133	0.155	0.153	0.154		0.144	9.6
2-Nitrophenol-d4	0.133	0.142	0.161	0.167	0.175		0.156	11.3
2,4-Dichlorophenol-d3	0.278	0.288	0.331	0.318	0.329		0.309	7.9
4-Chloroaniline-d4		0.397	0.431	0.413	0.424	0.395	0.412	3.9
4-Methylphenol		1.251	1.478	1.466	1.584	1.383	1.432	8.7
Dimethylphthalate-d6	1.294	1.364	1.462	1.350	1.365		1.367	4.4
Acenaphthylene-d8	1.496	1.621	1.727	1.672	1.630		1.629	5.2
4-Nitrophenol-d4		0.156	0.220	0.211	0.211	0.243	0.208	15.5
Fluorene-d10	1.210	1.244	1.282	1.179	1.168		1.217	3.9
4,6-Dinitro-2-methylphenol-		0.093	0.116	0.117	0.127	0.131	0.117	12.6
Anthracene-d10	0.850	0.868	0.968	0.900	0.893		0.896	5.0
Pyrene-d10	0.992	1.041	1.131	1.091	1.119		1.075	5.4
Benzo(a)pyrene-d12	0.922	0.933	1.028	0.991	1.011		0.977	4.8
N-Nitroso-di-n-propylamine	1.208	1.293	1.404	1.409	1.498		1.362	8.3

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.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020611 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 11:26

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	92905	7.64	384799	10.41	258684	14.32
	UPPER LIMIT	185810	8.14	769598	10.91	517368	14.816
	LOWER LIMIT	46452.5	7.14	192399.5	9.91	129342	13.816
	EPA SAMPLE NO.						
01	SBLK383	112103	7.63	451451	10.41	307335	14.32
02	SBLK347	125068	7.64	514815	10.42	352813	14.32
03	SVOC-GPC2-BLANK	86593	7.64	360671	10.42	275070	14.32
04	C0R93	81649	7.64	343065	10.42	244104	14.32
05	C0RB3	77213	7.64	348899	10.42	252321	14.32
06	C0RJ8	78103	7.64	349680	10.42	241310	14.32
07	MC0RB4	78224	7.64	318313	10.42	211043	14.32
08	C0R88	72423	7.64	288608	10.42	203886	14.32
09	C0RB7	76915	7.63	306806	10.42	210171	14.31
10	C0RC6	100193	7.64	434496	10.41	311029	14.32
11	MC0R81	90895	7.64	391243	10.42	286165	14.32
12	C0RC8	87652	7.65	323469	10.42	216509	14.32
13	SLCS383	83459	7.64	345958	10.41	242055	14.31
14	SLCS384	83575	7.64	341965	10.41	226825	14.32
15	SBLK221	88191	7.63	372679	10.41	255156	14.32
16	C0RC9	94010	7.64	389914	10.41	266643	14.32
17	C0RE4	88773	7.65	363538	10.42	244631	14.32
18	MC0R82	98667	7.64	435532	10.42	319668	14.32
19	C0AA0	78115	7.64	312659	10.42	220005	14.32
20	C0AA3	96774	7.64	377243	10.42	251480	14.32
21	C0AA5	102107	7.64	419417	10.42	283573	14.32
22	C0AA6	106448	7.64	454815	10.41	303143	14.32
23	C0AA7	133235	7.64	527733	10.42	336212	14.32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020611 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 05:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	92905	7.64	384799	10.41	258684	14.32
UPPER LIMIT	185810	8.14	769598	10.91	517368	14.816
LOWER LIMIT	46452.5	7.14	192399.5	9.91	129342	13.816
EPA SAMPLE NO.						
24 C0AA7MS	163620	7.64	652949	10.41	372440	14.32
25 C0AA7MSD	132199	7.64	472796	10.42	314058	14.32
26 C0AA8	139159	7.64	567508	10.42	339511	14.33
27 C0AA9	139154	7.65	575584	10.42	352227	14.32
28 SLCS401	124430	7.64	476743	10.42	306339	14.32
29 SBLK401	110235	7.65	451990	10.42	312302	14.32
30 C0AB0	130906	7.64	521875	10.42	348790	14.33
31 C0AB1	145330	7.64	608003	10.42	377822	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020770 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020038.D Time Analyzed: 11:26

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	75214	7.64	311662	10.42	219915	14.32
UPPER LIMIT	150428	8.14	623324	10.916	439830	14.822
LOWER LIMIT	37607	7.14	155831	9.916	109957.5	13.822
EPA SAMPLE NO.						
01 SBLK383	112103	7.63	451451	10.41	307335	14.32
02 SBLK347	125068	7.64	514815	10.42	352813	14.32
03 SVOC-GPC2-BLANK	86593	7.64	360671	10.42	275070	14.32
04 C0R93	81649	7.64	343065	10.42	244104	14.32
05 C0RB3	77213	7.64	348899	10.42	252321	14.32
06 C0RJ8	78103	7.64	349680	10.42	241310	14.32
07 MC0RB4	78224	7.64	318313	10.42	211043	14.32
08 C0R88	72423	7.64	288608	10.42	203886	14.32
09 C0RB7	76915	7.63	306806	10.42	210171	14.31
10 C0RC6	100193	7.64	434496	10.41	311029	14.32
11 MC0R81	90895	7.64	391243	10.42	286165	14.32
12 C0RC8	87652	7.65	323469	10.42	216509	14.32
13 SLCS383	83459	7.64	345958	10.41	242055	14.31
14 SLCS384	83575	7.64	341965	10.41	226825	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020771 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020053.D Time Analyzed: 23:09

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	97072	7.64	394979	10.41	266063	14.32
UPPER LIMIT	194144	8.14	789958	10.91	532126	14.816
LOWER LIMIT	48536	7.14	197489.5	9.91	133031.5	13.816
EPA SAMPLE NO.						
01 SBLK221	88191	7.63	372679	10.41	255156	14.32
02 C0RC9	94010	7.64	389914	10.41	266643	14.32
03 C0RE4	88773	7.65	363538	10.42	244631	14.32
04 MC0R82	98667	7.64	435532	10.42	319668	14.32
05 C0AA0	78115	7.64	312659	10.42	220005	14.32
06 C0AA3	96774	7.64	377243	10.42	251480	14.32
07 C0AA5	102107	7.64	419417	10.42	283573	14.32
08 C0AA6	106448	7.64	454815	10.41	303143	14.32
09 C0AA7	133235	7.64	527733	10.42	336212	14.32
10 C0AA7MS	163620	7.64	652949	10.41	372440	14.32
11 C0AA7MSD	132199	7.64	472796	10.42	314058	14.32
12 C0AA8	139159	7.64	567508	10.42	339511	14.33
13 C0AA9	139154	7.65	575584	10.42	352227	14.32
14 SLCS401	124430	7.64	476743	10.42	306339	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020772 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BP020068.D Time Analyzed: 10:35

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	120880	7.64	480286	10.42	313151	14.32
UPPER LIMIT	241760	8.14	960572	10.916	626302	14.822
LOWER LIMIT	60440	7.14	240143	9.916	156575.5	13.822
EPA SAMPLE NO.						
01 SBLK401	110235	7.65	451990	10.42	312302	14.32
02 C0AB0	130906	7.64	521875	10.42	348790	14.33
03 C0AB1	145330	7.64	608003	10.42	377822	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020611 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 11:26

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	543121	17.157	549654	21.657	595828	25.051
	UPPER LIMIT	1086242	17.657	1099308	22.157	1191656	25.551
	LOWER LIMIT	271560.5	16.657	274827	21.157	297914	24.551
	EPA SAMPLE NO.						
01	SBLK383	646517	17.16	612005	21.67	672203	25.06
02	SBLK347	796141	17.16	783145	21.66	866262	25.06
03	SVOC-GPC2-BLANK	597490	17.17	411277	21.66	448947	25.05
04	C0R93	500886	17.16	421854	21.66	479168	25.06
05	C0RB3	525558	17.16	397306	21.67	445282	25.06
06	C0RJ8	541772	17.17	574819	21.67	662066	25.07
07	MC0RB4	458952	17.16	448180	21.66	494384	25.05
08	C0R88	471246	17.16	486850	21.65	536483	25.04
09	C0RB7	467481	17.15	489665	21.66	542630	25.05
10	C0RC6	663876	17.15	473205	21.66	533208	25.06
11	MC0R81	586961	17.16	438413	21.66	489038	25.05
12	C0RC8	474120	17.16	479252	21.67	534315	25.07
13	SLCS383	530447	17.16	519948	21.67	567840	25.06
14	SLCS384	489834	17.16	486143	21.66	531571	25.05
15	SBLK221	531794	17.18	500561	21.67	554413	25.06
16	C0RC9	552351	17.16	529305	21.67	599994	25.05
17	C0RE4	512255	17.16	446793	21.65	509951	25.05
18	MC0R82	701790	17.16	518826	21.66	545412	25.05
19	C0AA0	491987	17.16	496141	21.66	560047	25.05
20	C0AA3	553192	17.16	546059	21.65	613984	25.05
21	C0AA5	580935	17.18	519626	21.67	589422	25.07

