

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:09:16

Lab File ID: BP020199.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.490	0.010	-8.7236	40.0
Benzaldehyde	0.863	1.000	0.010	15.8749	40.0
Pyridine	1.392	1.354	0.010	-2.7434	40.0
Phenol	1.773	1.735	0.080	-2.1434	20.0
Bis(2-Chloroethyl)ether	1.387	1.412	0.100	1.8025	20.0
2-Chlorophenol	1.282	1.312	0.200	2.3093	20.0
2-Methylphenol	1.322	1.297	0.010	-1.9362	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.775	0.010	2.5463	40.0
Acetophenone	2.305	2.316	0.060	0.5012	20.0
4-Methylphenol	1.437	1.444	0.010	0.4558	20.0
N-Nitroso-di-n-propylamine	1.251	1.302	0.050	4.1028	30.0
Hexachloroethane	0.586	0.584	0.100	-0.4504	20.0
Nitrobenzene	0.430	0.418	0.050	-2.8476	25.0
Isophorone	0.827	0.823	0.050	-0.4034	25.0
2-Nitrophenol	0.178	0.183	0.050	3.0119	25.0
2,4-Dimethylphenol	0.388	0.378	0.050	-2.3673	25.0
Bis(2-Chloroethoxy)methane	0.458	0.460	0.050	0.2983	20.0
2,4-Dichlorophenol	0.304	0.315	0.060	3.6127	20.0
Naphthalene	1.031	1.023	0.200	-0.802	20.0
4-Chloroaniline	0.428	0.427	0.010	-0.4023	40.0
Hexachlorobutadiene	0.236	0.229	0.040	-3.2526	30.0
Caprolactam	0.106	0.111	0.010	4.3012	40.0
4-Chloro-3-methylphenol	0.379	0.400	0.040	5.5248	25.0
1-Methylnaphthalene	0.722	0.738	0.100	2.2722	20.0
2-Methylnaphthalene	0.717	0.729	0.100	1.6397	20.0
Hexachlorocyclopentadiene	0.339	0.278	0.010	-17.955	40.0
2,4,6-Trichlorophenol	0.391	0.386	0.090	-1.2142	25.0
2,4,5-Trichlorophenol	0.421	0.423	0.100	0.4445	25.0
1,1-Biphenyl	1.415	1.353	0.200	-4.3266	20.0
2-Chloronaphthalene	1.122	1.075	0.300	-4.186	20.0
2-Nitroaniline	0.372	0.380	0.050	2.1925	40.0
Dimethylphthalate	1.475	1.477	0.300	0.1458	20.0
2,6-Dinitrotoluene	0.293	0.305	0.080	4.1102	30.0
Acenaphthylene	1.815	1.823	0.400	0.4689	20.0
3-Nitroaniline	0.274	0.281	0.010	2.8902	40.0
Acenaphthene	1.220	1.214	0.200	-0.4574	20.0
2,4-Dinitrophenol	0.180	0.168	0.010	-6.4188	40.0
4-Nitrophenol	0.234	0.228	0.010	-2.2944	40.0
Dibenzofuran	1.677	1.693	0.300	0.9287	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:09:16

Lab File ID: BP020199.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.456	0.070	8.056	30.0
Diethylphthalate	1.473	1.542	0.300	4.6948	20.0
Fluorene	1.394	1.426	0.200	2.3427	20.0
4-Chlorophenyl-phenylether	0.739	0.769	0.100	4.019	20.0
4-Nitroaniline	0.228	0.249	0.010	9.0636	40.0
4,6-Dinitro-2-methylphenol	0.132	0.131	0.010	-1.1193	40.0
N-Nitrosodiphenylamine	0.557	0.547	0.050	-1.8439	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.604	0.100	-3.102	20.0
4-Bromophenyl-phenylether	0.217	0.219	0.070	1.0918	20.0
Hexachlorobenzene	0.251	0.252	0.050	0.4423	25.0
Atrazine	0.197	0.193	0.010	-2.0836	25.0
Pentachlorophenol	0.152	0.154	0.010	1.5304	40.0
Phenanthrene	1.020	1.044	0.200	2.33	20.0
Pentachlorobenzene	0.297	0.289	0.050	-2.8989	20.0
Anthracene	1.038	1.067	0.200	2.813	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.276	0.050	-7.1628	20.0
Carbazole	0.894	0.916	0.050	2.4431	40.0
Di-n-butylphthalate	1.084	1.223	0.500	12.8557	25.0
Fluoranthene	1.376	1.332	0.400	-3.1961	25.0
Pyrene	1.432	1.369	0.400	-4.3694	25.0
Butylbenzylphthalate	0.543	0.577	0.100	6.2051	40.0
3,3-Dichlorobenzidine	0.407	0.419	0.010	2.8194	40.0
Benzo (a) anthracene	1.357	1.382	0.300	1.9031	30.0
Chrysene	1.257	1.258	0.200	0.0353	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.852	0.200	8.7415	40.0
Di-n-octyl phthalate	1.281	1.479	0.010	15.5004	40.0
Benzo (b) fluoranthene	1.190	1.250	0.200	5.0601	25.0
Benzo (k) fluoranthene	1.212	1.247	0.200	2.8114	25.0
Benzo (a) pyrene	1.132	1.145	0.200	1.1402	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.243	0.200	-10.3962	25.0
Dibenzo (a,h) anthracene	1.148	1.030	0.200	-10.2672	30.0
Benzo (g,h,i) perylene	1.119	0.970	0.200	-13.3191	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.392	0.040	3.8389	20.0
1,4-Dioxane-d8	0.474	0.475	0.010	0.4094	25.0
Pyridine-d5	1.376	1.317	0.010	-4.2585	40.0
Phenol-d5	1.718	1.669	0.010	-2.8496	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	1.054	0.050	1.0337	25.0
2-Chlorophenol-d4	1.228	1.218	0.200	-0.7781	20.0
4-Methylphenol-d8	1.389	1.377	0.010	-0.8649	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:09:16

Lab File ID: BP020199.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.153	0.050	2.0426	20.0
2-Nitrophenol-d4	0.172	0.174	0.050	1.2231	30.0
2,4-Dichlorophenol-d3	0.313	0.321	0.060	2.4617	20.0
4-Chloroaniline-d4	0.438	0.434	0.010	-0.8874	40.0
Dimethylphthalate-d6	1.461	1.478	0.300	1.1638	20.0
Acenaphthylene-d8	1.613	1.603	0.400	-0.6669	20.0
4-Nitrophenol-d4	0.224	0.212	0.010	-5.7545	40.0
Fluorene-d10	1.218	1.234	0.100	1.2605	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.125	0.010	-1.7953	40.0
Anthracene-d10	0.865	0.909	0.300	5.1034	20.0
Pyrene-d10	1.169	1.127	0.300	-3.6272	25.0
Benzo(a)pyrene-d12	0.967	0.979	0.010	1.2578	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.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:16:34

Lab File ID: BP020209.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020782 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.506	0.010	-5.9117	40.0
Benzaldehyde	0.863	0.963	0.010	11.561	40.0
Pyridine	1.392	1.272	0.010	-8.5792	40.0
Phenol	1.773	1.703	0.080	-3.9159	20.0
Bis(2-Chloroethyl)ether	1.387	1.361	0.100	-1.8688	20.0
2-Chlorophenol	1.282	1.263	0.200	-1.5162	20.0
2-Methylphenol	1.322	1.268	0.010	-4.1343	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.708	0.010	-1.2951	40.0
Acetophenone	2.305	2.265	0.060	-1.7405	20.0
4-Methylphenol	1.437	1.396	0.010	-2.889	20.0
N-Nitroso-di-n-propylamine	1.251	1.258	0.050	0.6041	30.0
Hexachloroethane	0.586	0.574	0.100	-2.1538	20.0
Nitrobenzene	0.430	0.422	0.050	-1.8078	25.0
Isophorone	0.827	0.824	0.050	-0.372	25.0
2-Nitrophenol	0.178	0.184	0.050	3.361	25.0
2,4-Dimethylphenol	0.388	0.386	0.050	-0.2964	25.0
Bis(2-Chloroethoxy)methane	0.458	0.461	0.050	0.6455	20.0
2,4-Dichlorophenol	0.304	0.314	0.060	3.1382	20.0
Naphthalene	1.031	1.032	0.200	0.0716	20.0
4-Chloroaniline	0.428	0.415	0.010	-3.1723	40.0
Hexachlorobutadiene	0.236	0.242	0.040	2.2315	30.0
Caprolactam	0.106	0.109	0.010	2.7422	40.0
4-Chloro-3-methylphenol	0.379	0.390	0.040	2.9995	25.0
1-Methylnaphthalene	0.722	0.738	0.100	2.2411	20.0
2-Methylnaphthalene	0.717	0.726	0.100	1.1634	20.0
Hexachlorocyclopentadiene	0.339	0.278	0.010	-18.0749	40.0
2,4,6-Trichlorophenol	0.391	0.398	0.090	1.8138	25.0
2,4,5-Trichlorophenol	0.421	0.433	0.100	2.9374	25.0
1,1-Biphenyl	1.415	1.387	0.200	-1.9624	20.0
2-Chloronaphthalene	1.122	1.099	0.300	-2.1187	20.0
2-Nitroaniline	0.372	0.381	0.050	2.4476	40.0
Dimethylphthalate	1.475	1.496	0.300	1.3953	20.0
2,6-Dinitrotoluene	0.293	0.302	0.080	3.1325	30.0
Acenaphthylene	1.815	1.807	0.400	-0.4108	20.0
3-Nitroaniline	0.274	0.277	0.010	1.3437	40.0
Acenaphthene	1.220	1.212	0.200	-0.6485	20.0
2,4-Dinitrophenol	0.180	0.171	0.010	-5.1412	40.0
4-Nitrophenol	0.234	0.228	0.010	-2.4077	40.0
Dibenzofuran	1.677	1.703	0.300	1.539	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624
Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:16:34
Lab File ID: BP020209.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020782 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.460	0.070	8.9865	30.0
Diethylphthalate	1.473	1.533	0.300	4.0731	20.0
Fluorene	1.394	1.434	0.200	2.8856	20.0
4-Chlorophenyl-phenylether	0.739	0.784	0.100	5.9824	20.0
4-Nitroaniline	0.228	0.242	0.010	6.2887	40.0
4,6-Dinitro-2-methylphenol	0.132	0.132	0.010	-0.1362	40.0
N-Nitrosodiphenylamine	0.557	0.540	0.050	-3.0252	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.621	0.100	-0.5056	20.0
4-Bromophenyl-phenylether	0.217	0.223	0.070	2.8754	20.0
Hexachlorobenzene	0.251	0.254	0.050	1.3313	25.0
Atrazine	0.197	0.192	0.010	-2.8141	25.0
Pentachlorophenol	0.152	0.148	0.010	-2.3935	40.0
Phenanthrene	1.020	1.036	0.200	1.5588	20.0
Pentachlorobenzene	0.297	0.286	0.050	-3.781	20.0
Anthracene	1.038	1.046	0.200	0.8266	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.282	0.050	-4.9754	20.0
Carbazole	0.894	0.913	0.050	2.1613	40.0
Di-n-butylphthalate	1.084	1.185	0.500	9.3755	25.0
Fluoranthene	1.376	1.358	0.400	-1.2726	25.0
Pyrene	1.432	1.389	0.400	-3.0063	25.0
Butylbenzylphthalate	0.543	0.572	0.100	5.2974	40.0
3,3-Dichlorobenzidine	0.407	0.416	0.010	2.2658	40.0
Benzo (a) anthracene	1.357	1.359	0.300	0.2119	30.0
Chrysene	1.257	1.256	0.200	-0.0737	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.841	0.200	7.2408	40.0
Di-n-octyl phthalate	1.281	1.439	0.010	12.3788	40.0
Benzo (b) fluoranthene	1.190	1.266	0.200	6.3762	25.0
Benzo (k) fluoranthene	1.212	1.234	0.200	1.7757	25.0
Benzo (a) pyrene	1.132	1.116	0.200	-1.4193	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.230	0.200	-11.3873	25.0
Dibenzo (a,h) anthracene	1.148	1.033	0.200	-10.0261	30.0
Benzo (g,h,i) perylene	1.119	0.969	0.200	-13.4129	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.397	0.040	5.0225	20.0
1,4-Dioxane-d8	0.474	0.450	0.010	-4.8975	25.0
Pyridine-d5	1.376	1.277	0.010	-7.1664	40.0
Phenol-d5	1.718	1.625	0.010	-5.3933	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	1.017	0.050	-2.5469	25.0
2-Chlorophenol-d4	1.228	1.209	0.200	-1.5677	20.0
4-Methylphenol-d8	1.389	1.339	0.010	-3.5858	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624
 Instrument ID: BNA_P Calibration Date/Time: 5/6/2024 12:16:34
 Lab File ID: BP020209.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020782 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.150	0.050	-0.1286	20.0
2-Nitrophenol-d4	0.172	0.178	0.050	4.0584	30.0
2,4-Dichlorophenol-d3	0.313	0.324	0.060	3.6794	20.0
4-Chloroaniline-d4	0.438	0.425	0.010	-3.0555	40.0
Dimethylphthalate-d6	1.461	1.468	0.300	0.513	20.0
Acenaphthylene-d8	1.613	1.626	0.400	0.7703	20.0
4-Nitrophenol-d4	0.224	0.204	0.010	-9.2051	40.0
Fluorene-d10	1.218	1.237	0.100	1.5299	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.125	0.010	-1.5831	40.0
Anthracene-d10	0.865	0.891	0.300	2.9649	20.0
Pyrene-d10	1.169	1.141	0.300	-2.38	25.0
Benzo(a)pyrene-d12	0.967	0.953	0.010	-1.4926	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.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/7/2024 12:04:25

Lab File ID: BP020224.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020783 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.478	0.010	-11.0962	50.0
Benzaldehyde	0.863	0.983	0.010	13.8953	50.0
Pyridine	1.392	1.226	0.010	-11.8798	50.0
Phenol	1.773	1.689	0.080	-4.7033	50.0
Bis(2-Chloroethyl)ether	1.387	1.337	0.100	-3.6419	50.0
2-Chlorophenol	1.282	1.296	0.200	1.0933	50.0
2-Methylphenol	1.322	1.300	0.010	-1.7177	50.0
2,2-oxybis(1-Chloropropane)	1.730	1.678	0.010	-3.0357	50.0
Acetophenone	2.305	2.218	0.060	-3.7553	50.0
4-Methylphenol	1.437	1.376	0.010	-4.2507	50.0
N-Nitroso-di-n-propylamine	1.251	1.205	0.050	-3.6503	50.0
Hexachloroethane	0.586	0.581	0.100	-0.9343	50.0
Nitrobenzene	0.430	0.421	0.050	-1.9789	50.0
Isophorone	0.827	0.798	0.050	-3.4708	50.0
2-Nitrophenol	0.178	0.189	0.050	6.3338	50.0
2,4-Dimethylphenol	0.388	0.385	0.050	-0.5677	50.0
Bis(2-Chloroethoxy)methane	0.458	0.443	0.050	-3.4131	50.0
2,4-Dichlorophenol	0.304	0.317	0.060	4.1567	50.0
Naphthalene	1.031	1.008	0.200	-2.2323	50.0
4-Chloroaniline	0.428	0.415	0.010	-3.1121	50.0
Hexachlorobutadiene	0.236	0.244	0.040	3.1721	50.0
Caprolactam	0.106	0.107	0.010	0.5569	50.0
4-Chloro-3-methylphenol	0.379	0.387	0.040	2.0794	50.0
1-Methylnaphthalene	0.722	0.721	0.100	-0.1331	50.0
2-Methylnaphthalene	0.717	0.717	0.100	-0.0738	50.0
Hexachlorocyclopentadiene	0.339	0.247	0.010	-27.1982	50.0
2,4,6-Trichlorophenol	0.391	0.413	0.090	5.6515	50.0
2,4,5-Trichlorophenol	0.421	0.433	0.100	2.8027	50.0
1,1-Biphenyl	1.415	1.441	0.200	1.8861	50.0
2-Chloronaphthalene	1.122	1.114	0.300	-0.7402	50.0
2-Nitroaniline	0.372	0.390	0.050	4.8565	50.0
Dimethylphthalate	1.475	1.501	0.300	1.7405	50.0
2,6-Dinitrotoluene	0.293	0.315	0.080	7.3731	50.0
Acenaphthylene	1.815	1.810	0.400	-0.2641	50.0
3-Nitroaniline	0.274	0.296	0.010	8.3447	50.0
Acenaphthene	1.220	1.225	0.200	0.4219	50.0
2,4-Dinitrophenol	0.180	0.167	0.010	-7.0424	50.0
4-Nitrophenol	0.234	0.237	0.010	1.3031	50.0
Dibenzofuran	1.677	1.676	0.300	-0.0526	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624

Instrument ID: BNA_P Calibration Date/Time: 5/7/2024 12:04:25

Lab File ID: BP020224.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020783 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.454	0.070	7.7233	50.0
Diethylphthalate	1.473	1.528	0.300	3.7567	50.0
Fluorene	1.394	1.408	0.200	1.0581	50.0
4-Chlorophenyl-phenylether	0.739	0.765	0.100	3.4612	50.0
4-Nitroaniline	0.228	0.273	0.010	19.5898	50.0
4,6-Dinitro-2-methylphenol	0.132	0.128	0.010	-3.6173	50.0
N-Nitrosodiphenylamine	0.557	0.547	0.050	-1.6829	50.0
1,2,4,5-Tetrachlorobenzene	0.624	0.652	0.100	4.5532	50.0
4-Bromophenyl-phenylether	0.217	0.224	0.070	3.2716	50.0
Hexachlorobenzene	0.251	0.260	0.050	3.7941	50.0
Atrazine	0.197	0.199	0.010	0.6447	50.0
Pentachlorophenol	0.152	0.152	0.010	0.0689	50.0
Phenanthrene	1.020	1.038	0.200	1.7287	50.0
Pentachlorobenzene	0.297	0.298	0.050	0.158	50.0
Anthracene	1.038	1.051	0.200	1.2217	50.0
1,2,3,4-Tetrachlorobenzene	0.297	0.294	0.050	-0.9726	50.0
Carbazole	0.894	0.917	0.050	2.5087	50.0
Di-n-butylphthalate	1.084	1.190	0.500	9.8304	50.0
Fluoranthene	1.376	1.326	0.400	-3.6206	50.0
Pyrene	1.432	1.342	0.400	-6.2342	50.0
Butylbenzylphthalate	0.543	0.579	0.100	6.5058	50.0
3,3-Dichlorobenzidine	0.407	0.412	0.010	1.2154	50.0
Benzo (a) anthracene	1.357	1.351	0.300	-0.4395	50.0
Chrysene	1.257	1.256	0.200	-0.1155	50.0
Bis (2-ethylhexyl) phthalate	0.784	0.842	0.200	7.4604	50.0
Di-n-octyl phthalate	1.281	1.463	0.010	14.2416	50.0
Benzo (b) fluoranthene	1.190	1.204	0.200	1.2051	50.0
Benzo (k) fluoranthene	1.212	1.207	0.200	-0.4835	50.0
Benzo (a) pyrene	1.132	1.122	0.200	-0.8522	50.0
Indeno (1,2,3-cd) pyrene	1.388	1.261	0.200	-9.12	50.0
Dibenzo (a,h) anthracene	1.148	1.048	0.200	-8.6947	50.0
Benzo (g,h,i) perylene	1.119	0.984	0.200	-12.0774	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.402	0.040	6.4105	50.0
1,4-Dioxane-d8	0.474	0.424	0.010	-10.3977	50.0
Pyridine-d5	1.376	1.213	0.010	-11.8224	50.0
Phenol-d5	1.718	1.625	0.010	-5.4059	50.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.997	0.050	-4.405	50.0
2-Chlorophenol-d4	1.228	1.244	0.200	1.3379	50.0
4-Methylphenol-d8	1.389	1.348	0.010	-2.9034	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG No.: BP050624
 Instrument ID: BNA_P Calibration Date/Time: 5/7/2024 12:04:25
 Lab File ID: BP020224.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020783 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.157	0.050	4.7502	50.0
2-Nitrophenol-d4	0.172	0.180	0.050	5.1169	50.0
2,4-Dichlorophenol-d3	0.313	0.329	0.060	5.1301	50.0
4-Chloroaniline-d4	0.438	0.429	0.010	-2.0722	50.0
Dimethylphthalate-d6	1.461	1.464	0.300	0.2208	50.0
Acenaphthylene-d8	1.613	1.619	0.400	0.3566	50.0
4-Nitrophenol-d4	0.224	0.227	0.010	1.097	50.0
Fluorene-d10	1.218	1.251	0.100	2.7274	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.124	0.010	-2.4363	50.0
Anthracene-d10	0.865	0.895	0.300	3.3851	50.0
Pyrene-d10	1.169	1.110	0.300	-5.0386	50.0
Benzo(a)pyrene-d12	0.967	0.959	0.010	-0.8582	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SBLK579	SDG No.:	BP050624
Lab Sample ID:	PB160579BL	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
BP020200.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SBLK579	SDG No.:	BP050624
Lab Sample ID:	PB160579BL	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
BP020200.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SBLK579	SDG No.:	BP050624
Lab Sample ID:	PB160579BL	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
BP020200.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	4.525		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.588		20-120		54	SPK: -40
4165-62-2	Phenol-d5	23.766		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.783		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.312		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	22.654		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.454		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.701		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.331		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.429		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.195		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.647		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.182		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.976		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SBLK579	SDG No.:	BP050624
Lab Sample ID:	PB160579BL	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
BP020200.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.621		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.718		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	25.429		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.848		20-130		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120801	7.616				
1146-65-2	Naphthalene-d8	501567	10.393				
15067-26-2	Acenaphthene-d10	367115	14.298				
1517-22-2	Phenanthrene-d10	851566	17.139				
1719-03-5	Chrysene-d12	763882	21.621				
1520-96-3	Perylene-d12	694620	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ4	SDG No.:	BP050624
Lab Sample ID:	P2279-01	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
BP020201.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ4	SDG No.:	BP050624
Lab Sample ID:	P2279-01	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
BP020201.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ4	SDG No.:	BP050624
Lab Sample ID:	P2279-01	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
BP020201.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	4.986		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	7.019	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.634		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.934		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.318		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	19.093		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.771		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.968		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.485		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.885		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.254		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	33.264		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.602		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	35.951		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ4	SDG No.:	BP050624
Lab Sample ID:	P2279-01	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
BP020201.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.37		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	37.888		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	36.071		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.394		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98477	7.622				
1146-65-2	Naphthalene-d8	407192	10.392				
15067-26-2	Acenaphthene-d10	290505	14.304				
1517-22-2	Phenanthrene-d10	655843	17.127				
1719-03-5	Chrysene-d12	642856	21.621				
1520-96-3	Perylene-d12	608733	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.4	J			18.086	
000057-11-4	Octadecanoic acid	4.5	J			19.433	
	(DEL) Alkane: Cyclic	21.315	J			21.315	
E966796	Total Alkanes	2				99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ5	SDG No.:	BP050624
Lab Sample ID:	P2279-02	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
BP020202.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ5	SDG No.:	BP050624
Lab Sample ID:	P2279-02	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
BP020202.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ5	SDG No.:	BP050624
Lab Sample ID:	P2279-02	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
BP020202.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	3.965		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	8.128		20-120		20	SPK: -40
4165-62-2	Phenol-d5	6.593		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.928		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.654		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	12.488		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	30.832		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.251		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.117		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.131		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.823		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.061		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.46		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	33.779		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ5	SDG No.:	BP050624
Lab Sample ID:	P2279-02	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
BP020202.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.941		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	34.232		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	33.747		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.81		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90198	7.622				
1146-65-2	Naphthalene-d8	378376	10.393				
15067-26-2	Acenaphthene-d10	270246	14.292				
1517-22-2	Phenanthrene-d10	616101	17.128				
1719-03-5	Chrysene-d12	583525	21.627				
1520-96-3	Perylene-d12	543220	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	5.2	J			18.08	
000057-11-4	Octadecanoic acid	4.4	J			19.427	
000111-02-4	Squalene	5.6	J			23.474	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ6	SDG No.:	BP050624
Lab Sample ID:	P2279-03	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
BP020203.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ6	SDG No.:	BP050624
Lab Sample ID:	P2279-03	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
BP020203.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ6	SDG No.:	BP050624
Lab Sample ID:	P2279-03	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
BP020203.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	4.691		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	7.034	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	5.739		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.74		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.994		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	10.193		25-125		25	SPK: -40
4165-60-0	Nitrobenzene-d5	35.682		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.884		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.891		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.547		1-146		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.256		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	36.094		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.94		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	38.585		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ6	SDG No.:	BP050624
Lab Sample ID:	P2279-03	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
BP020203.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.113		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	36.476		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	41.897		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.89		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80983	7.622				
1146-65-2	Naphthalene-d8	341012	10.399				
15067-26-2	Acenaphthene-d10	245087	14.299				
1517-22-2	Phenanthrene-d10	552738	17.122				
1719-03-5	Chrysene-d12	416566	21.616				
1520-96-3	Perylene-d12	407963	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	34	J			14.534	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.087	
000057-11-4	Octadecanoic acid	3.6	J			19.428	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	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
BP020204.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.2	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	10.3	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.2	10	ug/L
95-57-8	2-Chlorophenol	0.94	U	0.94	2.6	5.2	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2	U	2	5.2	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.2	10	ug/L
106-44-5	4-Methylphenol	1.8	U	1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2	U	2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	0.97	U	0.97	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	0.97	U	0.97	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.2	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.94	U	0.94	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.1	U	2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 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
BP020204.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.9	U	1.9	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.8	U	1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.2	10	ug/L
83-32-9	Acenaphthene	0.99	U	0.99	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.2	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.2	ug/L
86-73-7	Fluorene	0.97	U	0.97	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.86	U	0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.5	U	2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.9	U	1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	2	U	2	5.2	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	2.6	5.2	ug/L
206-44-0	Fluoranthene	2	U	2	5.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	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
BP020204.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.9	U	1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.2	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.033		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	4.806	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.916		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.931		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.626		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	18.84		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	37.761		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.494		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.058		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.683		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.321		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	38.924		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.385		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	43.845		25-125		110	SPK: -40

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 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
BP020204.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.855		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	47.295		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	53.897	*	15-130		135	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.05		20-130		123	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66044	7.622				
1146-65-2	Naphthalene-d8	271312	10.393				
15067-26-2	Acenaphthene-d10	197205	14.287				
1517-22-2	Phenanthrene-d10	437011	17.122				
1719-03-5	Chrysene-d12	327968	21.622				
1520-96-3	Perylene-d12	298073	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	48	J			14.522	
000057-10-3	n-Hexadecanoic acid	3.1	J			18.081	
000057-11-4	Octadecanoic acid	2.6	J			19.433	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ8	SDG No.:	BP050624
Lab Sample ID:	P2279-05	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
BP020205.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ8	SDG No.:	BP050624
Lab Sample ID:	P2279-05	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
BP020205.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ8	SDG No.:	BP050624
Lab Sample ID:	P2279-05	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
BP020205.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	4.492		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	3.166	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	7.386		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.049		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.86		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	17.783		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	35.972		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.092		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.278		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.347		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.94		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.636		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.599		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	40.904		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ8	SDG No.:	BP050624
Lab Sample ID:	P2279-05	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
BP020205.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.887		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	41.748		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	38.025		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.294		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77709	7.622				
1146-65-2	Naphthalene-d8	320646	10.393				
15067-26-2	Acenaphthene-d10	227606	14.293				
1517-22-2	Phenanthrene-d10	518469	17.128				
1719-03-5	Chrysene-d12	566025	21.628				
1520-96-3	Perylene-d12	580320	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	14	J			14.522	
000057-10-3	n-Hexadecanoic acid	37	J			18.092	
000057-11-4	Octadecanoic acid	61	J			19.439	
1000282-98-2	Dichloroacetic acid, heptadecyl es	3.9	J			21.322	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ9	SDG No.:	BP050624
Lab Sample ID:	P2279-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020206.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.2	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	10.4	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.2	10	ug/L
95-57-8	2-Chlorophenol	0.95	U	0.95	2.6	5.2	ug/L
95-48-7	2-Methylphenol	1.6	U	1.6	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2	U	2	5.2	10	ug/L
98-86-2	Acetophenone	1.6	U	1.6	5.2	10	ug/L
106-44-5	4-Methylphenol	1.8	U	1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2	U	2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	1.5	U	1.5	2.6	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.3	U	1.3	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.6	U	1.6	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	0.98	U	0.98	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	0.98	U	0.98	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.6	U	1.6	2.6	5.2	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.7	U	1.7	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.95	U	0.95	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.1	U	2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.6	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ9	SDG No.:	BP050624
Lab Sample ID:	P2279-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020206.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.9	U	1.9	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.8	U	1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.3	U	1.3	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	1.7	U	1.7	5.2	10	ug/L
83-32-9	Acenaphthene	1	U	1	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.2	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.4	U	1.4	2.6	5.2	ug/L
86-73-7	Fluorene	0.98	U	0.98	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.86	U	0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.5	U	2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.4	U	1.4	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.5	U	1.5	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	1.3	U	1.3	2.6	5.2	ug/L
1912-24-9	Atrazine	1.9	U	1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	2	U	2	5.2	10	ug/L
85-01-8	Phenanthrene	1.3	U	1.3	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	2.6	5.2	ug/L
206-44-0	Fluoranthene	2	U	2	5.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ9	SDG No.:	BP050624
Lab Sample ID:	P2279-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960 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
BP020206.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.9	U	1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.5	U	1.5	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.2	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.5	U	1.5	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.6	U	1.6	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.112		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	5.824	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	5.952		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.546		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.358		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	14.835		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	29.99		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.155		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.418		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.624		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.212		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.668		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.25		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	33.868		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0RQ9	SDG No.:	BP050624
Lab Sample ID:	P2279-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020206.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.94		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	36.931		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	35.219		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.295		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95579	7.622				
1146-65-2	Naphthalene-d8	405050	10.393				
15067-26-2	Acenaphthene-d10	297847	14.293				
1517-22-2	Phenanthrene-d10	670267	17.14				
1719-03-5	Chrysene-d12	658044	21.622				
1520-96-3	Perylene-d12	627103	24.969				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	22	J			14.516	
	unknown-02	25	J			14.534	
000057-10-3	n-Hexadecanoic acid	46	J			18.11	
000057-11-4	Octadecanoic acid	77	J			19.457	
000661-19-8	Behenic alcohol	6.5	J			21.322	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SLCS579	SDG No.:	BP050624
Lab Sample ID:	PB160579BS	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
BP020207.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