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020611 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BP020032.D Time Analyzed: 04:11

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	543121	17.157	549654	21.657	595828	25.051
	UPPER LIMIT	1086242	17.657	1099308	22.157	1191656	25.551
	LOWER LIMIT	271560.5	16.657	274827	21.157	297914	24.551
	EPA SAMPLE NO.						
22	C0AA6	593018	17.16	507866	21.66	578146	25.06
23	C0AA7	698274	17.16	621086	21.67	686506	25.07
24	C0AA7MS	690849	17.16	587634	21.67	662211	25.07
25	C0AA7MSD	682744	17.18	607703	21.68	686586	25.08
26	C0AA8	627050	17.18	556017	21.66	632016	25.07
27	C0AA9	639305	17.16	567630	21.67	630742	25.07
28	SLCS401	645350	17.16	549587	21.68	615705	25.09
29	SBLK401	710258	17.16	609140	21.67	672963	25.07
30	C0AB0	762294	17.17	668243	21.67	742149	25.06
31	C0AB1	703288	17.18	617393	21.67	674765	25.09

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.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020770 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020038.D Time Analyzed: 11:26

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	503133	17.169	532595	21.669	592665	25.051
	UPPER LIMIT	1006266	17.669	1065190	22.169	1185330	25.551
	LOWER LIMIT	251566.5	16.669	266297.5	21.169	296332.5	24.551
	EPA SAMPLE NO.						
01	SBLK383	646517	17.16	612005	21.67	672203	25.06
02	SBLK347	796141	17.16	783145	21.66	866262	25.06
03	SVOC-GPC2-BLANK	597490	17.17	411277	21.66	448947	25.05
04	C0R93	500886	17.16	421854	21.66	479168	25.06
05	C0RB3	525558	17.16	397306	21.67	445282	25.06
06	C0RJ8	541772	17.17	574819	21.67	662066	25.07
07	MC0RB4	458952	17.16	448180	21.66	494384	25.05
08	C0R88	471246	17.16	486850	21.65	536483	25.04
09	C0RB7	467481	17.15	489665	21.66	542630	25.05
10	C0RC6	663876	17.15	473205	21.66	533208	25.06
11	MC0R81	586961	17.16	438413	21.66	489038	25.05
12	C0RC8	474120	17.16	479252	21.67	534315	25.07
13	SLCS383	530447	17.16	519948	21.67	567840	25.06
14	SLCS384	489834	17.16	486143	21.66	531571	25.05

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.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020771 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BP020053.D Time Analyzed: 23:09

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	564512	17.163	563465	21.663	608447	25.068
	UPPER LIMIT	1129024	17.663	1126930	22.163	1216894	25.568
	LOWER LIMIT	282256	16.663	281732.5	21.163	304223.5	24.568
	EPA SAMPLE NO.						
01	SBLK221	531794	17.18	500561	21.67	554413	25.06
02	C0RC9	552351	17.16	529305	21.67	599994	25.05
03	C0RE4	512255	17.16	446793	21.65	509951	25.05
04	MC0R82	701790	17.16	518826	21.66	545412	25.05
05	C0AA0	491987	17.16	496141	21.66	560047	25.05
06	C0AA3	553192	17.16	546059	21.65	613984	25.05
07	C0AA5	580935	17.18	519626	21.67	589422	25.07
08	C0AA6	593018	17.16	507866	21.66	578146	25.06
09	C0AA7	698274	17.16	621086	21.67	686506	25.07
10	C0AA7MS	690849	17.16	587634	21.67	662211	25.07
11	C0AA7MSD	682744	17.18	607703	21.68	686586	25.08
12	C0AA8	627050	17.18	556017	21.66	632016	25.07
13	C0AA9	639305	17.16	567630	21.67	630742	25.07
14	SLCS401	645350	17.16	549587	21.68	615705	25.09

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.: BP042024 SAS No.: BP042024 SDG NO.: BP042024

EPA Sample No.: SSTD020772 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BP020068.D Time Analyzed: 10:35

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	695761	17.169	593296	21.669	658621	25.068
UPPER LIMIT	1391522	17.669	1186592	22.169	1317242	25.568
LOWER LIMIT	347880.5	16.669	296648	21.169	329310.5	24.568
EPA SAMPLE NO.						
01 SBLK401	710258	17.16	609140	21.67	672963	25.07
02 C0AB0	762294	17.17	668243	21.67	742149	25.06
03 C0AB1	703288	17.18	617393	21.67	674765	25.09

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.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160383BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	34	ug/L	85				0	0		
	Pyridine	40	30	ug/L	75				0	0		
	Phenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	31	ug/L	78				0	0		
	Acetophenone	40	32	ug/L	80				0	0		
	4-Methylphenol	40	33	ug/L	83				0	0		
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0		
	Hexachloroethane	40	32	ug/L	80				0	0		
	Nitrobenzene	40	32	ug/L	80				0	0		
	Isophorone	40	33	ug/L	83				0	0		
	2-Nitrophenol	40	35	ug/L	88				0	0		
	2,4-Dimethylphenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0		
	2,4-Dichlorophenol	40	35	ug/L	88				0	0		
	Naphthalene	40	32	ug/L	80				0	0		
	4-Chloroaniline	40	30	ug/L	75				0	0		
	Hexachlorobutadiene	40	32	ug/L	80				0	0		
	Caprolactam	40	38	ug/L	95				0	0		
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0		
	1-Methylnaphthalene	40	34	ug/L	85				0	0		
	2-Methylnaphthalene	40	33	ug/L	83				0	0		
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0		
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0		
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0		
	1,1'-Biphenyl	40	32	ug/L	80				0	0		
	2-Chloronaphthalene	40	32	ug/L	80				0	0		
	2-Nitroaniline	40	37	ug/L	93				0	0		
	Dimethylphthalate	40	34	ug/L	85				0	0		
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0		
	Acenaphthylene	40	32	ug/L	80				0	0		
	3-Nitroaniline	40	36	ug/L	90				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	37	ug/L	93				0	0		
	4-Nitrophenol	40	38	ug/L	95				0	0		
	Dibenzofuran	40	34	ug/L	85				0	0		
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	40	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160383BS	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	32	ug/L	80				0	0		
	Atrazine	40	26	ug/L	65				0	0		
	Pentachlorophenol	40	34	ug/L	85				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	Carbazole	40	34	ug/L	85				0	0		
	Di-n-butylphthalate	40	34	ug/L	85				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	34	ug/L	85				0	0		
	Butylbenzylphthalate	40	35	ug/L	88				0	0		
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0		
	Di-n-octylphthalate	40	33	ug/L	83				0	0		
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0		
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160384BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	38	ug/L	95				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	34	ug/L	85				0	0	
	2-Chlorophenol	40	37	ug/L	93				0	0	
	2-Methylphenol	40	35	ug/L	88				0	0	
	2,2-oxybis(1-Chloropropane)	40	34	ug/L	85				0	0	
	Acetophenone	40	35	ug/L	88				0	0	
	4-Methylphenol	40	36	ug/L	90				0	0	
	N-Nitroso-di-n-propylamine	40	34	ug/L	85				0	0	
	Hexachloroethane	40	36	ug/L	90				0	0	
	Nitrobenzene	40	36	ug/L	90				0	0	
	Isophorone	40	35	ug/L	88				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	38	ug/L	95				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	32	ug/L	80				0	0	
	Hexachlorobutadiene	40	35	ug/L	88				0	0	
	Caprolactam	40	40	ug/L	100				0	0	
	4-Chloro-3-methylphenol	40	38	ug/L	95				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	28	ug/L	70				0	0	
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0	
	2,4,5-Trichlorophenol	40	39	ug/L	98				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	35	ug/L	88				0	0	
	2-Nitroaniline	40	41	ug/L	103				0	0	
	Dimethylphthalate	40	37	ug/L	93				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	40	ug/L	100				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	40	ug/L	100				0	0	
	4-Nitrophenol	40	41	ug/L	103				0	0	
	Dibenzofuran	40	36	ug/L	90				0	0	
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0	
	Diethylphthalate	40	37	ug/L	93				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	44	ug/L	110				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160384BS	4,6-Dinitro-2-methylphenol	40	39	ug/L	98				0	0		
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0		
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0		
	Hexachlorobenzene	40	35	ug/L	88				0	0		
	Atrazine	40	28	ug/L	70				0	0		
	Pentachlorophenol	40	36	ug/L	90				0	0		
	Phenanthrene	40	36	ug/L	90				0	0		
	Pentachlorobenzene	40	33	ug/L	83				0	0		
	Anthracene	40	34	ug/L	85				0	0		
	1,2,3,4-Tetrachlorobenzene	40	34	ug/L	85				0	0		
	Carbazole	40	38	ug/L	95				0	0		
	Di-n-butylphthalate	40	37	ug/L	93				0	0		
	Fluoranthene	40	36	ug/L	90				0	0		
	Pyrene	40	37	ug/L	93				0	0		
	Butylbenzylphthalate	40	39	ug/L	98				0	0		
	3,3'-Dichlorobenzidine	40	36	ug/L	90				0	0		
	Benzo(a)anthracene	40	37	ug/L	93				0	0		
	Chrysene	40	37	ug/L	93				0	0		
	Bis(2-ethylhexyl)phthalate	40	37	ug/L	93				0	0		
	Di-n-octylphthalate	40	36	ug/L	90				0	0		
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0		
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0		
	Benzo(a)pyrene	40	33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	40	36	ug/L	90				0	0		
	2,3,4,6-Tetrachlorophenol	40	39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160401BS	1,4-Dioxane	16	9.7	ug/L	61				0	0	
	Benzaldehyde	40	34	ug/L	85				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	37	ug/L	93				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	31	ug/L	78				0	0	
	Hexachlorobutadiene	40	34	ug/L	85				0	0	
	Caprolactam	40	35	ug/L	88				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	16	ug/L	40				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	37	ug/L	93				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	32	ug/L	80				0	0	
	3-Nitroaniline	40	39	ug/L	98				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	22	ug/L	55				0	0	
	4-Nitrophenol	40	36	ug/L	90				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	32	ug/L	80				0	0	
	4-Nitroaniline	40	44	ug/L	110				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160401BS	4,6-Dinitro-2-methylphenol	40	23	ug/L	58				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0		
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	36	ug/L	90				0	0		
	Pentachlorophenol	40	35	ug/L	88				0	0		
	Phenanthrene	40	33	ug/L	83				0	0		
	Pentachlorobenzene	40	32	ug/L	80				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	36	ug/L	90				0	0		
	Fluoranthene	40	38	ug/L	95				0	0		
	Pyrene	40	38	ug/L	95				0	0		
	Butylbenzylphthalate	40	39	ug/L	98				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	35	ug/L	88				0	0		
	Chrysene	40	34	ug/L	85				0	0		
	Bis(2-ethylhexyl)phthalate	40	37	ug/L	93				0	0		
	Di-n-octylphthalate	40	36	ug/L	90				0	0		
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	40	36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	37	ug/L	93				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK221