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	41		1.1	5	10	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
108-95-2	Phenol	35		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	35		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	34		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	36		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	34		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.4	2.5	5	ug/L
78-59-1	Isophorone	35		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	33		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		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	34		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	39		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	37		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		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	38		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SLCS579	SDG No.:	BP050624
Lab Sample ID:	PB160579BS	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
BP020207.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		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	38		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		1.6	5	10	ug/L
83-32-9	Acenaphthene	35		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	41		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	39		1.4	5	10	ug/L
132-64-9	Dibenzofuran	36		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	38		1.3	2.5	5	ug/L
86-73-7	Fluorene	37		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		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	38		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		1.2	2.5	5	ug/L
1912-24-9	Atrazine	36		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	37		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.7	2.5	5	ug/L
120-12-7	Anthracene	35		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	33		1.7	2.5	5	ug/L
86-74-8	Carbazole	37		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	40		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SLCS579	SDG No.:	BP050624
Lab Sample ID:	PB160579BS	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
BP020207.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		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	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	36		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	42		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	38		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	32		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.078		15-120		101	SPK: -8
7291-22-7	Pyridine-d5	31.574		20-120		79	SPK: -40
4165-62-2	Phenol-d5	34.278		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.789		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.465		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	35.32		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	35.577		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.803		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.144		20-120		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.632		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.215		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.13		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.859		10-150		97	SPK: -40
81103-79-9	Fluorene-d10	37.419		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	SLCS579	SDG No.:	BP050624
Lab Sample ID:	PB160579BS	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
BP020207.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.693		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	37.083		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	36.341		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.186		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92497	7.622				
1146-65-2	Naphthalene-d8	394689	10.392				
15067-26-2	Acenaphthene-d10	286097	14.292				
1517-22-2	Phenanthrene-d10	649309	17.121				
1719-03-5	Chrysene-d12	596213	21.621				
1520-96-3	Perylene-d12	531492	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	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
BP020208.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.2	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	10.3	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.2	10	ug/L
95-57-8	2-Chlorophenol	0.94	U	0.94	2.6	5.2	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2	U	2	5.2	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.2	10	ug/L
106-44-5	4-Methylphenol	1.8	U	1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2	U	2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	0.97	U	0.97	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	0.97	U	0.97	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.2	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.94	U	0.94	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.1	U	2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020208.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.9	U	1.9	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.8	U	1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.2	10	ug/L
83-32-9	Acenaphthene	0.99	U	0.99	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.2	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.2	ug/L
86-73-7	Fluorene	0.97	U	0.97	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.86	U	0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.5	U	2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.9	U	1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	2	U	2	5.2	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	2.6	5.2	ug/L
206-44-0	Fluoranthene	2	U	2	5.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	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
BP020208.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.9	U	1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.2	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.683		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	4.841	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.117		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.81		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.425		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	18.226		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	35.527		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.999		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.444		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.188		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.862		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	37.417		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.021		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	41.81		25-125		105	SPK: -40

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0RQ7	SDG No.:	BP050624
Lab Sample ID:	P2279-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	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
BP020208.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160579

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.181		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	45.075		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	45.607		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.441		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87921	7.622				
1146-65-2	Naphthalene-d8	369987	10.387				
15067-26-2	Acenaphthene-d10	258192	14.293				
1517-22-2	Phenanthrene-d10	583079	17.128				
1719-03-5	Chrysene-d12	505133	21.627				
1520-96-3	Perylene-d12	463992	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	44	J			14.534	
000057-10-3	n-Hexadecanoic acid	3.1	J			18.092	
000057-11-4	Octadecanoic acid	2.5	J			19.439	
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:	SBLK384	SDG No.:	BP050624
Lab Sample ID:	PB160384BL	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
BP020210.D	1	4/18/2024 12:00:00 AM	5/6/2024 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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK384	SDG No.:	BP050624
Lab Sample ID:	PB160384BL	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
BP020210.D	1	4/18/2024 12:00:00 AM	5/6/2024 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:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK384	SDG No.:	BP050624
Lab Sample ID:	PB160384BL	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
BP020210.D	1	4/18/2024 12:00:00 AM	5/6/2024 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	4.694		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.556		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.795		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.126		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.619		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.398		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.761		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.086		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.301		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.179		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.335		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.822		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.623		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	25.469		25-125		64	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:	SBLK384	SDG No.:	BP050624
Lab Sample ID:	PB160384BL	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
BP020210.D	1	4/18/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.948		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	26.084		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	24.275		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.541		20-130		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123399	7.622				
1146-65-2	Naphthalene-d8	530985	10.393				
15067-26-2	Acenaphthene-d10	414676	14.298				
1517-22-2	Phenanthrene-d10	921459	17.139				
1719-03-5	Chrysene-d12	885064	21.627				
1520-96-3	Perylene-d12	819419	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SBLK744	SDG No.:	BP050624
Lab Sample ID:	PB160744BL	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
BP020211.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SBLK744	SDG No.:	BP050624
Lab Sample ID:	PB160744BL	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
BP020211.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SBLK744	SDG No.:	BP050624
Lab Sample ID:	PB160744BL	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
BP020211.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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	5.518		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.897		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.266		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.373		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.947		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.553		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.876		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.995		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.685		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.993		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.979		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.854		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.838		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.212		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SBLK744	SDG No.:	BP050624
Lab Sample ID:	PB160744BL	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
BP020211.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.012		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	32.071		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	29.787		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.376		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76221	7.622				
1146-65-2	Naphthalene-d8	324493	10.393				
15067-26-2	Acenaphthene-d10	226990	14.293				
1517-22-2	Phenanthrene-d10	518970	17.122				
1719-03-5	Chrysene-d12	536331	21.627				
1520-96-3	Perylene-d12	556601	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Y1	SDG No.:	BP050624
Lab Sample ID:	P2373-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020212.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Y1	SDG No.:	BP050624
Lab Sample ID:	P2373-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020212.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Y1	SDG No.:	BP050624
Lab Sample ID:	P2373-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020212.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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	5.068		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	6.161	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.645		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.38		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.813		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	16.534		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	36.601		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.846		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.093		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.114		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.551		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	37.084		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.489		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	38.933		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43Y1	SDG No.:	BP050624
Lab Sample ID:	P2373-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020212.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.731		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	44.181		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	48.247		15-130		121	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.37		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73105	7.622				
1146-65-2	Naphthalene-d8	304676	10.393				
15067-26-2	Acenaphthene-d10	211602	14.304				
1517-22-2	Phenanthrene-d10	441230	17.139				
1719-03-5	Chrysene-d12	320555	21.633				
1520-96-3	Perylene-d12	352716	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	4.5	J			8.71	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	2.5	J			12.881	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.7	J			17.845	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y2	SDG No.:	BP050624
Lab Sample ID:	P2373-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020213.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y2	SDG No.:	BP050624
Lab Sample ID:	P2373-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020213.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y2	SDG No.:	BP050624
Lab Sample ID:	P2373-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020213.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

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	4.183		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	5.297	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.219		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.545		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.78		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	15.982		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	31.895		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.1		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.391		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.39		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.685		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	33.004		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.203		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	36.415		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43Y2	SDG No.:	BP050624
Lab Sample ID:	P2373-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020213.D	1	5/6/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.89		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	38.189		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	35.515		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.195		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65540	7.622				
1146-65-2	Naphthalene-d8	290351	10.393				
15067-26-2	Acenaphthene-d10	217767	14.292				
1517-22-2	Phenanthrene-d10	530604	17.128				
1719-03-5	Chrysene-d12	551493	21.621				
1520-96-3	Perylene-d12	550023	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	3.7	J			8.71	
000109-21-7	Butanoic acid, butyl ester	2.1	J			12.869	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.4	J			17.845	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43K6	SDG No.:	BP050624
Lab Sample ID:	P2368-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020214.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

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	96.6	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.8	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.6	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.6	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.8	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.8	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.8	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.8	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	49.8	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43K6	SDG No.:	BP050624
Lab Sample ID:	P2368-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020214.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	49.8	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	96.6	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.6	390	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.8	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.8	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.8	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.6	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	49.8	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.8	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43K6	SDG No.:	BP050624
Lab Sample ID:	P2368-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020214.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.8	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.709		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	20.064		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.488		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.368		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.117		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.162		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.782		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.814		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.773		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.317		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.788		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.222		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.538		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.248		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43K6	SDG No.:	BP050624
Lab Sample ID:	P2368-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BP020214.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.828		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.421		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	24.562		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.238		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74101	7.616				
1146-65-2	Naphthalene-d8	315092	10.392				
15067-26-2	Acenaphthene-d10	218356	14.298				
1517-22-2	Phenanthrene-d10	523478	17.133				
1719-03-5	Chrysene-d12	570629	21.633				
1520-96-3	Perylene-d12	570649	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	87	J			3.493	
000132-64-9	Dibenzo furan	80	J			14.716	
000086-74-8	Carba zole	88	J			17.574	
000613-12-7	Anthracene, 2-methyl-	110	J			18.051	
000057-10-3	n-Hexadecanoic acid	340	J			18.098	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	130	J			18.245	
000084-65-1	9,10-Anthracenedione	92	J			18.639	
000206-44-0	Fluoran thene	930	J			19.292	
000192-97-2	Benzo[e]pyrene	370	J			23.933	
000050-32-8	Benzo[a]pyrene	93	J			24.674	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L0	SDG No.:	BP050624
Lab Sample ID:	P2368-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020215.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L0	SDG No.:	BP050624
Lab Sample ID:	P2368-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020215.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	83	U	83	97	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	97	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L0	SDG No.:	BP050624
Lab Sample ID:	P2368-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020215.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50	200	ug/Kg
218-01-9	Chrysene	36	U	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.145		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	9.948		20-120		25	SPK: -40
4165-62-2	Phenol-d5	22.962		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.36		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.336		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	14.342		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	25.479		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.25		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.432		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.771		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.546		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.89		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.263		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.288		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L0	SDG No.:	BP050624
Lab Sample ID:	P2368-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020215.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.553		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	27.96		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	32.95		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.714		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97752	7.622				
1146-65-2	Naphthalene-d8	412475	10.387				
15067-26-2	Acenaphthene-d10	288848	14.287				
1517-22-2	Phenanthrene-d10	624136	17.128				
1719-03-5	Chrysene-d12	479017	21.622				
1520-96-3	Perylene-d12	483429	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.481	
	unknown-01	110	J			3.711	
003387-41-5	Bicyclo[3.1.0]hexane, 4-methylene-	94	J			6.917	
000098-86-2	Aceto phenone	230	J			8.452	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.169	
000057-10-3	n-Hexadecanoic acid	490	J			18.098	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.239	
000781-43-1	9,10-Dimethylanthracene	180	J			19.004	
	unknown-02	120	J			19.169	
000206-44-0	Fluoran thene	340	J			19.286	
000057-11-4	Octadecanoic acid	160	J			19.439	
002381-21-7	Pyrene, 1-methyl-	110	J			20.016	
000238-84-6	11H-Benzo[a]fluorene	79	J			20.151	
003442-78-2	Pyrene, 2-methyl-	91	J			20.363	
959092-08-1	Pentafluoropropionic acid, pentade	230	J			21.316	
000050-32-8	Benzo[a]pyrene	220	J			23.927	
E966796	Total Alkanes	28	U			99	ug/Kg



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

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L0	SDG No.:	BP050624
Lab Sample ID:	P2368-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020215.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L1	SDG No.:	BP050624
Lab Sample ID:	P2368-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP020216.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.6	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.6	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.6	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.6	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.6	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L1	SDG No.:	BP050624
Lab Sample ID:	P2368-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP020216.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.6	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.6	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.6	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.6	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.6	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.6	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.6	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L1	SDG No.:	BP050624
Lab Sample ID:	P2368-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP020216.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.6	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.653		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	8.663		20-120		22	SPK: -40
4165-62-2	Phenol-d5	21.14		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.353		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.315		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.411		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	23.462		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.968		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.483		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.763		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.496		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.668		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.915		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.41		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L1	SDG No.:	BP050624
Lab Sample ID:	P2368-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP020216.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.573		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	26.848		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.614		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.389		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98135	7.622				
1146-65-2	Naphthalene-d8	419885	10.393				
15067-26-2	Acenaphthene-d10	305285	14.292				
1517-22-2	Phenanthrene-d10	688059	17.133				
1719-03-5	Chrysene-d12	648171	21.627				
1520-96-3	Perylene-d12	611183	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	210	J			8.457	
000057-10-3	n-Hexadecanoic acid	430	J			18.092	
000779-02-2	Anthracene, 9-methyl-	140	J			18.245	
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			19.01	
002789-88-0	di-p-Tolylacetylene	94	J			19.063	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.169	
000206-44-0	Fluoran thene	510	J			19.286	
000057-11-4	Octadecanoic acid	160	J			19.439	
002381-21-7	Pyrene, 1-methyl-	130	J			20.016	
003442-78-2	Pyrene, 2-methyl-	93	J			20.357	
000218-01-9	Chry sene	240	J			21.68	
002381-31-9	Benz[a]anthracene, 8-methyl-	99	J			22.392	
000192-97-2	Benzo[e]pyrene	380	J			23.91	
000050-32-8	Benzo[a]pyrene	130	J			24.663	
000207-08-9	Benzo[k]fluoranthene	390	J			24.81	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L2	SDG No.:	BP050624
Lab Sample ID:	P2368-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP020217.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	59	U	59	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	51.8	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L2	SDG No.:	BP050624
Lab Sample ID:	P2368-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP020217.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L2	SDG No.:	BP050624
Lab Sample ID:	P2368-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP020217.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.8	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.734		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	10.117		20-120		25	SPK: -40
4165-62-2	Phenol-d5	26.005		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.023		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.436		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	21.289		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	29.381		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.165		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.01		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.941		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.031		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.08		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.777		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	31.663		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L2	SDG No.:	BP050624
Lab Sample ID:	P2368-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP020217.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.973		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	32.128		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	34.937		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.605		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92569	7.617				
1146-65-2	Naphthalene-d8	391118	10.387				
15067-26-2	Acenaphthene-d10	272758	14.299				
1517-22-2	Phenanthrene-d10	603298	17.134				
1719-03-5	Chrysene-d12	524291	21.616				
1520-96-3	Perylene-d12	497036	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	200	J			8.452	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	390	J			10.199	
002531-84-2	Phenanthrene, 2-methyl-	160	J			18.051	
000057-10-3	n-Hexadecanoic acid	500	J			18.098	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			18.245	
000612-94-2	Naphthalene, 2-phenyl-	200	J			18.575	
000781-43-1	9,10-Dimethylanthracene	150	J			19.004	
001576-67-6	Phenanthrene, 3,6-dimethyl-	100	J			19.069	
137235-51-9	1,2,4,8-Tetramethylbicyclo[6.3.0]u	170	J			19.169	
000206-44-0	Fluoran thene	1800	J			19.287	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	170	J			19.439	
033543-31-6	Fluoranthene, 2-methyl-	90	J			20.016	
002381-21-7	Pyrene, 1-methyl-	83	J			20.351	
000207-08-9	Benzo[k]fluoranthene	890	J			23.922	
000192-97-2	Benzo[e]pyrene	560	J			24.663	
000205-99-2	Benzo[b]fluoranthene	1000	J			24.816	
000193-39-5	Indeno[1,2,3-cd]pyrene	420	J			28.78	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L2	SDG No.:	BP050624
Lab Sample ID:	P2368-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP020217.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L4	SDG No.:	BP050624
Lab Sample ID:	P2368-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020218.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

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:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L4	SDG No.:	BP050624
Lab Sample ID:	P2368-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020218.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

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:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L4	SDG No.:	BP050624
Lab Sample ID:	P2368-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020218.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

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	4.185		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	10.182		20-120		25	SPK: -40
4165-62-2	Phenol-d5	23.111		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.072		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.161		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	20.679		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	27.245		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.489		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.682		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.966		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.831		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.632		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.352		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.469		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L4	SDG No.:	BP050624
Lab Sample ID:	P2368-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020218.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.58		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	30.088		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.315		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.689		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90245	7.622				
1146-65-2	Naphthalene-d8	339216	10.399				
15067-26-2	Acenaphthene-d10	206827	14.293				
1517-22-2	Phenanthrene-d10	405816	17.134				
1719-03-5	Chrysene-d12	444204	21.622				
1520-96-3	Perylene-d12	535881	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	170	J			8.452	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	160	J			10.205	
	(DEL) Alkane: Straight-Chain	190	J			16.081	
1000415-41-6	Acetamide, 2-(2-thiophenyl)-N-ethy	150	J			16.951	
002531-84-2	Phenanthrene, 2-methyl-	390	J			18.04	
000613-12-7	Anthracene, 2-methyl-	750	J			18.092	
000832-69-9	Phenanthrene, 1-methyl-	170	J			18.192	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	540	J			18.245	
000610-48-0	Anthracene, 1-methyl-	190	J			18.287	
000612-94-2	Naphthalene, 2-phenyl-	300	J			18.575	
000084-65-1	9,10-Anthracenedione	160	J			18.628	
003674-69-9	Phenanthrene, 4,5-dimethyl-	130	J			18.828	
001576-67-6	Phenanthrene, 3,6-dimethyl-	210	J			18.881	
002789-88-0	di-p-Tolylacetylene	170	J			18.928	
000781-43-1	9,10-Dimethylanthracene	640	J			19.01	
001576-69-8	Phenanthrene, 2,7-dimethyl-	330	J			19.069	
003674-65-5	Phenanthrene, 2,3-dimethyl-	120	J			19.11	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L4	SDG No.:	BP050624
Lab Sample ID:	P2368-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020218.D	1	5/3/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
085385-68-8	[14]Annulene, 1,6:8,13-bis(methano	410	J			19.163	
000206-44-0	Fluoran thene	1900	J			19.287	
015096-10-3	Benzene, 1,1-[(methylthio)ethenyl	140	J			19.351	
002381-21-7	Pyrene, 1-methyl-	180	J			20.016	
003442-78-2	Pyrene, 2-methyl-	140	J			20.357	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.557	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.998	
000217-59-4	Triphenylene	410	J			21.675	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.904	
002498-76-2	Benz[a]anthracene, 2-methyl-	160	J			22.386	
000192-97-2	Benzo[e]pyrene	1400	J			23.922	
000207-08-9	Benzo[k]fluoranthene	860	J			24.669	
000205-99-2	Benzo[b]fluoranthene	1500	J			24.822	
000191-26-4	Dibenzo[def,mno]chrysene	130	J			28.762	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L6	SDG No.:	BP050624
Lab Sample ID:	P2368-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020219.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.6	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	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.6	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.6	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.6	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.6	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.6	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L6	SDG No.:	BP050624
Lab Sample ID:	P2368-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020219.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.6	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.6	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	40	U	40	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.6	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.6	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	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	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.6	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.6	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.6	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.6	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L6	SDG No.:	BP050624
Lab Sample ID:	P2368-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020219.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.6	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	52.6	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.221		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	4.628	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	22.321		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.024		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.625		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.195		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	25.381		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.616		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.051		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.847		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.418		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.589		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.976		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	27.958		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L6	SDG No.:	BP050624
Lab Sample ID:	P2368-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020219.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.316		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	29.362		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	34.409		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.255		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107902	7.622				
1146-65-2	Naphthalene-d8	463339	10.393				
15067-26-2	Acenaphthene-d10	323729	14.292				
1517-22-2	Phenanthrene-d10	684256	17.127				
1719-03-5	Chrysene-d12	495021	21.627				
1520-96-3	Perylene-d12	504385	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-42-5	Styrene	100	J			5.652	
000098-86-2	Aceto phenone	210	J			8.451	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	130	J			10.198	
	(DEL) Alkane: Straight-Chain16.092	190	J			16.092	
000233-02-3	Naphtho[2,1-b]thiophene	130	J			16.939	
000832-69-9	Phenanthrene, 1-methyl-	220	J			18.039	
002531-84-2	Phenanthrene, 2-methyl-	520	J			18.092	
000613-12-7	Anthracene, 2-methyl-	140	J			18.18	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	460	J			18.245	
000832-64-4	Phenanthrene, 4-methyl-	210	J			18.286	
000612-94-2	Naphthalene, 2-phenyl-	150	J			18.569	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			18.822	
000483-87-4	Phenanthrene, 1,7-dimethyl-	140	J			18.88	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.922	
000781-43-1	9,10-Dimethylanthracene	520	J			19.01	
002789-88-0	di-p-Tolylacetylene	270	J			19.069	
005737-13-3	Cyclopenta(def)phenanthrenone	390	J			19.169	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L6	SDG No.:	BP050624
Lab Sample ID:	P2368-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020219.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000206-44-0	Fluoran thene	1400	J			19.28	
000129-00-0	Py rene	120	J			19.439	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	140	J			19.751	
002381-21-7	Pyrene, 1-methyl-	250	J			20.01	
000243-17-4	11H-Benzo[b]fluorene	210	J			20.163	
000238-84-6	11H-Benzo[a]fluorene	160	J			20.186	
003442-78-2	Pyrene, 2-methyl-	200	J			20.351	
003353-12-6	Pyrene, 4-methyl-	170	J			20.498	
	unknown-01	150	J			20.551	
001705-84-6	Triphenylene, 2-methyl-	170	J			22.392	
000192-97-2	Benzo[e]pyrene	1400	J			23.933	
000207-08-9	Benzo[k]fluoranthene	870	J			24.668	
000205-99-2	Benzo[b]fluoranthene	1500	J			24.821	
000193-39-5	Indeno[1,2,3-cd]pyrene	250	J			28.792	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L7	SDG No.:	BP050624
Lab Sample ID:	P2368-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020220.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.7	88	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	57	U	57	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	53	U	53	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	56	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56	220	ug/Kg
78-59-1	Isophorone	63	U	63	56	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56	220	ug/Kg
91-20-3	Naphthalene	33	U	33	56	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	56	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L7	SDG No.:	BP050624
Lab Sample ID:	P2368-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020220.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56	220	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56	220	ug/Kg
86-73-7	Fluorene	33	U	33	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56	220	ug/Kg
1912-24-9	Atrazine	94	U	94	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	56	220	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56	220	ug/Kg
120-12-7	Anthracene	33	U	33	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56	220	ug/Kg
86-74-8	Carbazole	37	U	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	56	220	ug/Kg
206-44-0	Fluoranthene	71	U	71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L7	SDG No.:	BP050624
Lab Sample ID:	P2368-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020220.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	56	220	ug/Kg
218-01-9	Chrysene	41	U	41	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.036		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	8.173		20-120		20	SPK: -40
4165-62-2	Phenol-d5	23.709		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.356		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.601		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.698		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.237		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.03		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.972		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.245		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.427		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.331		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.344		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	27.504		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L7	SDG No.:	BP050624
Lab Sample ID:	P2368-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020220.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.668		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	29.6		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.045		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.177		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90353	7.622				
1146-65-2	Naphthalene-d8	385725	10.393				
15067-26-2	Acenaphthene-d10	273653	14.292				
1517-22-2	Phenanthrene-d10	591233	17.128				
1719-03-5	Chrysene-d12	523230	21.621				
1520-96-3	Perylene-d12	534492	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	230	J			8.451	
	(DEL) Alkane: Straight-Chain	16.092	J			16.092	
	(DEL) Alkane: Straight-Chain	16.945	J			16.945	
000832-69-9	Phenanthrene, 1-methyl-	320	J			18.045	
002531-84-2	Phenanthrene, 2-methyl-	800	J			18.092	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	260	J			18.18	
000610-48-0	Anthracene, 1-methyl-	930	J			18.239	
004505-48-0	1H-Indene, 2-phenyl-	290	J			18.28	
089816-75-1	2,6-Dimethyldibenzothiophene	230	J			18.463	
000612-94-2	Naphthalene, 2-phenyl-	280	J			18.569	
031317-19-8	2,7-Dimethyldibenzothiophene	240	J			18.622	
089816-53-5	1,7-Dimethyldibenzothiophene	210	J			18.798	
001576-67-6	Phenanthrene, 3,6-dimethyl-	380	J			18.88	
001576-69-8	Phenanthrene, 2,7-dimethyl-	440	J			18.922	
003674-66-6	Phenanthrene, 2,5-dimethyl-	1400	J			19.004	
000781-43-1	9,10-Dimethylanthracene	670	J			19.063	
1000452-24-5	3,4-Dimethylphenanthrene	260	J			19.11	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L7	SDG No.:	BP050624
Lab Sample ID:	P2368-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020220.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005737-13-3	Cyclopenta(def)phenanthrenone	790	J			19.163	
000206-44-0	Fluoran thene	2200	J			19.28	
	unknown-01	380	J			19.357	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	200	J			19.751	
002381-21-7	Pyrene, 1-methyl-	330	J			20.004	
033543-31-6	Fluoranthene, 2-methyl-	240	J			20.157	
000243-17-4	11H-Benzo[b]fluorene	230	J			20.192	
003442-78-2	Pyrene, 2-methyl-	290	J			20.351	
000217-59-4	Triphenylene	540	J			21.68	
001705-84-6	Triphenylene, 2-methyl-	290	J			22.392	
000192-97-2	Benzo[e]pyrene	1000	J			23.915	
000207-08-9	Benzo[k]fluoranthene	1400	J			24.662	
000205-99-2	Benzo[b]fluoranthene	2400	J			24.815	
000198-55-0	Perylene	230	J			25.062	
000191-24-2	Benzo[ghi]perylene	240	J			28.768	
E966796	Total Alkanes	560				99	ug/Kg



Client:				Date Collected:	5/1/2024 12:00:00 AM	
Project:				Date Received:	5/1/2024 12:00:00 AM	
Client Sample ID:	A43M2			SDG No.:	BP050624	
Lab Sample ID:	P2368-19			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	16.6	
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
BP020221.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

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	98.6	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.6	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.8	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.6	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.6	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.6	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	98.6	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	27	U	27	50.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.6	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:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43M2	SDG No.:	BP050624
Lab Sample ID:	P2368-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BP020221.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

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	98.6	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.6	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.6	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	98.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.6	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	98.6	390	ug/Kg
87-86-5	Pentachlorophenol	950		88	98.6	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	98.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.8	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	98.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43M2	SDG No.:	BP050624
Lab Sample ID:	P2368-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BP020221.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

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	98.6	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	98.6	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	4.204		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.952		20-120		27	SPK: -40
4165-62-2	Phenol-d5	22.576		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.406		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.202		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	21.647		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	26.446		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.605		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.917		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.302		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.038		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.508		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.279		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	26.019		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43M2	SDG No.:	BP050624
Lab Sample ID:	P2368-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BP020221.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.522		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	28.648		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	25.4		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.162		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104152	7.622				
1146-65-2	Naphthalene-d8	411863	10.393				
15067-26-2	Acenaphthene-d10	246185	14.287				
1517-22-2	Phenanthrene-d10	427051	17.122				
1719-03-5	Chrysene-d12	410553	21.621				
1520-96-3	Perylene-d12	504083	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	290	J			8.452	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	400	J			10.193	
000233-02-3	Naphtho[2,1-b]thiophene	270	J			16.933	
000085-02-9	Benzo[f]quinoline	220	J			17.528	
000244-99-5	5H-Indeno[1,2-b]pyridine	920	J			17.557	
000605-02-7	Naphthalene, 1-phenyl-	250	J			17.669	
030084-90-3	2-Fluorencarboxaldehyde	250	J			17.745	
000832-69-9	Phenanthrene, 1-methyl-	750	J			18.039	
002531-84-2	Phenanthrene, 2-methyl-	1500	J			18.086	
107426-38-0	Naphtho[2,3-b]norbornadiene	640	J			18.239	
004505-48-0	1H-Indene, 2-phenyl-	560	J			18.281	
000612-94-2	Naphthalene, 2-phenyl-	680	J			18.569	
000084-65-1	9,10-Anthracenedione	1800	J			18.628	
002789-88-0	di-p-Tolylacetylene	390	J			19.004	
000081-84-5	Naphthalic anhydride	330	J			19.051	
005737-13-3	Cyclopenta(def)phenanthrenone	1200	J			19.157	
000206-44-0	Fluoran thene	13000	J			19.298	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43M2	SDG No.:	BP050624
Lab Sample ID:	P2368-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BP020221.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000479-79-8	11H-Benzo[a]fluoren-11-one	240	J			20.992	
000056-55-3	Benz[a]anthracene	860	J			21.674	
002498-66-0	Benz(a)anthracene-7,12-dione	230	J			22.492	
006373-11-1	Aceanthrenequinone	640	J			23.38	
	unknown-01	690	J			23.545	
117054-70-3	2,6-(Etheno[1,4]benzenoetheno)naph	590	J			23.733	
000207-08-9	Benzo[k]fluoranthene	11000	J			23.939	
000205-99-2	Benzo[b]fluoranthene	820	J			24.192	
000192-97-2	Benzo[e]pyrene	4700	J			24.674	
000050-32-8	Benzo[a]pyrene	6800	J			24.845	
000198-55-0	Perylene	880	J			25.057	
000193-39-5	Indeno[1,2,3-cd]pyrene	2400	J			28.815	
000191-24-2	Benzo[ghi]perylene	3700	J			30.003	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L5	SDG No.:	BP050624
Lab Sample ID:	P2368-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP020222.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

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	96.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.7	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.8	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.7	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.7	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.8	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.8	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.8	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.8	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	49.8	200	ug/Kg
105-60-2	Caprolactam	84	U	84	96.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L5	SDG No.:	BP050624
Lab Sample ID:	P2368-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP020222.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	49.8	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	96.7	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.8	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.8	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	49.8	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.7	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.7	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	49.8	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	49.8	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L5	SDG No.:	BP050624
Lab Sample ID:	P2368-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP020222.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.8	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.963		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	10.814		20-120		27	SPK: -40
4165-62-2	Phenol-d5	23		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.232		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.626		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	21.926		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.653		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.236		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.428		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.057		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.285		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.779		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.171		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.07		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L5	SDG No.:	BP050624
Lab Sample ID:	P2368-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP020222.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.132		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	28.122		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	30.837		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.119		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114265	7.622				
1146-65-2	Naphthalene-d8	497673	10.393				
15067-26-2	Acenaphthene-d10	345127	14.293				
1517-22-2	Phenanthrene-d10	729677	17.128				
1719-03-5	Chrysene-d12	522603	21.622				
1520-96-3	Perylene-d12	555108	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	210	J			8.452	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	220	J			10.193	
	(DEL) Alkane: Straight-Chain	130	J			16.081	
000132-65-0	Dibenzothiophene	120	J			16.945	
031317-07-4	1-Methyldibenzothiophene	110	J			17.734	
002531-84-2	Phenanthrene, 2-methyl-	260	J			18.045	
000613-12-7	Anthracene, 2-methyl-	570	J			18.092	
000832-69-9	Phenanthrene, 1-methyl-	490	J			18.245	
000832-64-4	Phenanthrene, 4-methyl-	220	J			18.287	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	120	J			18.575	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.881	
002789-88-0	di-p-Tolylacetylene	130	J			18.928	
003674-66-6	Phenanthrene, 2,5-dimethyl-	480	J			19.01	
001576-69-8	Phenanthrene, 2,7-dimethyl-	240	J			19.069	
	unknown-01	360	J			19.169	
000206-44-0	Fluoran thene	1400	J			19.286	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	130	J			19.751	

Report of Analysis

Client:		Date Collected:	5/1/2024 12:00:00 AM
Project:		Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	A43L5	SDG No.:	BP050624
Lab Sample ID:	P2368-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP020222.D	1	5/3/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160715