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020054.D

Lab Sample ID: PB160221BL

Instrument ID: BNA_P

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 23:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AB0	P2104-10	BP020070.D	04/21/2024
C0AB1	P2104-11	BP020071.D	04/21/2024
C0AA0	P2104-01	BP020058.D	04/21/2024
C0AA3	P2104-02	BP020059.D	04/21/2024
C0AA5	P2104-03	BP020060.D	04/21/2024
C0AA6	P2104-04	BP020061.D	04/21/2024
C0AA7	P2104-05	BP020062.D	04/21/2024
C0AA7MS	P2104-06MS	BP020063.D	04/21/2024
C0AA7MSD	P2104-07MSD	BP020064.D	04/21/2024
C0AA8	P2104-08	BP020065.D	04/21/2024
C0AA9	P2104-09	BP020066.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK347

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020040.D

Lab Sample ID: PB160347BL

Instrument ID: BNA_P

Date Extracted: 04/17/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 12:09

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020041.D

Lab Sample ID: P2115-10

Instrument ID: BNA_P

Date Extracted: 04/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 12:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2115-10	BP020041.D	04/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK383

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020039.D

Lab Sample ID: PB160383BL

Instrument ID: BNA_P

Date Extracted: 04/18/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160383BS	PB160383BS	BP020051.D	04/20/2024
C0R93	P2161-05	BP020042.D	04/20/2024
C0RB3	P2161-06	BP020043.D	04/20/2024
C0RJ8	P2161-07	BP020044.D	04/20/2024
MC0RB4	P2161-08	BP020045.D	04/20/2024
C0R88	P2161-09	BP020046.D	04/20/2024
C0RB7	P2161-10	BP020047.D	04/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0RC6

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020048.D

Lab Sample ID: P2161-11

Instrument ID: BNA_P

Date Extracted: 04/18/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 18:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0RC6	P2161-11	BP020048.D	04/20/2024
MC0R81	P2161-12	BP020049.D	04/20/2024
C0RC8	P2161-13	BP020050.D	04/20/2024
PB160384BS	PB160384BS	BP020052.D	04/20/2024
C0RC9	P2161-14	BP020055.D	04/20/2024
C0RE4	P2161-15	BP020056.D	04/21/2024
MC0R82	P2161-16	BP020057.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK401

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP042024

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020069.D

Lab Sample ID: PB160401BL

Instrument ID: BNA_P

Date Extracted: 04/19/2024

Matrix: (soil/water) Water

Date Analyzed: 04/21/2024

Level: (low/med) LOW

Time Analyzed: 10:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160401BS	PB160401BS	BP020067.D	04/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2104-06MS	Client Sample ID:	C0AA7MS				DataFile:	BP020063.D			
1,4-Dioxane	570		250	ug/Kg	44				15	120	
Benzaldehyde	1400		980	ug/Kg	70				0	0	
Pyridine	1400		160	ug/Kg	11				0	0	
Phenol	1400			ug/Kg	0	*			26	90	
Bis(2-chloroethyl)ether	1400		860	ug/Kg	61				0	0	
2-Chlorophenol	1400			ug/Kg	0	*			25	102	
2-Methylphenol	1400			ug/Kg	0				0	0	
2,2-oxybis(1-Chloropropane)	1400		850	ug/Kg	61				0	0	
Acetophenone	1400		860	ug/Kg	61				0	0	
4-Methylphenol	1400		0	ug/Kg	0				0	0	
N-Nitroso-di-n-propylamine	1400		850	ug/Kg	61				41	126	
Hexachloroethane	1400			ug/Kg	0				0	0	
Nitrobenzene	1400		840	ug/Kg	60				0	0	
Isophorone	1400		880	ug/Kg	63				0	0	
2-Nitrophenol	1400		890	ug/Kg	64				0	0	
2,4-Dimethylphenol	1400		75	ug/Kg	5				0	0	
Bis(2-chloroethoxy)methane	1400		890	ug/Kg	64				0	0	
2,4-Dichlorophenol	1400			ug/Kg	0				0	0	
Naphthalene	1400			ug/Kg	0				0	0	
4-Chloroaniline	1400		150	ug/Kg	11				0	0	
Hexachlorobutadiene	1400			ug/Kg	0				0	0	
Caprolactam	1400		880	ug/Kg	63				0	0	
4-Chloro-3-methylphenol	1400			ug/Kg	0	*			26	103	
1-Methylnaphthalene	1400			ug/Kg	0				0	0	
2-Methylnaphthalene	1400			ug/Kg	0				0	0	
Hexachlorocyclopentadiene	1400			ug/Kg	0				0	0	
2,4,6-Trichlorophenol	1400			ug/Kg	0				0	0	
2,4,5-Trichlorophenol	1400			ug/Kg	0				0	0	
1,1'-Biphenyl	1400		220	ug/Kg	16				0	0	
2-Chloronaphthalene	1400			ug/Kg	0				0	0	
2-Nitroaniline	1400		610	ug/Kg	44				0	0	
Dimethylphthalate	1400		960	ug/Kg	69				0	0	
2,6-Dinitrotoluene	1400		1000	ug/Kg	71				0	0	
Acenaphthylene	1400			ug/Kg	0				0	0	
3-Nitroaniline	1400		730	ug/Kg	52				0	0	
Acenaphthene	1400			ug/Kg	0	*			31	137	
2,4-Dinitrophenol	1400		540	ug/Kg	39				0	0	
4-Nitrophenol	1400		370	ug/Kg	26				11	114	
Dibenzofuran	1400			ug/Kg	0				0	0	
2,4-Dinitrotoluene	1400		980	ug/Kg	70				28	89	
Diethylphthalate	1400		920	ug/Kg	66				0	0	
Fluorene	1400		77	ug/Kg	6				0	0	
4-Chlorophenyl-phenylether	1400		300	ug/Kg	21				0	0	
4-Nitroaniline	1400		980	ug/Kg	70				0	0	
4,6-Dinitro-2-methylphenol	1400		680	ug/Kg	49				0	0	
N-Nitrosodiphenylamine	1400		470	ug/Kg	34				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400			ug/Kg	0				0	0	
4-Bromophenyl-phenylether	1400		250	ug/Kg	18				0	0	
Hexachlorobenzene	1400			ug/Kg	0				0	0	
Atrazine	1400		1000	ug/Kg	71				0	0	
Pentachlorophenol	1400			ug/Kg	0	*			17	109	
Phenanthrene	1400			ug/Kg	0				0	0	
Pentachlorobenzene	1400			ug/Kg	0				0	0	
Anthracene	1400			ug/Kg	0				0	0	
1,2,3,4-Tetrachlorobenzene	1400			ug/Kg	0				0	0	
Carbazole	1400			ug/Kg	0				0	0	
Di-n-butylphthalate	1400		1000	ug/Kg	71				0	0	
Fluoranthene	1400			ug/Kg	0				0	0	
Pyrene	1400			ug/Kg	0	*			35	142	
Butylbenzylphthalate	1400		1100	ug/Kg	79				0	0	
3,3'-Dichlorobenzidine	1400		240	ug/Kg	17				0	0	
Benzo(a)anthracene	1400			ug/Kg	0				0	0	
Chrysene	1400			ug/Kg	0				0	0	
Bis(2-ethylhexyl)phthalate	1400		1100	ug/Kg	79				0	0	
Di-n-octylphthalate	1400		1000	ug/Kg	71				0	0	
Benzo(b)fluoranthene	1400			ug/Kg	0				0	0	
Benzo(k)fluoranthene	1400			ug/Kg	0				0	0	
Benzo(a)pyrene	1400			ug/Kg	0				0	0	
Indeno(1,2,3-cd)pyrene	1400			ug/Kg	0				0	0	
Dibenzo(a,h)anthracene	1400			ug/Kg	0				0	0	
Benzo(g,h,i)perylene	1400			ug/Kg	0				0	0	
2,3,4,6-Tetrachlorophenol	1400			ug/Kg	0				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2104-07MSD	Client Sample ID:	C0AA7MSD					DataFile:	BP020064.D		
1,4-Dioxane	570		280	ug/Kg	49		11		15	120	50
Benzaldehyde	1400		900	ug/Kg	64		9	*	0	0	0
Pyridine	1400		170	ug/Kg	12		9	*	0	0	0
Phenol	1400		0	ug/Kg	0	*			26	90	35
Bis(2-chloroethyl)ether	1400		790	ug/Kg	56		9	*	0	0	0
2-Chlorophenol	1400		0	ug/Kg	0	*			25	102	50
2-Methylphenol	1400		0	ug/Kg	0				0	0	0
2,2-oxybis(1-Chloropropane)	1400		770	ug/Kg	55		10	*	0	0	0
Acetophenone	1400		750	ug/Kg	54		12	*	0	0	0
4-Methylphenol	1400		0	ug/Kg	0				0	0	0
N-Nitroso-di-n-propylamine	1400		740	ug/Kg	53		14		41	126	38
Hexachloroethane	1400			ug/Kg	0				0	0	0
Nitrobenzene	1400		810	ug/Kg	58		3	*	0	0	0
Isophorone	1400		840	ug/Kg	60		5	*	0	0	0
2-Nitrophenol	1400		830	ug/Kg	59		8	*	0	0	0
2,4-Dimethylphenol	1400		63	ug/Kg	5		0		0	0	0
Bis(2-chloroethoxy)methane	1400		820	ug/Kg	59		8	*	0	0	0
2,4-Dichlorophenol	1400		0	ug/Kg	0				0	0	0
Naphthalene	1400		0	ug/Kg	0				0	0	0
4-Chloroaniline	1400		190	ug/Kg	14		24	*	0	0	0
Hexachlorobutadiene	1400		0	ug/Kg	0				0	0	0
Caprolactam	1400		920	ug/Kg	66		5	*	0	0	0
4-Chloro-3-methylphenol	1400		0	ug/Kg	0	*			26	103	33
1-Methylnaphthalene	1400		0	ug/Kg	0				0	0	0
2-Methylnaphthalene	1400		26	ug/Kg	2		200	*	0	0	0
Hexachlorocyclopentadiene	1400			ug/Kg	0				0	0	0
2,4,6-Trichlorophenol	1400		0	ug/Kg	0				0	0	0
2,4,5-Trichlorophenol	1400		0	ug/Kg	0				0	0	0
1,1'-Biphenyl	1400		200	ug/Kg	14		13	*	0	0	0
2-Chloronaphthalene	1400		0	ug/Kg	0				0	0	0
2-Nitroaniline	1400		580	ug/Kg	41		7	*	0	0	0
Dimethylphthalate	1400		870	ug/Kg	62		11	*	0	0	0
2,6-Dinitrotoluene	1400		960	ug/Kg	69		3	*	0	0	0
Acenaphthylene	1400		0	ug/Kg	0				0	0	0
3-Nitroaniline	1400		750	ug/Kg	54		4	*	0	0	0
Acenaphthene	1400		0	ug/Kg	0	*			31	137	19
2,4-Dinitrophenol	1400		440	ug/Kg	31		23	*	0	0	0
4-Nitrophenol	1400		360	ug/Kg	26		0		11	114	50
Dibenzofuran	1400		0	ug/Kg	0				0	0	0
2,4-Dinitrotoluene	1400		1000	ug/Kg	71		1		28	89	47
Diethylphthalate	1400		900	ug/Kg	64		3	*	0	0	0
Fluorene	1400		79	ug/Kg	6		0		0	0	0
4-Chlorophenyl-phenylether	1400		310	ug/Kg	22		5	*	0	0	0
4-Nitroaniline	1400		1100	ug/Kg	79		12	*	0	0	0
4,6-Dinitro-2-methylphenol	1400		540	ug/Kg	39		23	*	0	0	0
N-Nitrosodiphenylamine	1400		420	ug/Kg	30		13	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		0	ug/Kg	0				0	0	0
4-Bromophenyl-phenylether	1400		230	ug/Kg	16		12	*	0	0	0
Hexachlorobenzene	1400			ug/Kg	0				0	0	0
Atrazine	1400		1000	ug/Kg	71		0		0	0	0
Pentachlorophenol	1400			ug/Kg	0	*			17	109	47
Phenanthrene	1400		0	ug/Kg	0				0	0	0
Pentachlorobenzene	1400		0	ug/Kg	0				0	0	0
Anthracene	1400		0	ug/Kg	0				0	0	0
1,2,3,4-Tetrachlorobenzene	1400		0	ug/Kg	0				0	0	0
Carbazole	1400		0	ug/Kg	0				0	0	0
Di-n-butylphthalate	1400		1000	ug/Kg	71		0		0	0	0
Fluoranthene	1400		0	ug/Kg	0				0	0	0
Pyrene	1400		0	ug/Kg	0	*			35	142	36
Butylbenzylphthalate	1400		1100	ug/Kg	79		0		0	0	0
3,3'-Dichlorobenzidine	1400		260	ug/Kg	19		11	*	0	0	0
Benzo(a)anthracene	1400		0	ug/Kg	0				0	0	0
Chrysene	1400		0	ug/Kg	0				0	0	0
Bis(2-ethylhexyl)phthalate	1400		1000	ug/Kg	71		11	*	0	0	0
Di-n-octylphthalate	1400		990	ug/Kg	71		0		0	0	0
Benzo(b)fluoranthene	1400		0	ug/Kg	0				0	0	0
Benzo(k)fluoranthene	1400		0	ug/Kg	0				0	0	0
Benzo(a)pyrene	1400		0	ug/Kg	0				0	0	0
Indeno(1,2,3-cd)pyrene	1400		0	ug/Kg	0				0	0	0
Dibenzo(a,h)anthracene	1400		0	ug/Kg	0				0	0	0
Benzo(g,h,i)perylene	1400		0	ug/Kg	0				0	0	0
2,3,4,6-Tetrachlorophenol	1400		0	ug/Kg	0				0	0	0