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	89	J			19.922	
002381-21-7	Pyrene, 1-methyl-	220	J			20.016	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.163	
000238-84-6	11H-Benzo[a]fluorene	120	J			20.192	
003442-78-2	Pyrene, 2-methyl-	190	J			20.357	
003353-12-6	Pyrene, 4-methyl-	130	J			20.504	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.551	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.004	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	91	J			21.18	
002541-69-7	Benz[a]anthracene, 7-methyl-	150	J			22.398	
003351-32-4	2-Methylchrysene	87	J			22.674	
000192-97-2	Benzo[e]pyrene	950	J			23.933	
000207-08-9	Benzo[k]fluoranthene	550	J			24.669	
000205-99-2	Benzo[b]fluoranthene	1000	J			24.833	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP050624
Lab Sample ID:	PB160744BS	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
BP020223.D	1	5/6/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	36		1.1	5	10	ug/L
110-86-1	Pyridine	25		1.7	10	10	ug/L
108-95-2	Phenol	28		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5	10	ug/L
98-86-2	Acetophenone	28		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		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	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	30		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	30		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.5	2.5	5	ug/L
105-60-2	Caprolactam	36		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	31		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		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	36		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP050624
Lab Sample ID:	PB160744BS	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
BP020223.D	1	5/6/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	32		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		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	34		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	34		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	34		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.2	2.5	5	ug/L
1912-24-9	Atrazine	36		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	39		1.9	5	10	ug/L
85-01-8	Phenanthrene	32		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		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	31		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP050624
Lab Sample ID:	PB160744BS	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
BP020223.D	1	5/6/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		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	31		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	32		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		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	25.435		20-120		64	SPK: -40
4165-62-2	Phenol-d5	28.886		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.814		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.374		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.147		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	31.613		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.315		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.259		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.579		1-146		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.194		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.616		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.541		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	33.703		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	5/6/2024 12:00:00 AM
Project:		Date Received:	5/6/2024 12:00:00 AM
Client Sample ID:	SLCS744	SDG No.:	BP050624
Lab Sample ID:	PB160744BS	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
BP020223.D	1	5/6/2024 12:00:00 AM	5/7/2024 12:00:00 AM	PB160744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.474		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	35.284		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	32.072		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.889		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111944	7.622				
1146-65-2	Naphthalene-d8	459767	10.393				
15067-26-2	Acenaphthene-d10	336042	14.298				
1517-22-2	Phenanthrene-d10	756571	17.133				
1719-03-5	Chrysene-d12	758956	21.621				
1520-96-3	Perylene-d12	765338	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP050624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL		RDL	Units
Client ID :		C0RQ4							
P2279-01	C0RQ4	Water	(DEL) Alkane: Cyclic	21.315	*	2.000	J		
P2279-01	C0RQ4	Water	n-Hexadecanoic acid		*	4.400	J		
P2279-01	C0RQ4	Water	Octadecanoic acid		*	4.500	J		
P2279-01	C0RQ4	Water	Total Alkanes		*	2.000	1.1	5	ug/L
Total Tics :						12.90			
Total Concentration:						12.90			
Client ID :		C0RQ5							
P2279-02	C0RQ5	Water	n-Hexadecanoic acid		*	5.200	J		
P2279-02	C0RQ5	Water	Octadecanoic acid		*	4.400	J		
P2279-02	C0RQ5	Water	Squalene		*	5.600	J		
P2279-02	C0RQ5	Water	Total Alkanes		*	0.000	1.1	5.1	ug/L
Total Tics :						15.20			
P2279-02	C0RQ5	Water	1,4-Dioxane			1.100	J 0.36	2	ug/L
Total Svoc :						1.10			
Total Concentration:						16.30			
Client ID :		C0RQ6							
P2279-03	C0RQ6	Water	n-Hexadecanoic acid		*	2.400	J		
P2279-03	C0RQ6	Water	Octadecanoic acid		*	3.600	J		
P2279-03	C0RQ6	Water	unknown-01		*	34.000	J		
P2279-03	C0RQ6	Water	Total Alkanes		*	0.000	1.1	5.1	ug/L
Total Tics :						40.00			
Total Concentration:						40.00			
Client ID :		C0RQ7							
P2279-04	C0RQ7	Water	n-Hexadecanoic acid		*	3.100	J		
P2279-04	C0RQ7	Water	Octadecanoic acid		*	2.600	J		
P2279-04	C0RQ7	Water	unknown-01		*	48.000	J		
P2279-04	C0RQ7	Water	Total Alkanes		*	0.000	1.1	5.2	ug/L
P2279-04	C0RQ7	Water	n-Hexadecanoic acid		*	3.100	J		
P2279-04	C0RQ7	Water	Octadecanoic acid		*	2.500	J		
P2279-04	C0RQ7	Water	unknown-01		*	44.000	J		
P2279-04	C0RQ7	Water	Total Alkanes		*	0.000	1.1	5.2	ug/L
Total Tics :						103.30			
Total Concentration:						103.30			
Client ID :		C0RQ8							
P2279-05	C0RQ8	Water	Dichloroacetic acid, heptadecyl es		*	3.900	J		
P2279-05	C0RQ8	Water	n-Hexadecanoic acid		*	37.000	J		

Hit Summary Sheet SW-846

SDG No.: BP050624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2279-05	C0RQ8	Water	Octadecanoic acid	*	61.000	J		
P2279-05	C0RQ8	Water	unknown-01	*	14.000	J		
P2279-05	C0RQ8	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					115.90			
Total Concentration:					115.90			
Client ID : C0RQ9								
P2279-06	C0RQ9	Water	Behenic alcohol	*	6.500	J		
P2279-06	C0RQ9	Water	n-Hexadecanoic acid	*	46.000	J		
P2279-06	C0RQ9	Water	Octadecanoic acid	*	77.000	J		
P2279-06	C0RQ9	Water	unknown-01	*	22.000	J		
P2279-06	C0RQ9	Water	unknown-02	*	25.000	J		
P2279-06	C0RQ9	Water	Total Alkanes	*	0.000	1.1	5.2	ug/L
Total Tics :					176.50			
Total Concentration:					176.50			
Client ID : A43K6								
P2368-01	A43K6	Solid	9,10-Anthracenedione	*	92.000	J		
P2368-01	A43K6	Solid	Anthracene, 2-methyl-	*	110.000	J		
P2368-01	A43K6	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	130.000	J		
P2368-01	A43K6	Solid	Benzo[a]pyrene	*	93.000	J		
P2368-01	A43K6	Solid	Benzo[e]pyrene	*	370.000	J		
P2368-01	A43K6	Solid	Carba zole	*	88.000	J		
P2368-01	A43K6	Solid	Dibenzo furan	*	80.000	J		
P2368-01	A43K6	Solid	Fluoran thene	*	930.000	J		
P2368-01	A43K6	Solid	n-Hexadecanoic acid	*	340.000	J		
P2368-01	A43K6	Solid	Propylene Glycol	*	87.000	J		
P2368-01	A43K6	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					2,320.00			
Total Concentration:					2,320.00			
Client ID : A43L0								
P2368-07	A43L0	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2368-07	A43L0	Solid	11H-Benzo[a]fluorene	*	79.000	J		
P2368-07	A43L0	Solid	9,10-Dimethylanthracene	*	180.000	J		
P2368-07	A43L0	Solid	Aceto phenone	*	230.000	J		
P2368-07	A43L0	Solid	Benzo[a]pyrene	*	220.000	J		
P2368-07	A43L0	Solid	Bicyclo[3.1.0]hexane, 4-methylen	*	94.000	J		
P2368-07	A43L0	Solid	Fluoran thene	*	340.000	J		
P2368-07	A43L0	Solid	n-Hexadecanoic acid	*	490.000	J		
P2368-07	A43L0	Solid	Octadecanoic acid	*	160.000	J		
P2368-07	A43L0	Solid	Pentafluoropropionic acid, pentad	*	230.000	J		

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-07	A43L0	Solid	Phenanthrene, 1-methyl-	*	130.000	J		
P2368-07	A43L0	Solid	Propylene Glycol	*	160.000	J		
P2368-07	A43L0	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2368-07	A43L0	Solid	Pyrene, 2-methyl-	*	91.000	J		
P2368-07	A43L0	Solid	unknown-01	*	110.000	J		
P2368-07	A43L0	Solid	unknown-02	*	120.000	J		
P2368-07	A43L0	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					2,854.00			
Total Concentration:					2,854.00			

Client ID : A43L1

P2368-08	A43L1	Solid	Aceto phenone	*	210.000	J		
P2368-08	A43L1	Solid	Anthracene, 9-methyl-	*	140.000	J		
P2368-08	A43L1	Solid	Benz[a]anthracene, 8-methyl-	*	99.000	J		
P2368-08	A43L1	Solid	Benzo[a]pyrene	*	130.000	J		
P2368-08	A43L1	Solid	Benzo[e]pyrene	*	380.000	J		
P2368-08	A43L1	Solid	Benzo[k]fluoranthene	*	390.000	J		
P2368-08	A43L1	Solid	Chry sene	*	240.000	J		
P2368-08	A43L1	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2368-08	A43L1	Solid	di-p-Tolylacetylene	*	94.000	J		
P2368-08	A43L1	Solid	Fluoran thene	*	510.000	J		
P2368-08	A43L1	Solid	n-Hexadecanoic acid	*	430.000	J		
P2368-08	A43L1	Solid	Octadecanoic acid	*	160.000	J		
P2368-08	A43L1	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J		
P2368-08	A43L1	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2368-08	A43L1	Solid	Pyrene, 2-methyl-	*	93.000	J		
P2368-08	A43L1	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					3,326.00			
Total Concentration:					3,326.00			

Client ID : A43L2

P2368-09	A43L2	Solid	1,2,4,8-Tetramethylbicyclo[6.3.0]	*	170.000	J		
P2368-09	A43L2	Solid	4H-Cyclopenta[def]phenanthrene	*	320.000	J		
P2368-09	A43L2	Solid	9,10-Dimethylanthracene	*	150.000	J		
P2368-09	A43L2	Solid	Aceto phenone	*	200.000	J		
P2368-09	A43L2	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	170.000	J		
P2368-09	A43L2	Solid	Benzo[b]fluoranthene	*	1,000.000	J		
P2368-09	A43L2	Solid	Benzo[e]pyrene	*	560.000	J		
P2368-09	A43L2	Solid	Benzo[k]fluoranthene	*	890.000	J		
P2368-09	A43L2	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	390.000	J		
P2368-09	A43L2	Solid	Fluoran thene	*	1,800.000	J		

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-09	A43L2	Solid	Fluoranthene, 2-methyl-	*	90.000	J		
P2368-09	A43L2	Solid	Indeno[1,2,3-cd]pyrene	*	420.000	J		
P2368-09	A43L2	Solid	n-Hexadecanoic acid	*	500.000	J		
P2368-09	A43L2	Solid	Naphthalene, 2-phenyl-	*	200.000	J		
P2368-09	A43L2	Solid	Phenanthrene, 2-methyl-	*	160.000	J		
P2368-09	A43L2	Solid	Phenanthrene, 3,6-dimethyl-	*	100.000	J		
P2368-09	A43L2	Solid	Pyrene, 1-methyl-	*	83.000	J		
P2368-09	A43L2	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					7,203.00			
Total Concentration:					7,203.00			

Client ID : A43L4

P2368-11	A43L4	Solid	(DEL) Alkane: Straight-Chain16.(	*	190.000	J		
P2368-11	A43L4	Solid	[14]Annulene, 1,6:8,13-bis(metha	*	410.000	J		
P2368-11	A43L4	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2368-11	A43L4	Solid	5H-Dibenzo[a,d]cycloheptene	*	540.000	J		
P2368-11	A43L4	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2368-11	A43L4	Solid	9,10-Anthracenedione	*	160.000	J		
P2368-11	A43L4	Solid	9,10-Dimethylanthracene	*	640.000	J		
P2368-11	A43L4	Solid	Acetamide, 2-(2-thiophenyl)-N-et	*	150.000	J		
P2368-11	A43L4	Solid	Aceto phenone	*	170.000	J		
P2368-11	A43L4	Solid	Anthracene, 1-methyl-	*	190.000	J		
P2368-11	A43L4	Solid	Anthracene, 2-methyl-	*	750.000	J		
P2368-11	A43L4	Solid	Benz[a]anthracene, 2-methyl-	*	160.000	J		
P2368-11	A43L4	Solid	Benzene, 1,1-[(methylthio)ethenyl	*	140.000	J		
P2368-11	A43L4	Solid	Benzo[b]fluoranthene	*	1,500.000	J		
P2368-11	A43L4	Solid	Benzo[e]pyrene	*	1,400.000	J		
P2368-11	A43L4	Solid	Benzo[k]fluoranthene	*	860.000	J		
P2368-11	A43L4	Solid	di-p-Tolylacetylene	*	170.000	J		
P2368-11	A43L4	Solid	Dibenzo[def,mno]chrysene	*	130.000	J		
P2368-11	A43L4	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	160.000	J		
P2368-11	A43L4	Solid	Fluoran thene	*	1,900.000	J		
P2368-11	A43L4	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P2368-11	A43L4	Solid	Naphthalene, 2-phenyl-	*	300.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 2,3-dimethyl-	*	120.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 2,7-dimethyl-	*	330.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 2-methyl-	*	390.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 3,6-dimethyl-	*	210.000	J		
P2368-11	A43L4	Solid	Phenanthrene, 4,5-dimethyl-	*	130.000	J		
P2368-11	A43L4	Solid	Pyrene, 1-methyl-	*	180.000	J		

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-11	A43L4	Solid	Pyrene, 2-methyl-	*	140.000	J		
P2368-11	A43L4	Solid	Triphenylene	*	410.000	J		
P2368-11	A43L4	Solid	Total Alkanes	*	190.000	28	200	ug/Kg
Total Tics :					12,520.00			
Total Concentration:					12,520.00			

Client ID : A43L5

P2368-12	A43L5	Solid	(DEL) Alkane: Straight-Chain16.(	*	130.000	J		
P2368-12	A43L5	Solid	1-Methyldibenzothiophene	*	110.000	J		
P2368-12	A43L5	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2368-12	A43L5	Solid	11H-Benzo[a]fluorene	*	120.000	J		
P2368-12	A43L5	Solid	11H-Benzo[b]fluorene	*	180.000	J		
P2368-12	A43L5	Solid	2-Methylchrysene	*	87.000	J		
P2368-12	A43L5	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	120.000	J		
P2368-12	A43L5	Solid	Aceto phenone	*	210.000	J		
P2368-12	A43L5	Solid	Anthracene, 2-methyl-	*	570.000	J		
P2368-12	A43L5	Solid	Benz[a]anthracene, 7-methyl-	*	150.000	J		
P2368-12	A43L5	Solid	Benzo[b]fluoranthene	*	1,000.000	J		
P2368-12	A43L5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	91.000	J		
P2368-12	A43L5	Solid	Benzo[e]pyrene	*	950.000	J		
P2368-12	A43L5	Solid	Benzo[k]fluoranthene	*	550.000	J		
P2368-12	A43L5	Solid	di-p-Tolylacetylene	*	130.000	J		
P2368-12	A43L5	Solid	Dibenzothiophene	*	120.000	J		
P2368-12	A43L5	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	220.000	J		
P2368-12	A43L5	Solid	Fluoran thene	*	1,400.000	J		
P2368-12	A43L5	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 1-methyl-	*	490.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 2,3,5-trimethyl-	*	130.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 2,5-dimethyl-	*	480.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 2,7-dimethyl-	*	240.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 2-methyl-	*	260.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2368-12	A43L5	Solid	Phenanthrene, 4-methyl-	*	220.000	J		
P2368-12	A43L5	Solid	Pyrene, 1-methyl-	*	220.000	J		
P2368-12	A43L5	Solid	Pyrene, 2-methyl-	*	190.000	J		
P2368-12	A43L5	Solid	Pyrene, 4-methyl-	*	130.000	J		
P2368-12	A43L5	Solid	unknown-01	*	360.000	J		
P2368-12	A43L5	Solid	unknown-02	*	89.000	J		
P2368-12	A43L5	Solid	Total Alkanes	*	130.000	28	200	ug/Kg
Total Tics :					9,447.00			