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-01	C0AA0	BP020058.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	2.75	7	*	20	120
			Phenol-d5	40	0.15	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	16.71	42		10	150
			2-Chlorophenol-d4	40	0.68	2	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	17.20	43		10	135
			2-Nitrophenol-d4	40	15.56	39		10	120
			2,4-Dichlorophenol-d3	40	0.27	1	*	10	140
			4-Chloroaniline-d4	40	0.54	1		1	145
			Dimethylphthalate-d6	40	19.19	48		10	145
			Acenaphthylene-d8	40	0.26	1	*	15	120
			4-Nitrophenol-d4	40	1.91	5	*	10	150
			Fluorene-d10	40	5.29	13	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.97	30		10	130
			Anthracene-d10	40	0.39	1	*	10	150
			Pyrene-d10	40	0.05	0	*	10	130
			Benzo(a)pyrene-d12	40	0.05	0	*	10	140
P2104-02	C0AA3	BP020059.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	1.85	5	*	20	120
			Phenol-d5	40	0.07	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	16.17	40		10	150
			2-Chlorophenol-d4	40	0.34	1	*	15	120
			4-Methylphenol-d8	40	0.62	2	*	10	140
			Nitrobenzene-d5	40	17.15	43		10	135
			2-Nitrophenol-d4	40	15.76	39		10	120
			2,4-Dichlorophenol-d3	40	0.22	1	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	19.93	50		10	145
			Acenaphthylene-d8	40	0.12	0	*	15	120
			4-Nitrophenol-d4	40	1.74	4	*	10	150
			Fluorene-d10	40	2.45	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.01	33		10	130
			Anthracene-d10	40	0.24	1	*	10	150
			Pyrene-d10	40	0.10	0	*	10	130
			Benzo(a)pyrene-d12	40	0.10	0	*	10	140
P2104-03	C0AA5	BP020060.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	2.88	7	*	20	120
			Phenol-d5	40	0.14	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	20.32	51		10	150
			2-Chlorophenol-d4	40	0.46	1	*	15	120
			4-Methylphenol-d8	40	0.78	2	*	10	140
			Nitrobenzene-d5	40	20.88	52		10	135
			2-Nitrophenol-d4	40	21.36	53		10	120
			2,4-Dichlorophenol-d3	40	0.28	1	*	10	140
			4-Chloroaniline-d4	40	0.34	1		1	145
			Dimethylphthalate-d6	40	24.21	61		10	145
			Acenaphthylene-d8	40	0.18	0	*	15	120
			4-Nitrophenol-d4	40	3.46	9	*	10	150

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-03	C0AA5	BP020060.D	Fluorene-d10	40	3.06	8	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.12	25		10	130
			Anthracene-d10	40	0.34	1	*	10	150
			Pyrene-d10	40	0.12	0	*	10	130
			Benzo(a)pyrene-d12	40	0.15	0	*	10	140
P2104-04	C0AA6	BP020061.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	20.47	51		20	120
			Phenol-d5	40	26.86	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.82	67		10	150
			2-Chlorophenol-d4	40	28.21	71		15	120
			4-Methylphenol-d8	40	28.22	71		10	140
			Nitrobenzene-d5	40	29.01	73		10	135
			2-Nitrophenol-d4	40	30.55	76		10	120
			2,4-Dichlorophenol-d3	40	26.84	67		10	140
			4-Chloroaniline-d4	40	28.23	71		1	145
			Dimethylphthalate-d6	40	31.10	78		10	145
			Acenaphthylene-d8	40	29.97	75		15	120
			4-Nitrophenol-d4	40	26.70	67		10	150
			Fluorene-d10	40	30.17	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.83	50		10	130
			Anthracene-d10	40	30.47	76		10	150
			Pyrene-d10	40	32.86	82		10	130
			Benzo(a)pyrene-d12	40	31.41	79		10	140
P2104-05	C0AA7	BP020062.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Pyridine-d5	40	1.64	4	*	20	120
			Phenol-d5	40	0.10	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	14.97	37		10	150
			2-Chlorophenol-d4	40	0.33	1	*	15	120
			4-Methylphenol-d8	40	0.50	1	*	10	140
			Nitrobenzene-d5	40	15.80	39		10	135
			2-Nitrophenol-d4	40	15.38	38		10	120
			2,4-Dichlorophenol-d3	40	0.20	1	*	10	140
			4-Chloroaniline-d4	40	0.01	0	*	1	145
			Dimethylphthalate-d6	40	18.07	45		10	145
			Acenaphthylene-d8	40	0.11	0	*	15	120
			4-Nitrophenol-d4	40	1.16	3	*	10	150
			Fluorene-d10	40	2.08	5	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.42	26		10	130
			Anthracene-d10	40	0.24	1	*	10	150
			Pyrene-d10	40	0.04	0	*	10	130
			Benzo(a)pyrene-d12	40	0.06	0	*	10	140
P2104-06MS	C0AA7MS	BP020063.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	3.77	9	*	20	120
			Phenol-d5	40	0.17	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	19.75	49		10	150
			2-Chlorophenol-d4	40	0.45	1	*	15	120
			4-Methylphenol-d8	40	1.02	3	*	10	140
			Nitrobenzene-d5	40	21.08	53		10	135
			2-Nitrophenol-d4	40	21.33	53		10	120

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-06MS	C0AA7MS	BP020063.D	2,4-Dichlorophenol-d3	40	0.31	1	*	10	140
			4-Chloroaniline-d4	40	0.50	1		1	145
			Dimethylphthalate-d6	40	23.37	58		10	145
			Acenaphthylene-d8	40	0.15	0	*	15	120
			4-Nitrophenol-d4	40	8.63	22		10	150
			Fluorene-d10	40	2.38	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.11	38		10	130
			Anthracene-d10	40	22.32	56		10	150
			Pyrene-d10	40	0.14	0	*	10	130
			Benzo(a)pyrene-d12	40	0.07	0	*	10	140
P2104-07MSD	C0AA7MSD	BP020064.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	4.19	10	*	20	120
			Phenol-d5	40	0.13	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	18.44	46		10	150
			2-Chlorophenol-d4	40	0.39	1	*	15	120
			4-Methylphenol-d8	40	0.86	2	*	10	140
			Nitrobenzene-d5	40	20.74	52		10	135
			2-Nitrophenol-d4	40	20.46	51		10	120
			2,4-Dichlorophenol-d3	40	0.30	1	*	10	140
			4-Chloroaniline-d4	40	0.58	1		1	145
			Dimethylphthalate-d6	40	20.70	52		10	145
			Acenaphthylene-d8	40	0.12	0	*	15	120
			4-Nitrophenol-d4	40	10.47	26		10	150
			Fluorene-d10	40	2.51	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.83	30		10	130
			Anthracene-d10	40	0.28	1	*	10	150
			Pyrene-d10	40	0.12	0	*	10	130
			Benzo(a)pyrene-d12	40	0.07	0	*	10	140
P2104-08	C0AA8	BP020065.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Pyridine-d5	40	1.59	4	*	20	120
			Phenol-d5	40	0.09	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	16.95	42		10	150
			2-Chlorophenol-d4	40	0.34	1	*	15	120
			4-Methylphenol-d8	40	0.51	1	*	10	140
			Nitrobenzene-d5	40	18.22	46		10	135
			2-Nitrophenol-d4	40	17.62	44		10	120
			2,4-Dichlorophenol-d3	40	0.25	1	*	10	140
			4-Chloroaniline-d4	40	0.24	1		1	145
			Dimethylphthalate-d6	40	20.75	52		10	145
			Acenaphthylene-d8	40	0.14	0	*	15	120
			4-Nitrophenol-d4	40	0.08	0	*	10	150
			Fluorene-d10	40	2.24	6	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.05	15		10	130
			Anthracene-d10	40	0.24	1	*	10	150
			Pyrene-d10	40	0.07	0	*	10	130
			Benzo(a)pyrene-d12	40	0.09	0	*	10	140
P2104-09	C0AA9	BP020066.D	1,4-Dioxane-d8	8	2.15	27		15	120
			Pyridine-d5	40	1.05	3	*	20	120
			Phenol-d5	40	0.08	0	*	10	130

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-09	C0AA9	BP020066.D	Bis(2-Chloroethyl)ether-d8	40	14.16	35		10	150
			2-Chlorophenol-d4	40	0.31	1	*	15	120
			4-Methylphenol-d8	40	0.44	1	*	10	140
			Nitrobenzene-d5	40	15.09	38		10	135
			2-Nitrophenol-d4	40	15.11	38		10	120
			2,4-Dichlorophenol-d3	40	0.22	1	*	10	140
			4-Chloroaniline-d4	40	0.36	1		1	145
			Dimethylphthalate-d6	40	17.71	44		10	145
			Acenaphthylene-d8	40	0.12	0	*	15	120
			4-Nitrophenol-d4	40	0.66	2	*	10	150
			Fluorene-d10	40	2.02	5	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.57	11		10	130
			Anthracene-d10	40	0.35	1	*	10	150
			Pyrene-d10	40	0.11	0	*	10	130
			Benzo(a)pyrene-d12	40	0.11	0	*	10	140
P2104-10	C0AB0	BP020070.D	1,4-Dioxane-d8	8	1.89	24		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.04	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	11.00	27		10	150
			2-Chlorophenol-d4	40	0.18	0	*	15	120
			4-Methylphenol-d8	40	0.08	0	*	10	140
			Nitrobenzene-d5	40	10.89	27		10	135
			2-Nitrophenol-d4	40	10.28	26		10	120
			2,4-Dichlorophenol-d3	40	0.01	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	12.57	31		10	145
			Acenaphthylene-d8	40	0.09	0	*	15	120
			4-Nitrophenol-d4	40	0.01	0	*	10	150
			Fluorene-d10	40	1.43	4	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.31	8	*	10	130
			Anthracene-d10	40	0.28	1	*	10	150
			Pyrene-d10	40	0.16	0	*	10	130
P2104-11	C0AB1	BP020071.D	Benzo(a)pyrene-d12	40	0.21	1	*	10	140
			1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	20.13	50		20	120
			Phenol-d5	40	26.47	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.67	62		10	150
			2-Chlorophenol-d4	40	26.93	67		15	120
			4-Methylphenol-d8	40	26.91	67		10	140
			Nitrobenzene-d5	40	28.33	71		10	135
			2-Nitrophenol-d4	40	29.41	74		10	120
			2,4-Dichlorophenol-d3	40	27.40	68		10	140
			4-Chloroaniline-d4	40	26.70	67		1	145
			Dimethylphthalate-d6	40	29.17	73		10	145
			Acenaphthylene-d8	40	27.03	68		15	120
			4-Nitrophenol-d4	40	21.60	54		10	150
			Fluorene-d10	40	25.88	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.45	24		10	130
			Anthracene-d10	40	27.07	68		10	150



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-11	C0AB1	BP020071.D	Pyrene-d10	40	30.56	76		10	130
			Benzo(a)pyrene-d12	40	27.97	70		10	140
PB160221BL	PB160221BL	BP020054.D	1,4-Dioxane-d8	8	6.90	86		15	120
			Pyridine-d5	40	31.44	79		20	120
			Phenol-d5	40	32.04	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.20	83		10	150
			2-Chlorophenol-d4	40	34.25	86		15	120
			4-Methylphenol-d8	40	32.74	82		10	140
			Nitrobenzene-d5	40	35.10	88		10	135
			2-Nitrophenol-d4	40	36.31	91		10	120
			2,4-Dichlorophenol-d3	40	29.69	74		10	140
			4-Chloroaniline-d4	40	33.79	84		1	145
			Dimethylphthalate-d6	40	36.60	91		10	145
			Acenaphthylene-d8	40	33.85	85		15	120
			4-Nitrophenol-d4	40	30.79	77		10	150
			Fluorene-d10	40	34.85	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.29	76		10	130
			Anthracene-d10	40	35.53	89		10	150
			Pyrene-d10	40	35.84	90		10	130
			Benzo(a)pyrene-d12	40	35.17	88		10	140



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

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160347BL	PB160347BL	BP020040.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	18.14	45		20	120
			Phenol-d5	40	21.99	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.05	55		25	120
			2-Chlorophenol-d4	40	22.57	56		20	130
			4-Methylphenol-d8	40	21.74	54		25	125
			Nitrobenzene-d5	40	23.83	60		20	125
			2-Nitrophenol-d4	40	24.80	62		20	130
			2,4-Dichlorophenol-d3	40	20.49	51		20	120
			4-Chloroaniline-d4	40	19.62	49		1	146
			Dimethylphthalate-d6	40	27.93	70		25	130
			Acenaphthylene-d8	40	24.84	62		10	130
			4-Nitrophenol-d4	40	26.21	66		10	150
			Fluorene-d10	40	26.39	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.32	58		10	130
			Anthracene-d10	40	25.39	63		25	130
			Pyrene-d10	40	26.86	67		15	130
			Benzo(a)pyrene-d12	40	26.21	66		20	130



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Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2115-10	SVOC-GPC2-BLA1BP020041.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-05	C0R93	BP020042.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	3.12	8	*	20	120
			Phenol-d5	40	6.45	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.36	96		25	120
			2-Chlorophenol-d4	40	28.09	70		20	130
			4-Methylphenol-d8	40	16.74	42		25	125
			Nitrobenzene-d5	40	41.55	104		20	125
			2-Nitrophenol-d4	40	40.92	102		20	130
			2,4-Dichlorophenol-d3	40	31.87	80		20	120
			4-Chloroaniline-d4	40	18.42	46		1	146
			Dimethylphthalate-d6	40	44.33	111		25	130
			Acenaphthylene-d8	40	41.09	103		10	130
			4-Nitrophenol-d4	40	6.10	15		10	150
			Fluorene-d10	40	43.86	110		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.48	91		10	130
			Anthracene-d10	40	44.49	111		25	130
			Pyrene-d10	40	48.19	120		15	130
			Benzo(a)pyrene-d12	40	46.96	117		20	130
P2161-06	C0RB3	BP020043.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	6.53	16	*	20	120
			Phenol-d5	40	7.69	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	45.60	114		25	120
			2-Chlorophenol-d4	40	34.34	86		20	130
			4-Methylphenol-d8	40	20.16	50		25	125
			Nitrobenzene-d5	40	46.56	116		20	125
			2-Nitrophenol-d4	40	46.08	115		20	130
			2,4-Dichlorophenol-d3	40	36.66	92		20	120
			4-Chloroaniline-d4	40	28.38	71		1	146
			Dimethylphthalate-d6	40	53.78	134	*	25	130
			Acenaphthylene-d8	40	46.51	116		10	130
			4-Nitrophenol-d4	40	6.55	16		10	150
			Fluorene-d10	40	51.14	128	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.76	114		10	130
			Anthracene-d10	40	52.40	131	*	25	130
			Pyrene-d10	40	60.07	150	*	15	130
			Benzo(a)pyrene-d12	40	53.55	134	*	20	130
P2161-07	C0RJ8	BP020044.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	5.19	13	*	20	120
			Phenol-d5	40	6.82	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.12	108		25	120
			2-Chlorophenol-d4	40	34.64	87		20	130
			4-Methylphenol-d8	40	19.77	49		25	125
			Nitrobenzene-d5	40	46.90	117		20	125
			2-Nitrophenol-d4	40	46.08	115		20	130
			2,4-Dichlorophenol-d3	40	38.79	97		20	120
			4-Chloroaniline-d4	40	24.18	60		1	146
			Dimethylphthalate-d6	40	48.32	121		25	130
			Acenaphthylene-d8	40	45.14	113		10	130
			4-Nitrophenol-d4	40	6.35	16		10	150