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				9,447.00				
Client ID : A43L6								
P2368-13	A43L6	Solid	(DEL) Alkane: Straight-Chain16.(	*	190.000	J		
P2368-13	A43L6	Solid	11H-Benzo[a]fluorene	*	160.000	J		
P2368-13	A43L6	Solid	11H-Benzo[b]fluorene	*	210.000	J		
P2368-13	A43L6	Solid	5H-Dibenzo[a,d]cycloheptene	*	460.000	J		
P2368-13	A43L6	Solid	9,10-Dimethylanthracene	*	520.000	J		
P2368-13	A43L6	Solid	Aceto phenone	*	210.000	J		
P2368-13	A43L6	Solid	Anthracene, 2-methyl-	*	140.000	J		
P2368-13	A43L6	Solid	Benzo[b]fluoranthene	*	1,500.000	J		
P2368-13	A43L6	Solid	Benzo[e]pyrene	*	1,400.000	J		
P2368-13	A43L6	Solid	Benzo[k]fluoranthene	*	870.000	J		
P2368-13	A43L6	Solid	Cyclopenta(def)phenanthrenone	*	390.000	J		
P2368-13	A43L6	Solid	di-p-Tolylacetylene	*	270.000	J		
P2368-13	A43L6	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	130.000	J		
P2368-13	A43L6	Solid	Fluoran thene	*	1,400.000	J		
P2368-13	A43L6	Solid	Indeno[1,2,3-cd]pyrene	*	250.000	J		
P2368-13	A43L6	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
P2368-13	A43L6	Solid	Naphtho[2,1-b]thiophene	*	130.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 1,7-dimethyl-	*	140.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 1-methyl-	*	220.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 2,3,5-trimethyl-	*	140.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 2-methyl-	*	520.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P2368-13	A43L6	Solid	Phenanthrene, 4-methyl-	*	210.000	J		
P2368-13	A43L6	Solid	Py rene	*	120.000	J		
P2368-13	A43L6	Solid	Pyrene, 1-methyl-	*	250.000	J		
P2368-13	A43L6	Solid	Pyrene, 2-methyl-	*	200.000	J		
P2368-13	A43L6	Solid	Pyrene, 4-methyl-	*	170.000	J		
P2368-13	A43L6	Solid	Styrene	*	100.000	J		
P2368-13	A43L6	Solid	Triphenylene, 2-methyl-	*	170.000	J		
P2368-13	A43L6	Solid	unknown-01	*	150.000	J		
P2368-13	A43L6	Solid	Total Alkanes	*	190.000		30	210 ug/Kg
Total Tics :				11,250.00				
Total Concentration:				11,250.00				
Client ID : A43L7								
P2368-14	A43L7	Solid	(DEL) Alkane: Straight-Chain16.(	*	310.000	J		
P2368-14	A43L7	Solid	(DEL) Alkane: Straight-Chain16.5	*	250.000	J		

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-14	A43L7	Solid	1,7-Dimethyldibenzothiophene	*	210.000	J		
P2368-14	A43L7	Solid	11H-Benzo[b]fluorene	*	230.000	J		
P2368-14	A43L7	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	260.000	J		
P2368-14	A43L7	Solid	1H-Indene, 2-phenyl-	*	290.000	J		
P2368-14	A43L7	Solid	2,6-Dimethyldibenzothiophene	*	230.000	J		
P2368-14	A43L7	Solid	2,7-Dimethyldibenzothiophene	*	240.000	J		
P2368-14	A43L7	Solid	3,4-Dimethylphenanthrene	*	260.000	J		
P2368-14	A43L7	Solid	9,10-Dimethylanthracene	*	670.000	J		
P2368-14	A43L7	Solid	Aceto phenone	*	230.000	J		
P2368-14	A43L7	Solid	Anthracene, 1-methyl-	*	930.000	J		
P2368-14	A43L7	Solid	Benzo[b]fluoranthene	*	2,400.000	J		
P2368-14	A43L7	Solid	Benzo[e]pyrene	*	1,000.000	J		
P2368-14	A43L7	Solid	Benzo[ghi]perylene	*	240.000	J		
P2368-14	A43L7	Solid	Benzo[k]fluoranthene	*	1,400.000	J		
P2368-14	A43L7	Solid	Cyclopenta(def)phenanthrenone	*	790.000	J		
P2368-14	A43L7	Solid	Fluoran thene	*	2,200.000	J		
P2368-14	A43L7	Solid	Fluoranthene, 2-methyl-	*	240.000	J		
P2368-14	A43L7	Solid	Naphthalene, 2-phenyl-	*	280.000	J		
P2368-14	A43L7	Solid	Perylene	*	230.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 1-methyl-	*	320.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 2,3,5-trimethyl-	*	200.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 2,5-dimethyl-	*	1,400.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 2,7-dimethyl-	*	440.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 2-methyl-	*	800.000	J		
P2368-14	A43L7	Solid	Phenanthrene, 3,6-dimethyl-	*	380.000	J		
P2368-14	A43L7	Solid	Pyrene, 1-methyl-	*	330.000	J		
P2368-14	A43L7	Solid	Pyrene, 2-methyl-	*	290.000	J		
P2368-14	A43L7	Solid	Triphenylene	*	540.000	J		
P2368-14	A43L7	Solid	Triphenylene, 2-methyl-	*	290.000	J		
P2368-14	A43L7	Solid	unknown-01	*	380.000	J		
P2368-14	A43L7	Solid	Total Alkanes	*	560.000	32	220	ug/Kg

Total Tics : 18,820.00

Total Concentration: 18,820.00

Client ID : A43M2

P2368-19	A43M2	Solid	11H-Benzo[a]fluoren-11-one	*	240.000	J		
P2368-19	A43M2	Solid	1H-Indene, 2-phenyl-	*	560.000	J		
P2368-19	A43M2	Solid	2,6-(Etheno[1,4]benzenoetheno)ne	*	590.000	J		
P2368-19	A43M2	Solid	2-Fluorene carboxaldehyde	*	250.000	J		
P2368-19	A43M2	Solid	5H-Indeno[1,2-b]pyridine	*	920.000	J		
P2368-19	A43M2	Solid	9,10-Anthracenedione	*	1,800.000	J		

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SDG No.: BP050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-19	A43M2	Solid	Aceanthrenequinone	*	640.000	J		
P2368-19	A43M2	Solid	Aceto phenone	*	290.000	J		
P2368-19	A43M2	Solid	Benz(a)anthracene-7,12-dione	*	230.000	J		
P2368-19	A43M2	Solid	Benz[a]anthracene	*	860.000	J		
P2368-19	A43M2	Solid	Benzo[a]pyrene	*	6,800.000	J		
P2368-19	A43M2	Solid	Benzo[b]fluoranthene	*	820.000	J		
P2368-19	A43M2	Solid	Benzo[e]pyrene	*	4,700.000	J		
P2368-19	A43M2	Solid	Benzo[f]quinoline	*	220.000	J		
P2368-19	A43M2	Solid	Benzo[ghi]perylene	*	3,700.000	J		
P2368-19	A43M2	Solid	Benzo[k]fluoranthene	*	11,000.000	J		
P2368-19	A43M2	Solid	Cyclopenta(def)phenanthrenone	*	1,200.000	J		
P2368-19	A43M2	Solid	di-p-Tolylacetylene	*	390.000	J		
P2368-19	A43M2	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	400.000	J		
P2368-19	A43M2	Solid	Fluoran thene	*	13,000.000	J		
P2368-19	A43M2	Solid	Indeno[1,2,3-cd]pyrene	*	2,400.000	J		
P2368-19	A43M2	Solid	Naphthalene, 1-phenyl-	*	250.000	J		
P2368-19	A43M2	Solid	Naphthalene, 2-phenyl-	*	680.000	J		
P2368-19	A43M2	Solid	Naphthalic anhydride	*	330.000	J		
P2368-19	A43M2	Solid	Naphtho[2,1-b]thiophene	*	270.000	J		
P2368-19	A43M2	Solid	Naphtho[2,3-b]norbornadiene	*	640.000	J		
P2368-19	A43M2	Solid	Perylene	*	880.000	J		
P2368-19	A43M2	Solid	Phenanthrene, 1-methyl-	*	750.000	J		
P2368-19	A43M2	Solid	Phenanthrene, 2-methyl-	*	1,500.000	J		
P2368-19	A43M2	Solid	unknown-01	*	690.000	J		
P2368-19	A43M2	Solid	Total Alkanes	*	0.000	J	29	200 ug/Kg
Total Tics :					57,000.00			
P2368-19	A43M2	Solid	Pentachlorophenol		950.000	J	88	390 ug/Kg
Total Svoc :					950.00			
Total Concentration:					57,950.00			
Client ID : A43Y1								
P2373-01	A43Y1	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.700	J		
P2373-01	A43Y1	Water	Phenol, 2-methoxy-	*	4.500	J		
P2373-01	A43Y1	Water	Propanoic acid, 2-methyl-, 3-hydr	*	2.500	J		
P2373-01	A43Y1	Water	Total Alkanes	*	0.000	J	1.1	5.1 ug/L
Total Tics :					14.70			
Total Concentration:					14.70			
Client ID : A43Y2								
P2373-02	A43Y2	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.400	J		
P2373-02	A43Y2	Water	Butanoic acid, butyl ester	*	2.100	J		



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BP050624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2373-02	A43Y2	Water	Phenol, 2-methoxy-	*	3.700	J		
P2373-02	A43Y2	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			13.20		
			Total Concentration:			13.20		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.592	0.509	0.519	0.500		0.537	7.5
Benzaldehyde		1.020	0.892	1.047	0.806	0.552	0.863	23.1
Pyridine		1.324	1.326	1.428	1.436	1.445	1.392	4.4
Hexachloroethane	0.556	0.603	0.575	0.601	0.597		0.586	3.5
Nitrobenzene	0.395	0.420	0.438	0.453	0.443		0.430	5.4
Isophorone	0.788	0.822	0.843	0.832	0.848		0.827	2.9
2-Nitrophenol	0.152	0.170	0.180	0.190	0.195		0.178	9.7
2,4-Dimethylphenol	0.376	0.373	0.395	0.395	0.398		0.388	3.1
Bis(2-Chloroethoxy)methane	0.435	0.463	0.462	0.467	0.466		0.458	2.9
2,4-Dichlorophenol	0.266	0.298	0.312	0.319	0.327		0.304	7.9
Naphthalene	1.015	1.017	1.031	1.048	1.043		1.031	1.4
4-Chloroaniline		0.418	0.434	0.421	0.438	0.431	0.428	2.0
Hexachlorobutadiene	0.237	0.235	0.231	0.241	0.239		0.236	1.7
Phenol		1.658	1.688	1.789	1.847	1.882	1.773	5.5
Caprolactam		0.103	0.116	0.101	0.113	0.099	0.106	7.2
4-Chloro-3-methylphenol	0.338	0.375	0.396	0.385	0.401		0.379	6.6
1-Methylnaphthalene	0.713	0.719	0.732	0.718	0.727		0.722	1.0
2-Methylnaphthalene	0.702	0.722	0.715	0.718	0.729		0.717	1.4
Hexachlorocyclopentadiene		0.244	0.277	0.364	0.386	0.425	0.339	22.4
2,4,6-Trichlorophenol	0.360	0.364	0.393	0.421	0.418		0.391	7.4
2,4,5-Trichlorophenol	0.395	0.408	0.424	0.426	0.452		0.421	5.1
1,1-Biphenyl	1.391	1.386	1.401	1.468	1.427		1.415	2.4
2-Chloronaphthalene	1.099	1.096	1.106	1.160	1.152		1.122	2.7
2-Nitroaniline	0.293	0.354	0.398	0.403	0.413		0.372	13.4
Bis(2-Chloroethyl)ether		1.349	1.349	1.417	1.411	1.409	1.387	2.5
Dimethylphthalate	1.387	1.492	1.526	1.443	1.528		1.475	4.1
2,6-Dinitrotoluene	0.251	0.280	0.308	0.303	0.325		0.293	9.8
Acenaphthylene	1.747	1.800	1.817	1.868	1.842		1.815	2.5
3-Nitroaniline		0.254	0.277	0.277	0.287	0.273	0.274	4.5
Acenaphthene	1.203	1.202	1.212	1.239	1.242		1.220	1.6
2,4-Dinitrophenol		0.128	0.165	0.171	0.216	0.220	0.180	21.3
4-Nitrophenol		0.155	0.251	0.233	0.268	0.262	0.234	19.6
Dibenzofuran	1.631	1.647	1.696	1.667	1.744		1.677	2.7
2,4-Dinitrotoluene	0.344	0.407	0.458	0.419	0.480		0.422	12.4
Diethylphthalate	1.374	1.450	1.549	1.417	1.573		1.473	5.8
2-Chlorophenol	1.239	1.243	1.249	1.324	1.354		1.282	4.2

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.333	1.388	1.415	1.379	1.453		1.394	3.2
4-Chlorophenyl-phenylether	0.705	0.733	0.750	0.730	0.778		0.739	3.7
4-Nitroaniline		0.217	0.252	0.231	0.238	0.202	0.228	8.5
4,6-Dinitro-2-methylphenol		0.114	0.128	0.133	0.143	0.144	0.132	9.4
N-Nitrosodiphenylamine	0.544	0.557	0.539	0.586	0.557		0.557	3.3
1,2,4,5-Tetrachlorobenzene	0.601	0.602	0.602	0.666	0.648		0.624	5.0
4-Bromophenyl-phenylether	0.210	0.212	0.208	0.233	0.221		0.217	4.7
Hexachlorobenzene	0.246	0.246	0.245	0.261	0.256		0.251	2.9
Atrazine		0.199	0.195	0.199	0.203	0.192	0.197	2.2
Pentachlorophenol		0.126	0.152	0.150	0.163	0.168	0.152	10.9
2-Methylphenol		1.200	1.283	1.336	1.392	1.401	1.322	6.3
Phenanthrene	0.995	1.017	1.029	1.035	1.026		1.020	1.5
Pentachlorobenzene	0.304	0.288	0.280	0.323	0.292		0.297	5.7
Anthracene	0.996	1.022	1.050	1.052	1.069		1.038	2.8
1,2,3,4-Tetrachlorobenzene	0.295	0.287	0.274	0.340	0.290		0.297	8.4
Carbazole		0.873	0.948	0.887	0.911	0.852	0.894	4.2
Di-n-butylphthalate	0.962	1.024	1.171	1.054	1.207		1.084	9.5
Fluoranthene	1.238	1.440	1.245	1.453	1.503		1.376	9.1
Pyrene	1.321	1.480	1.303	1.506	1.547		1.432	7.8
Butylbenzylphthalate	0.477	0.511	0.531	0.549	0.649		0.543	11.9
3,3-Dichlorobenzidine		0.397	0.426	0.433	0.402	0.376	0.407	5.6
2,2-oxybis (1-Chloropropane)		1.726	1.735	1.761	1.746	1.685	1.730	1.7
Benzo (a) anthracene	1.303	1.330	1.360	1.387	1.403		1.357	3.0
Chrysene	1.218	1.227	1.264	1.289	1.288		1.257	2.6
Bis (2-ethylhexyl) phthalate	0.724	0.700	0.784	0.777	0.935		0.784	11.7
Di-n-octyl phthalate		1.111	1.219	1.121	1.628	1.325	1.281	16.6
Benzo (b) fluoranthene	1.088	1.170	1.190	1.207	1.294		1.190	6.2
Benzo (k) fluoranthene	1.167	1.194	1.208	1.188	1.305		1.212	4.4
Benzo (a) pyrene	1.064	1.107	1.129	1.178	1.181		1.132	4.4
Indeno (1,2,3-cd) pyrene	1.376	1.390	1.263	1.520	1.390		1.388	6.5
Dibenzo (a,h) anthracene	1.159	1.143	1.036	1.248	1.154		1.148	6.6
Benzo (g,h,i) perylene	1.129	1.112	0.997	1.242	1.115		1.119	7.7
Acetophenone		2.240	2.250	2.317	2.369	2.347	2.305	2.5
2,3,4,6-Tetrachlorophenol	0.339	0.367	0.396	0.379	0.409		0.378	7.2
1,4-Dioxane-d8	0.484	0.485	0.462	0.471	0.466		0.474	2.3
Pyridine-d5		1.313	1.264	1.411	1.442	1.450	1.376	6.1