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-07	C0RJ8	BP020044.D	Fluorene-d10	40	47.59	119		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.10	100		10	130
			Anthracene-d10	40	47.75	119		25	130
			Pyrene-d10	40	47.61	119		15	130
			Benzo(a)pyrene-d12	40	47.30	118		20	130
P2161-08	MC0RB4	BP020045.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	5.19	13	*	20	120
			Phenol-d5	40	6.52	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.99	100		25	120
			2-Chlorophenol-d4	40	30.01	75		20	130
			4-Methylphenol-d8	40	17.16	43		25	125
			Nitrobenzene-d5	40	43.50	109		20	125
			2-Nitrophenol-d4	40	42.99	107		20	130
			2,4-Dichlorophenol-d3	40	35.07	88		20	120
			4-Chloroaniline-d4	40	21.94	55		1	146
			Dimethylphthalate-d6	40	46.27	116		25	130
			Acenaphthylene-d8	40	43.15	108		10	130
			4-Nitrophenol-d4	40	7.25	18		10	150
			Fluorene-d10	40	44.74	112		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.72	104		10	130
			Anthracene-d10	40	47.12	118		25	130
			Pyrene-d10	40	49.30	123		15	130
			Benzo(a)pyrene-d12	40	49.10	123		20	130
			1,4-Dioxane-d8	8	3.88	49		15	120
			Pyridine-d5	40	2.91	7	*	20	120
			Phenol-d5	40	6.67	17		10	130
P2161-09	C0R88	BP020046.D	Bis(2-Chloroethyl)ether-d8	40	42.49	106		25	120
			2-Chlorophenol-d4	40	31.07	78		20	130
			4-Methylphenol-d8	40	17.19	43		25	125
			Nitrobenzene-d5	40	46.52	116		20	125
			2-Nitrophenol-d4	40	45.91	115		20	130
			2,4-Dichlorophenol-d3	40	38.44	96		20	120
			4-Chloroaniline-d4	40	17.76	44		1	146
			Dimethylphthalate-d6	40	48.24	121		25	130
			Acenaphthylene-d8	40	43.92	110		10	130
			4-Nitrophenol-d4	40	7.21	18		10	150
			Fluorene-d10	40	46.79	117		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.67	104		10	130
			Anthracene-d10	40	47.07	118		25	130
			Pyrene-d10	40	48.91	122		15	130
			Benzo(a)pyrene-d12	40	49.41	124		20	130
P2161-10	C0RB7	BP020047.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Pyridine-d5	40	2.19	5	*	20	120
			Phenol-d5	40	5.81	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.21	86		25	120
			2-Chlorophenol-d4	40	25.69	64		20	130
			4-Methylphenol-d8	40	14.29	36		25	125
			Nitrobenzene-d5	40	37.40	94		20	125
			2-Nitrophenol-d4	40	35.93	90		20	130

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-10	C0RB7	BP020047.D	2,4-Dichlorophenol-d3	40	28.61	72		20	120
			4-Chloroaniline-d4	40	15.10	38		1	146
			Dimethylphthalate-d6	40	40.39	101		25	130
			Acenaphthylene-d8	40	37.25	93		10	130
			4-Nitrophenol-d4	40	6.45	16		10	150
			Fluorene-d10	40	39.92	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.33	86		10	130
			Anthracene-d10	40	43.23	108		25	130
			Pyrene-d10	40	43.53	109		15	130
			Benzo(a)pyrene-d12	40	43.72	109		20	130
PB160383BL	PB160383BL	BP020039.D	Pyridine-d5	40	26.31	66		20	120
			1,4-Dioxane-d8	8	5.26	66		15	120
			Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.59	66		25	120
			2-Chlorophenol-d4	40	27.50	69		20	130
			4-Methylphenol-d8	40	25.61	64		25	125
			Nitrobenzene-d5	40	29.22	73		20	125
			2-Nitrophenol-d4	40	29.24	73		20	130
			2,4-Dichlorophenol-d3	40	24.16	60		20	120
			4-Chloroaniline-d4	40	27.07	68		1	146
			Dimethylphthalate-d6	40	29.59	74		25	130
			Acenaphthylene-d8	40	27.53	69		10	130
			4-Nitrophenol-d4	40	26.40	66		10	150
			Fluorene-d10	40	28.47	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.09	60		10	130
			Anthracene-d10	40	28.28	71		25	130
			Pyrene-d10	40	30.51	76		15	130
			Benzo(a)pyrene-d12	40	29.60	74		20	130
PB160383BS	PB160383BS	BP020051.D	1,4-Dioxane-d8	8	8.27	103		15	120
			Pyridine-d5	40	26.32	66		20	120
			Phenol-d5	40	33.19	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.90	80		25	120
			2-Chlorophenol-d4	40	34.37	86		20	130
			4-Methylphenol-d8	40	32.93	82		25	125
			Nitrobenzene-d5	40	35.24	88		20	125
			2-Nitrophenol-d4	40	36.63	92		20	130
			2,4-Dichlorophenol-d3	40	35.17	88		20	120
			4-Chloroaniline-d4	40	27.59	69		1	146
			Dimethylphthalate-d6	40	36.10	90		25	130
			Acenaphthylene-d8	40	34.01	85		10	130
			4-Nitrophenol-d4	40	37.71	94		10	150
			Fluorene-d10	40	34.71	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.47	89		10	130
			Anthracene-d10	40	33.44	84		25	130
			Pyrene-d10	40	34.69	87		15	130
			Benzo(a)pyrene-d12	40	35.16	88		20	130

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-11	C0RC6	BP020048.D	Pyridine-d5	40	1.17	3	*	20	120
			1,4-Dioxane-d8	8	3.58	45		15	120
			Phenol-d5	40	6.49	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.35	96		25	120
			2-Chlorophenol-d4	40	28.75	72		20	130
			4-Methylphenol-d8	40	16.72	42		25	125
			Nitrobenzene-d5	40	39.54	99		20	125
			2-Nitrophenol-d4	40	39.31	98		20	130
			2,4-Dichlorophenol-d3	40	33.11	83		20	120
			4-Chloroaniline-d4	40	11.93	30		1	146
			Dimethylphthalate-d6	40	42.33	106		25	130
			Acenaphthylene-d8	40	38.90	97		10	130
			4-Nitrophenol-d4	40	5.77	14		10	150
			Fluorene-d10	40	40.76	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.04	90		10	130
			Anthracene-d10	40	41.99	105		25	130
			Pyrene-d10	40	51.41	129		15	130
			Benzo(a)pyrene-d12	40	42.71	107		20	130
P2161-12	MC0R81	BP020049.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	4.44	11	*	20	120
			Phenol-d5	40	7.09	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	44.27	111		25	120
			2-Chlorophenol-d4	40	31.77	79		20	130
			4-Methylphenol-d8	40	18.94	47		25	125
			Nitrobenzene-d5	40	47.16	118		20	125
			2-Nitrophenol-d4	40	45.81	115		20	130
			2,4-Dichlorophenol-d3	40	38.86	97		20	120
			4-Chloroaniline-d4	40	24.89	62		1	146
			Dimethylphthalate-d6	40	49.48	124		25	130
			Acenaphthylene-d8	40	45.18	113		10	130
			4-Nitrophenol-d4	40	5.90	15		10	150
			Fluorene-d10	40	47.22	118		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.14	88		10	130
			Anthracene-d10	40	49.01	123		25	130
			Pyrene-d10	40	58.42	146	*	15	130
			Benzo(a)pyrene-d12	40	50.48	126		20	130
P2161-13	C0RC8	BP020050.D	1,4-Dioxane-d8	8	3.88	48		15	120
			Pyridine-d5	40	7.79	19	*	20	120
			Phenol-d5	40	6.39	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.78	89		25	120
			2-Chlorophenol-d4	40	27.67	69		20	130
			4-Methylphenol-d8	40	15.49	39		25	125
			Nitrobenzene-d5	40	42.85	107		20	125
			2-Nitrophenol-d4	40	42.47	106		20	130
			2,4-Dichlorophenol-d3	40	34.71	87		20	120
			4-Chloroaniline-d4	40	30.61	77		1	146
			Dimethylphthalate-d6	40	43.74	109		25	130
			Acenaphthylene-d8	40	41.65	104		10	130
			4-Nitrophenol-d4	40	7.17	18		10	150

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-13	C0RC8	BP020050.D	Fluorene-d10	40	43.16	108		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.12	95		10	130
			Anthracene-d10	40	44.55	111		25	130
			Pyrene-d10	40	45.81	115		15	130
			Benzo(a)pyrene-d12	40	46.91	117		20	130
P2161-14	C0RC9	BP020055.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	5.12	13	*	20	120
			Phenol-d5	40	6.48	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.93	90		25	120
			2-Chlorophenol-d4	40	27.42	69		20	130
			4-Methylphenol-d8	40	16.10	40		25	125
			Nitrobenzene-d5	40	39.98	100		20	125
			2-Nitrophenol-d4	40	38.21	96		20	130
			2,4-Dichlorophenol-d3	40	31.65	79		20	120
			4-Chloroaniline-d4	40	23.99	60		1	146
			Dimethylphthalate-d6	40	40.40	101		25	130
			Acenaphthylene-d8	40	37.48	94		10	130
			4-Nitrophenol-d4	40	6.50	16		10	150
			Fluorene-d10	40	38.51	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.09	90		10	130
			Anthracene-d10	40	41.75	104		25	130
			Pyrene-d10	40	41.42	104		15	130
			Benzo(a)pyrene-d12	40	41.28	103		20	130
P2161-15	C0RE4	BP020056.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	12.99	32		20	120
			Phenol-d5	40	8.11	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.71	109		25	120
			2-Chlorophenol-d4	40	34.14	85		20	130
			4-Methylphenol-d8	40	19.92	50		25	125
			Nitrobenzene-d5	40	48.37	121		20	125
			2-Nitrophenol-d4	40	49.18	123		20	130
			2,4-Dichlorophenol-d3	40	40.72	102		20	120
			4-Chloroaniline-d4	40	36.26	91		1	146
			Dimethylphthalate-d6	40	50.89	127		25	130
			Acenaphthylene-d8	40	48.41	121		10	130
			4-Nitrophenol-d4	40	9.20	23		10	150
			Fluorene-d10	40	49.31	123		25	125
			4,6-Dinitro-2-methylphenol-d2	40	47.09	118		10	130
			Anthracene-d10	40	50.89	127		25	130
			Pyrene-d10	40	55.34	138	*	15	130
			Benzo(a)pyrene-d12	40	52.69	132	*	20	130
P2161-16	MC0R82	BP020057.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	13.45	34		20	120
			Phenol-d5	40	6.67	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	42.13	105		25	120
			2-Chlorophenol-d4	40	29.21	73		20	130
			4-Methylphenol-d8	40	18.27	46		25	125
			Nitrobenzene-d5	40	43.56	109		20	125
			2-Nitrophenol-d4	40	40.63	102		20	130

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2161-16	MC0R82	BP020057.D	2,4-Dichlorophenol-d3	40	34.24	86		20	120
			4-Chloroaniline-d4	40	38.82	97		1	146
			Dimethylphthalate-d6	40	47.82	120		25	130
			Acenaphthylene-d8	40	42.33	106		10	130
			4-Nitrophenol-d4	40	5.16	13		10	150
			Fluorene-d10	40	44.92	112		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.23	81		10	130
			Anthracene-d10	40	45.84	115		25	130
			Pyrene-d10	40	57.98	145	*	15	130
			Benzo(a)pyrene-d12	40	49.06	123		20	130
PB160384BS	PB160384BS	BP020052.D	Pyridine-d5	40	29.33	73		20	120
			1,4-Dioxane-d8	8	8.95	112		15	120
			Phenol-d5	40	36.68	92		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.52	89		25	120
			2-Chlorophenol-d4	40	37.95	95		20	130
			4-Methylphenol-d8	40	36.18	90		25	125
			Nitrobenzene-d5	40	38.73	97		20	125
			2-Nitrophenol-d4	40	40.16	100		20	130
			2,4-Dichlorophenol-d3	40	38.03	95		20	120
			4-Chloroaniline-d4	40	29.16	73		1	146
			Dimethylphthalate-d6	40	38.92	97		25	130
			Acenaphthylene-d8	40	36.66	92		10	130
			4-Nitrophenol-d4	40	42.83	107		10	150
			Fluorene-d10	40	37.18	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.10	95		10	130
			Anthracene-d10	40	36.95	92		25	130
			Pyrene-d10	40	38.28	96		15	130
			Benzo(a)pyrene-d12	40	38.64	97		20	130

Surrogate Summary

SW-846

SDG No.: BP042024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160401BL	PB160401BL	BP020069.D	Pyridine-d5	40	32.97	82		20	120
			1,4-Dioxane-d8	8	6.67	83		15	120
			Phenol-d5	40	36.40	91		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.90	87		25	120
			2-Chlorophenol-d4	40	38.41	96		20	130
			4-Methylphenol-d8	40	36.11	90		25	125
			Nitrobenzene-d5	40	39.63	99		20	125
			2-Nitrophenol-d4	40	40.52	101		20	130
			2,4-Dichlorophenol-d3	40	36.83	92		20	120
			4-Chloroaniline-d4	40	36.31	91		1	146
			Dimethylphthalate-d6	40	37.80	94		25	130
			Acenaphthylene-d8	40	37.51	94		10	130
			4-Nitrophenol-d4	40	40.72	102		10	150
			Fluorene-d10	40	38.43	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.34	48		10	130
			Anthracene-d10	40	38.30	96		25	130
			Pyrene-d10	40	45.19	113		15	130
			Benzo(a)pyrene-d12	40	38.84	97		20	130
PB160401BS	PB160401BS	BP020067.D	Pyridine-d5	40	29.47	74		20	120
			1,4-Dioxane-d8	8	7.46	93		15	120
			Phenol-d5	40	31.76	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.23	78		25	120
			2-Chlorophenol-d4	40	34.00	85		20	130
			4-Methylphenol-d8	40	30.85	77		25	125
			Nitrobenzene-d5	40	36.18	90		20	125
			2-Nitrophenol-d4	40	37.72	94		20	130
			2,4-Dichlorophenol-d3	40	34.79	87		20	120
			4-Chloroaniline-d4	40	31.28	78		1	146
			Dimethylphthalate-d6	40	34.36	86		25	130
			Acenaphthylene-d8	40	33.19	83		10	130
			4-Nitrophenol-d4	40	37.59	94		10	150
			Fluorene-d10	40	33.35	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.19	55		10	130
			Anthracene-d10	40	33.90	85		25	130
			Pyrene-d10	40	38.64	97		15	130
			Benzo(a)pyrene-d12	40	35.10	88		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP042024

Lab Code: CHEM

SAS No.: BP042024 SDG NO.: BP042024

Lab File ID: BP020037.D

DFTPP Injection Date: 04/20/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.2
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	46.3
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	44.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	67.8
443	15.0 - 24.0% of mass 442	13.3 (19.6) 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
SSTD020770	SSTDCCC020	BP020038.D	04/20/2024	10:39
SBLK383	PB160383BL	BP020039.D	04/20/2024	11:26
SBLK347	PB160347BL	BP020040.D	04/20/2024	12:09
SVOC-GPC2-BLANK	P2115-10	BP020041.D	04/20/2024	12:53
C0R93	P2161-05	BP020042.D	04/20/2024	13:37
C0RB3	P2161-06	BP020043.D	04/20/2024	14:21
C0RJ8	P2161-07	BP020044.D	04/20/2024	15:05
MC0RB4	P2161-08	BP020045.D	04/20/2024	15:49
C0R88	P2161-09	BP020046.D	04/20/2024	16:33
C0RB7	P2161-10	BP020047.D	04/20/2024	17:17
C0RC6	P2161-11	BP020048.D	04/20/2024	18:01
MC0R81	P2161-12	BP020049.D	04/20/2024	18:46
C0RC8	P2161-13	BP020050.D	04/20/2024	19:30
SLCS383	PB160383BS	BP020051.D	04/20/2024	20:14
SLCS384	PB160384BS	BP020052.D	04/20/2024	20:58
SSTD020771	SSTDCCC020	BP020053.D	04/20/2024	22:25
SBLK221	PB160221BL	BP020054.D	04/20/2024	23:09
C0RC9	P2161-14	BP020055.D	04/20/2024	23:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP042024

Lab Code: CHEM

SAS No.: BP042024

SDG NO.: BP042024

Lab File ID: BP020037.D

DFTPP Injection Date: 04/20/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.2
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	46.3
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	44.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	67.8
443	15.0 - 24.0% of mass 442	13.3 (19.6) 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
C0RE4	P2161-15	BP020056.D	04/21/2024	00:35
MC0R82	P2161-16	BP020057.D	04/21/2024	01:19
C0AA0	P2104-01	BP020058.D	04/21/2024	02:02
C0AA3	P2104-02	BP020059.D	04/21/2024	02:45
C0AA5	P2104-03	BP020060.D	04/21/2024	03:28
C0AA6	P2104-04	BP020061.D	04/21/2024	04:11
C0AA7	P2104-05	BP020062.D	04/21/2024	04:54
C0AA7MS	P2104-06MS	BP020063.D	04/21/2024	05:36
C0AA7MSD	P2104-07MSD	BP020064.D	04/21/2024	06:19
C0AA8	P2104-08	BP020065.D	04/21/2024	07:02
C0AA9	P2104-09	BP020066.D	04/21/2024	07:44
SLCS401	PB160401BS	BP020067.D	04/21/2024	08:27
SSTD020772	SSTDCCC020EC	BP020068.D	04/21/2024	09:53
SBLK401	PB160401BL	BP020069.D	04/21/2024	10:35
C0AB0	P2104-10	BP020070.D	04/21/2024	11:18
C0AB1	P2104-11	BP020071.D	04/21/2024	12:01