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.: BP050124 SAS No.: BP050124 SDG No.: BP050124
Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____
Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D			RRFAL2 = BP020133.D		RRFAL3 = BP020134.D	
		RRFAL4 = BP020135.D			RRFAL5 = BP020136.D		RRFAL6 = BP020137.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.592	1.618	1.729	1.800	1.848	1.718	6.5
Bis-(2-Chloroethyl)ether-d8		1.017	1.022	1.069	1.063	1.046	1.043	2.2
2-Chlorophenol-d4	1.174	1.173	1.205	1.282	1.306		1.228	5.1
4-Methylphenol-d8		1.270	1.343	1.404	1.458	1.467	1.389	6.0
Nitrobenzene-d5	0.137	0.143	0.149	0.159	0.160		0.150	6.5
2-Nitrophenol-d4	0.151	0.164	0.172	0.183	0.187		0.172	8.5
2,4-Dichlorophenol-d3	0.271	0.306	0.319	0.331	0.338		0.313	8.5
4-Chloroaniline-d4		0.427	0.443	0.438	0.450	0.433	0.438	2.0
4-Methylphenol		1.355	1.394	1.449	1.490	1.499	1.437	4.3
Dimethylphthalate-d6	1.416	1.434	1.490	1.437	1.526		1.461	3.1
Acenaphthylene-d8	1.538	1.572	1.613	1.664	1.680		1.613	3.7
4-Nitrophenol-d4		0.165	0.234	0.214	0.257	0.252	0.224	16.6
Fluorene-d10	1.183	1.210	1.240	1.187	1.270		1.218	3.0
4,6-Dinitro-2-methylphenol-		0.105	0.124	0.128	0.137	0.141	0.127	11.0
Anthracene-d10	0.810	0.854	0.874	0.888	0.900		0.865	4.1
Pyrene-d10	1.056	1.215	1.073	1.233	1.268		1.169	8.3
Benzo(a)pyrene-d12	0.907	0.942	0.969	0.987	1.030		0.967	4.8
N-Nitroso-di-n-propylamine	1.206	1.232	1.245	1.274	1.297		1.251	2.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020632 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 09:59

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	94559	7.628	394839	10.41	280550	14.30
	UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
	LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
	EPA SAMPLE NO.						
01	SBLK579	120801	7.62	501567	10.39	367115	14.30
02	C0RQ4	98477	7.62	407192	10.39	290505	14.30
03	C0RQ5	90198	7.62	378376	10.39	270246	14.29
04	C0RQ6	80983	7.62	341012	10.40	245087	14.30
05	C0RQ7	66044	7.62	271312	10.39	197205	14.29
06	C0RQ8	77709	7.62	320646	10.39	227606	14.29
07	C0RQ9	95579	7.62	405050	10.39	297847	14.29
08	SLCS579	92497	7.62	394689	10.39	286097	14.29
09	C0RQ7	87921	7.62	369987	10.39	258192	14.29
10	SBLK384	123399	7.62	530985	10.39	414676	14.30
11	SBLK744	76221	7.62	324493	10.39	226990	14.29
12	A43Y1	73105	7.62	304676	10.39	211602	14.30
13	A43Y2	65540	7.62	290351	10.39	217767	14.29
14	A43K6	74101	7.62	315092	10.39	218356	14.30
15	A43L0	97752	7.62	412475	10.39	288848	14.29
16	A43L1	98135	7.62	419885	10.39	305285	14.29
17	A43L2	92569	7.62	391118	10.39	272758	14.30
18	A43L4	90245	7.62	339216	10.40	206827	14.29
19	A43L6	107902	7.62	463339	10.39	323729	14.29
20	A43L7	90353	7.62	385725	10.39	273653	14.29
21	A43M2	104152	7.62	411863	10.39	246185	14.29
22	A43L5	114265	7.62	497673	10.39	345127	14.29
23	SLCS744	111944	7.62	459767	10.39	336042	14.30



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020632 Date Analyzed: May 7 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 02:57

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	94559	7.628	394839	10.41	280550	14.30
UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020781 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020199.D Time Analyzed: 09:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	111678	7.599	491012	10.38	358150	14.30
UPPER LIMIT	223356	8.099	982024	10.875	716300	14.798
LOWER LIMIT	55839	7.099	245506	9.875	179075	13.798
EPA SAMPLE NO.						
01 SBLK579	120801	7.62	501567	10.39	367115	14.30
02 C0RQ4	98477	7.62	407192	10.39	290505	14.30
03 C0RQ5	90198	7.62	378376	10.39	270246	14.29
04 C0RQ6	80983	7.62	341012	10.40	245087	14.30
05 C0RQ7	66044	7.62	271312	10.39	197205	14.29
06 C0RQ8	77709	7.62	320646	10.39	227606	14.29
07 C0RQ9	95579	7.62	405050	10.39	297847	14.29
08 SLCS579	92497	7.62	394689	10.39	286097	14.29
09 C0RQ7	87921	7.62	369987	10.39	258192	14.29

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.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020782 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020209.D Time Analyzed: 17:18

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	104726	7.622	447185	10.39	320684	14.29
UPPER LIMIT	209452	8.122	894370	10.893	641368	14.792
LOWER LIMIT	52363	7.122	223592.5	9.893	160342	13.792
EPA SAMPLE NO.						
01 SBLK384	123399	7.62	530985	10.39	414676	14.30
02 SBLK744	76221	7.62	324493	10.39	226990	14.29
03 A43Y1	73105	7.62	304676	10.39	211602	14.30
04 A43Y2	65540	7.62	290351	10.39	217767	14.29
05 A43K6	74101	7.62	315092	10.39	218356	14.30
06 A43L0	97752	7.62	412475	10.39	288848	14.29
07 A43L1	98135	7.62	419885	10.39	305285	14.29
08 A43L2	92569	7.62	391118	10.39	272758	14.30
09 A43L4	90245	7.62	339216	10.40	206827	14.29
10 A43L6	107902	7.62	463339	10.39	323729	14.29
11 A43L7	90353	7.62	385725	10.39	273653	14.29
12 A43M2	104152	7.62	411863	10.39	246185	14.29
13 A43L5	114265	7.62	497673	10.39	345127	14.29
14 SLCS744	111944	7.62	459767	10.39	336042	14.30

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020632 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 09:59

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	630053	17.139	637602	21.639	700054	25.016
	UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
	LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
	EPA SAMPLE NO.						
01	SBLK579	851566	17.14	763882	21.62	694620	24.98
02	C0RQ4	655843	17.13	642856	21.62	608733	24.98
03	C0RQ5	616101	17.13	583525	21.63	543220	24.98
04	C0RQ6	552738	17.12	416566	21.62	407963	24.98
05	C0RQ7	437011	17.12	327968	21.62	298073 *	24.99
06	C0RQ8	518469	17.13	566025	21.63	580320	24.99
07	C0RQ9	670267	17.14	658044	21.62	627103	24.97
08	SLCS579	649309	17.12	596213	21.62	531492	24.99
09	C0RQ7	583079	17.13	505133	21.63	463992	24.98
10	SBLK384	921459	17.14	885064	21.63	819419	24.98
11	SBLK744	518970	17.12	536331	21.63	556601	24.99
12	A43Y1	441230	17.14	320555	21.63	352716	25.00
13	A43Y2	530604	17.13	551493	21.62	550023	24.99
14	A43K6	523478	17.13	570629	21.63	570649	24.99
15	A43L0	624136	17.13	479017	21.62	483429	24.98
16	A43L1	688059	17.13	648171	21.63	611183	24.98
17	A43L2	603298	17.13	524291	21.62	497036	24.97
18	A43L4	405816	17.13	444204	21.62	535881	24.98
19	A43L6	684256	17.13	495021	21.63	504385	24.99
20	A43L7	591233	17.13	523230	21.62	534492	24.98
21	A43M2	427051	17.12	410553	21.62	504083	24.98

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020632 Date Analyzed: May 7 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 02:13

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	630053	17.139	637602	21.639	700054	25.016
UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
EPA SAMPLE NO.						
22 A43L5	729677	17.13	522603	21.62	555108	24.99
23 SLCS744	756571	17.13	758956	21.62	765338	24.97

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020781 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020199.D Time Analyzed: 09:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	795658	17.139	765794	21.633	719766	24.998
UPPER LIMIT	1591316	17.639	1531588	22.133	1439532	25.498
LOWER LIMIT	397829	16.639	382897	21.133	359883	24.498
EPA SAMPLE NO.						
01 SBLK579	851566	17.14	763882	21.62	694620	24.98
02 C0RQ4	655843	17.13	642856	21.62	608733	24.98
03 C0RQ5	616101	17.13	583525	21.63	543220	24.98
04 C0RQ6	552738	17.12	416566	21.62	407963	24.98
05 C0RQ7	437011	17.12	327968 *	21.62	298073 *	24.99
06 C0RQ8	518469	17.13	566025	21.63	580320	24.99
07 C0RQ9	670267	17.14	658044	21.62	627103	24.97
08 SLCS579	649309	17.12	596213	21.62	531492	24.99
09 C0RQ7	583079	17.13	505133	21.63	463992	24.98

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.: BP050624 SAS No.: BP050624 SDG NO.: BP050624

EPA Sample No.: SSTD020782 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BP020209.D Time Analyzed: 17:18

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	715715	17.128	661630	21.616	623416	24.968
	UPPER LIMIT	1431430	17.628	1323260	22.116	1246832	25.468
	LOWER LIMIT	357857.5	16.628	330815	21.116	311708	24.468
	EPA SAMPLE NO.						
01	SBLK384	921459	17.14	885064	21.63	819419	24.98
02	SBLK744	518970	17.12	536331	21.63	556601	24.99
03	A43Y1	441230	17.14	320555 *	21.63	352716	25.00
04	A43Y2	530604	17.13	551493	21.62	550023	24.99
05	A43K6	523478	17.13	570629	21.63	570649	24.99
06	A43L0	624136	17.13	479017	21.62	483429	24.98
07	A43L1	688059	17.13	648171	21.63	611183	24.98
08	A43L2	603298	17.13	524291	21.62	497036	24.97
09	A43L4	405816	17.13	444204	21.62	535881	24.98
10	A43L6	684256	17.13	495021	21.63	504385	24.99
11	A43L7	591233	17.13	523230	21.62	534492	24.98
12	A43M2	427051	17.12	410553	21.62	504083	24.98
13	A43L5	729677	17.13	522603	21.62	555108	24.99
14	SLCS744	756571	17.13	758956	21.62	765338	24.97

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160579BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	41	ug/L	103				0	0		
	Pyridine	40	31	ug/L	78				0	0		
	Phenol	40	35	ug/L	88				0	0		
	Bis(2-chloroethyl)ether	40	34	ug/L	85				0	0		
	2-Chlorophenol	40	35	ug/L	88				0	0		
	2-Methylphenol	40	34	ug/L	85				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	36	ug/L	90				0	0		
	Hexachloroethane	40	34	ug/L	85				0	0		
	Nitrobenzene	40	34	ug/L	85				0	0		
	Isophorone	40	35	ug/L	88				0	0		
	2-Nitrophenol	40	38	ug/L	95				0	0		
	2,4-Dimethylphenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethoxy)methane	40	35	ug/L	88				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	34	ug/L	85				0	0		
	Caprolactam	40	40	ug/L	100				0	0		
	4-Chloro-3-methylphenol	40	39	ug/L	98				0	0		
	1-Methylnaphthalene	40	37	ug/L	93				0	0		
	2-Methylnaphthalene	40	36	ug/L	90				0	0		
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0		
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0		
	2,4,5-Trichlorophenol	40	38	ug/L	95				0	0		
	1,1'-Biphenyl	40	35	ug/L	88				0	0		
	2-Chloronaphthalene	40	34	ug/L	85				0	0		
	2-Nitroaniline	40	39	ug/L	98				0	0		
	Dimethylphthalate	40	37	ug/L	93				0	0		
	2,6-Dinitrotoluene	40	38	ug/L	95				0	0		
	Acenaphthylene	40	35	ug/L	88				0	0		
	3-Nitroaniline	40	39	ug/L	98				0	0		
	Acenaphthene	40	35	ug/L	88				0	0		
	2,4-Dinitrophenol	40	41	ug/L	103				0	0		
	4-Nitrophenol	40	39	ug/L	98				0	0		
	Dibenzofuran	40	36	ug/L	90				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	38	ug/L	95				0	0		
	Fluorene	40	37	ug/L	93				0	0		
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0		
	4-Nitroaniline	40	44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160579BS	4,6-Dinitro-2-methylphenol	40	38	ug/L	95				0	0		
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0		
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0		
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0		
	Hexachlorobenzene	40	36	ug/L	90				0	0		
	Atrazine	40	36	ug/L	90				0	0		
	Pentachlorophenol	40	37	ug/L	93				0	0		
	Phenanthrene	40	35	ug/L	88				0	0		
	Pentachlorobenzene	40	34	ug/L	85				0	0		
	Anthracene	40	35	ug/L	88				0	0		
	1,2,3,4-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	Carbazole	40	37	ug/L	93				0	0		
	Di-n-butylphthalate	40	40	ug/L	100				0	0		
	Fluoranthene	40	36	ug/L	90				0	0		
	Pyrene	40	36	ug/L	90				0	0		
	Butylbenzylphthalate	40	39	ug/L	98				0	0		
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0		
	Benzo(a)anthracene	40	36	ug/L	90				0	0		
	Chrysene	40	36	ug/L	90				0	0		
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0		
	Di-n-octylphthalate	40	42	ug/L	105				0	0		
	Benzo(b)fluoranthene	40	39	ug/L	98				0	0		
	Benzo(k)fluoranthene	40	38	ug/L	95				0	0		
	Benzo(a)pyrene	40	32	ug/L	80				0	0		
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	32	ug/L	80				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.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160744BS	1,4-Dioxane	16	9.6	ug/L	60				0	0		
	Benzaldehyde	40	36	ug/L	90				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	30	ug/L	75				0	0		
	2-Methylphenol	40	29	ug/L	73				0	0		
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0		
	Acetophenone	40	28	ug/L	70				0	0		
	4-Methylphenol	40	30	ug/L	75				0	0		
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0		
	Hexachloroethane	40	28	ug/L	70				0	0		
	Nitrobenzene	40	28	ug/L	70				0	0		
	Isophorone	40	29	ug/L	73				0	0		
	2-Nitrophenol	40	33	ug/L	83				0	0		
	2,4-Dimethylphenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	34	ug/L	85				0	0		
	Naphthalene	40	30	ug/L	75				0	0		
	4-Chloroaniline	40	30	ug/L	75				0	0		
	Hexachlorobutadiene	40	33	ug/L	83				0	0		
	Caprolactam	40	36	ug/L	90				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	31	ug/L	78				0	0		
	Hexachlorocyclopentadiene	40	22	ug/L	55				0	0		
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0		
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0		
	1,1'-Biphenyl	40	30	ug/L	75				0	0		
	2-Chloronaphthalene	40	30	ug/L	75				0	0		
	2-Nitroaniline	40	32	ug/L	80				0	0		
	Dimethylphthalate	40	32	ug/L	80				0	0		
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	36	ug/L	90				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	35	ug/L	88				0	0		
	4-Nitrophenol	40	33	ug/L	83				0	0		
	Dibenzofuran	40	32	ug/L	80				0	0		
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0		
	Diethylphthalate	40	32	ug/L	80				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0		
	4-Nitroaniline	40	44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160744BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0		
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0		
	Hexachlorobenzene	40	37	ug/L	93				0	0		
	Atrazine	40	36	ug/L	90				0	0		
	Pentachlorophenol	40	39	ug/L	98				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	34	ug/L	85				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	31	ug/L	78				0	0		
	Pyrene	40	31	ug/L	78				0	0		
	Butylbenzylphthalate	40	32	ug/L	80				0	0		
	3,3'-Dichlorobenzidine	40	36	ug/L	90				0	0		
	Benzo(a)anthracene	40	33	ug/L	83				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				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	32	ug/L	80				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0		
	2,3,4,6-Tetrachlorophenol	40	38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK384

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP050624

SAS No.: BP050624 SDG NO.: BP050624

Lab File ID: BP020210.D

Lab Sample ID: PB160384BL

Instrument ID: BNA_P

Date Extracted: 04/18/2024

Matrix: (soil/water) Water

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 17:18

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.

SBLK579

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP050624

SAS No.: BP050624 SDG NO.: BP050624

Lab File ID: BP020200.D

Lab Sample ID: PB160579BL

Instrument ID: BNA_P

Date Extracted: 04/29/2024

Matrix: (soil/water) Water

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 09:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0RQ4	P2279-01	BP020201.D	05/06/2024
C0RQ5	P2279-02	BP020202.D	05/06/2024
C0RQ6	P2279-03	BP020203.D	05/06/2024
C0RQ7	P2279-04	BP020204.D	05/06/2024
C0RQ8	P2279-05	BP020205.D	05/06/2024
C0RQ9	P2279-06	BP020206.D	05/06/2024
PB160579BS	PB160579BS	BP020207.D	05/06/2024
C0RQ7	P2279-04	BP020208.D	05/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A43K6

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP050624

SAS No.: BP050624 SDG NO.: BP050624

Lab File ID: BP020214.D

Lab Sample ID: P2368-01

Instrument ID: BNA_P

Date Extracted: 05/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 20:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43K6	P2368-01	BP020214.D	05/06/2024
A43L0	P2368-07	BP020215.D	05/06/2024
A43L1	P2368-08	BP020216.D	05/06/2024
A43L2	P2368-09	BP020217.D	05/06/2024
A43L4	P2368-11	BP020218.D	05/06/2024
A43L6	P2368-13	BP020219.D	05/07/2024
A43L7	P2368-14	BP020220.D	05/07/2024
A43M2	P2368-19	BP020221.D	05/07/2024
A43L5	P2368-12	BP020222.D	05/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK744

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP050624

SAS No.: BP050624 SDG NO.: BP050624

Lab File ID: BP020211.D

Lab Sample ID: PB160744BL

Instrument ID: BNA_P

Date Extracted: 05/06/2024

Matrix: (soil/water) Water

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 18:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43Y1	P2373-01	BP020212.D	05/06/2024
A43Y2	P2373-02	BP020213.D	05/06/2024
PB160744BS	PB160744BS	BP020223.D	05/07/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160384BL	PB160384BL	BP020210.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	22.56	56		20	120
			Phenol-d5	40	22.80	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.13	60		25	120
			2-Chlorophenol-d4	40	24.62	62		20	130
			4-Methylphenol-d8	40	23.40	58		25	125
			Nitrobenzene-d5	40	24.76	62		20	125
			2-Nitrophenol-d4	40	25.09	63		20	130
			2,4-Dichlorophenol-d3	40	21.30	53		20	120
			4-Chloroaniline-d4	40	24.18	60		1	146
			Dimethylphthalate-d6	40	25.34	63		25	130
			Acenaphthylene-d8	40	23.82	60		10	130
			4-Nitrophenol-d4	40	22.62	57		10	150
			Fluorene-d10	40	25.47	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.95	55		10	130
			Anthracene-d10	40	26.08	65		25	130
			Pyrene-d10	40	24.28	61		15	130
			Benzo(a)pyrene-d12	40	25.54	64		20	130

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-01	C0RQ4	BP020201.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Pyridine-d5	40	7.02	18	*	20	120
			Phenol-d5	40	8.63	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.93	75		25	120
			2-Chlorophenol-d4	40	26.32	66		20	130
			4-Methylphenol-d8	40	19.09	48		25	125
			Nitrobenzene-d5	40	31.77	79		20	125
			2-Nitrophenol-d4	40	30.97	77		20	130
			2,4-Dichlorophenol-d3	40	29.49	74		20	120
			4-Chloroaniline-d4	40	23.89	60		1	146
			Dimethylphthalate-d6	40	36.25	91		25	130
			Acenaphthylene-d8	40	33.26	83		10	130
			4-Nitrophenol-d4	40	9.60	24		10	150
			Fluorene-d10	40	35.95	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.37	78		10	130
			Anthracene-d10	40	37.89	95		25	130
			Pyrene-d10	40	36.07	90		15	130
			Benzo(a)pyrene-d12	40	37.39	93		20	130
P2279-02	C0RQ5	BP020202.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Pyridine-d5	40	8.13	20		20	120
			Phenol-d5	40	6.59	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.93	75		25	120
			2-Chlorophenol-d4	40	23.65	59		20	130
			4-Methylphenol-d8	40	12.49	31		25	125
			Nitrobenzene-d5	40	30.83	77		20	125
			2-Nitrophenol-d4	40	29.25	73		20	130
			2,4-Dichlorophenol-d3	40	26.12	65		20	120
			4-Chloroaniline-d4	40	10.13	25		1	146
			Dimethylphthalate-d6	40	32.82	82		25	130
			Acenaphthylene-d8	40	31.06	78		10	130
			4-Nitrophenol-d4	40	7.46	19		10	150
			Fluorene-d10	40	33.78	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.94	70		10	130
			Anthracene-d10	40	34.23	86		25	130
			Pyrene-d10	40	33.75	84		15	130
			Benzo(a)pyrene-d12	40	33.81	85		20	130
P2279-03	C0RQ6	BP020203.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	7.03	18	*	20	120
			Phenol-d5	40	5.74	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.74	87		25	120
			2-Chlorophenol-d4	40	25.99	65		20	130
			4-Methylphenol-d8	40	10.19	25		25	125
			Nitrobenzene-d5	40	35.68	89		20	125
			2-Nitrophenol-d4	40	34.88	87		20	130
			2,4-Dichlorophenol-d3	40	27.89	70		20	120
			4-Chloroaniline-d4	40	6.55	16		1	146
			Dimethylphthalate-d6	40	39.26	98		25	130
			Acenaphthylene-d8	40	36.09	90		10	130
			4-Nitrophenol-d4	40	6.94	17		10	150

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-03	C0RQ6	BP020203.D	Fluorene-d10	40	38.59	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.11	78		10	130
			Anthracene-d10	40	36.48	91		25	130
			Pyrene-d10	40	41.90	105		15	130
			Benzo(a)pyrene-d12	40	36.89	92		20	130
P2279-04	C0RQ7	BP020204.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	4.81	12	*	20	120
		BP020208.D	1,4-Dioxane-d8	8	4.68	59		15	120
			Pyridine-d5	40	4.84	12	*	20	120
		BP020204.D	Phenol-d5	40	8.12	20		10	130
			Phenol-d5	40	7.92	20		10	130
		BP020208.D	Bis(2-Chloroethyl)ether-d8	40	35.93	90		25	120
			Bis(2-Chloroethyl)ether-d8	40	33.81	85		25	120
		BP020204.D	2-Chlorophenol-d4	40	28.43	71		20	130
			2-Chlorophenol-d4	40	29.63	74		20	130
		BP020208.D	4-Methylphenol-d8	40	18.84	47		25	125
			4-Methylphenol-d8	40	18.23	46		25	125
		BP020204.D	Nitrobenzene-d5	40	37.76	94		20	125
			Nitrobenzene-d5	40	35.53	89		20	125
		BP020208.D	2-Nitrophenol-d4	40	35.00	87		20	130
			2-Nitrophenol-d4	40	36.49	91		20	130
		BP020204.D	2,4-Dichlorophenol-d3	40	34.06	85		20	120
			2,4-Dichlorophenol-d3	40	31.44	79		20	120
		BP020208.D	4-Chloroaniline-d4	40	22.19	55		1	146
			4-Chloroaniline-d4	40	23.68	59		1	146
		BP020204.D	Dimethylphthalate-d6	40	43.32	108		25	130
			Dimethylphthalate-d6	40	40.86	102		25	130
		BP020208.D	Acenaphthylene-d8	40	37.42	94		10	130
			Acenaphthylene-d8	40	38.92	97		10	130
		BP020204.D	4-Nitrophenol-d4	40	9.02	23		10	150
			4-Nitrophenol-d4	40	9.39	23		10	150
		BP020208.D	Fluorene-d10	40	43.85	110		25	125
			Fluorene-d10	40	41.81	105		25	125
		BP020204.D	4,6-Dinitro-2-methylphenol-d2	40	38.18	95		10	130
			4,6-Dinitro-2-methylphenol-d2	40	38.86	97		10	130
		BP020208.D	Anthracene-d10	40	47.30	118		25	130
			Anthracene-d10	40	45.08	113		25	130
		BP020204.D	Pyrene-d10	40	45.61	114		15	130
			Pyrene-d10	40	53.90	135	*	15	130
		BP020208.D	Benzo(a)pyrene-d12	40	49.05	123		20	130
			Benzo(a)pyrene-d12	40	44.44	111		20	130
P2279-05	C0RQ8	BP020205.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	3.17	8	*	20	120
			Phenol-d5	40	7.39	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.05	85		25	120
			2-Chlorophenol-d4	40	27.86	70		20	130
			4-Methylphenol-d8	40	17.78	44		25	125
			Nitrobenzene-d5	40	35.97	90		20	125
			2-Nitrophenol-d4	40	35.09	88		20	130

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-05	C0RQ8	BP020205.D	2,4-Dichlorophenol-d3	40	31.28	78		20	120
			4-Chloroaniline-d4	40	13.35	33		1	146
			Dimethylphthalate-d6	40	38.94	97		25	130
			Acenaphthylene-d8	40	36.64	92		10	130
			4-Nitrophenol-d4	40	8.60	21		10	150
			Fluorene-d10	40	40.90	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.89	87		10	130
			Anthracene-d10	40	41.75	104		25	130
			Pyrene-d10	40	38.03	95		15	130
			Benzo(a)pyrene-d12	40	43.29	108		20	130
P2279-06	C0RQ9	BP020206.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	5.82	15	*	20	120
			Phenol-d5	40	5.95	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.55	71		25	120
			2-Chlorophenol-d4	40	23.36	58		20	130
			4-Methylphenol-d8	40	14.84	37		25	125
			Nitrobenzene-d5	40	29.99	75		20	125
			2-Nitrophenol-d4	40	29.16	73		20	130
			2,4-Dichlorophenol-d3	40	27.42	69		20	120
			4-Chloroaniline-d4	40	20.62	52		1	146
			Dimethylphthalate-d6	40	33.21	83		25	130
			Acenaphthylene-d8	40	30.67	77		10	130
			4-Nitrophenol-d4	40	5.25	13		10	150
			Fluorene-d10	40	33.87	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.94	80		10	130
			Anthracene-d10	40	36.93	92		25	130
			Pyrene-d10	40	35.22	88		15	130
			Benzo(a)pyrene-d12	40	37.30	93		20	130
PB160579BL	PB160579BL	BP020200.D	Pyridine-d5	40	21.59	54		20	120
			1,4-Dioxane-d8	8	4.53	57		15	120
			Phenol-d5	40	23.77	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.78	62		25	120
			2-Chlorophenol-d4	40	26.31	66		20	130
			4-Methylphenol-d8	40	22.65	57		25	125
			Nitrobenzene-d5	40	24.45	61		20	125
			2-Nitrophenol-d4	40	24.70	62		20	130
			2,4-Dichlorophenol-d3	40	22.33	56		20	120
			4-Chloroaniline-d4	40	23.43	59		1	146
			Dimethylphthalate-d6	40	26.20	65		25	130
			Acenaphthylene-d8	40	24.65	62		10	130
			4-Nitrophenol-d4	40	20.18	50		10	150
			Fluorene-d10	40	25.98	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.62	52		10	130
			Anthracene-d10	40	25.72	64		25	130
			Pyrene-d10	40	25.43	64		15	130
			Benzo(a)pyrene-d12	40	24.85	62		20	130
PB160579BS	PB160579BS	BP020207.D	1,4-Dioxane-d8	8	8.08	101		15	120
			Pyridine-d5	40	31.57	79		20	120
			Phenol-d5	40	34.28	86		10	130



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

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160579BS	PB160579BS	BP020207.D	Bis(2-Chloroethyl)ether-d8	40	33.79	84		25	120
			2-Chlorophenol-d4	40	35.47	89		20	130
			4-Methylphenol-d8	40	35.32	88		25	125
			Nitrobenzene-d5	40	35.58	89		20	125
			2-Nitrophenol-d4	40	36.80	92		20	130
			2,4-Dichlorophenol-d3	40	38.14	95		20	120
			4-Chloroaniline-d4	40	35.63	89		1	146
			Dimethylphthalate-d6	40	38.22	96		25	130
			Acenaphthylene-d8	40	36.13	90		10	130
			4-Nitrophenol-d4	40	38.86	97		10	150
			Fluorene-d10	40	37.42	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.69	97		10	130
			Anthracene-d10	40	37.08	93		25	130
			Pyrene-d10	40	36.34	91		15	130
			Benzo(a)pyrene-d12	40	37.19	93		20	130

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-01	A43K6	BP020214.D	Pyridine-d5	40	20.06	50		20	120
			1,4-Dioxane-d8	8	4.71	59		15	120
			Phenol-d5	40	23.49	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.37	63		10	150
			2-Chlorophenol-d4	40	25.12	63		15	120
			4-Methylphenol-d8	40	23.16	58		10	140
			Nitrobenzene-d5	40	25.78	64		10	135
			2-Nitrophenol-d4	40	25.81	65		10	120
			2,4-Dichlorophenol-d3	40	23.77	59		10	140
			4-Chloroaniline-d4	40	24.32	61		1	145
			Dimethylphthalate-d6	40	27.79	69		10	145
			Acenaphthylene-d8	40	27.22	68		15	120
			4-Nitrophenol-d4	40	25.54	64		10	150
			Fluorene-d10	40	28.25	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.83	50		10	130
			Anthracene-d10	40	27.42	69		10	150
			Pyrene-d10	40	24.56	61		10	130
			Benzo(a)pyrene-d12	40	28.24	71		10	140
P2368-07	A43L0	BP020215.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	9.95	25		20	120
			Phenol-d5	40	22.96	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.36	61		10	150
			2-Chlorophenol-d4	40	25.34	63		15	120
			4-Methylphenol-d8	40	14.34	36		10	140
			Nitrobenzene-d5	40	25.48	64		10	135
			2-Nitrophenol-d4	40	25.25	63		10	120
			2,4-Dichlorophenol-d3	40	24.43	61		10	140
			4-Chloroaniline-d4	40	11.77	29		1	145
			Dimethylphthalate-d6	40	26.55	66		10	145
			Acenaphthylene-d8	40	25.89	65		15	120
			4-Nitrophenol-d4	40	21.26	53		10	150
			Fluorene-d10	40	27.29	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.55	51		10	130
			Anthracene-d10	40	27.96	70		10	150
			Pyrene-d10	40	32.95	82		10	130
			Benzo(a)pyrene-d12	40	28.71	72		10	140
P2368-08	A43L1	BP020216.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	8.66	22		20	120
			Phenol-d5	40	21.14	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.35	58		10	150
			2-Chlorophenol-d4	40	23.32	58		15	120
			4-Methylphenol-d8	40	17.41	44		10	140
			Nitrobenzene-d5	40	23.46	59		10	135
			2-Nitrophenol-d4	40	23.97	60		10	120
			2,4-Dichlorophenol-d3	40	23.48	59		10	140
			4-Chloroaniline-d4	40	15.76	39		1	145
			Dimethylphthalate-d6	40	25.50	64		10	145
			Acenaphthylene-d8	40	24.67	62		15	120
			4-Nitrophenol-d4	40	19.92	50		10	150

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-08	A43L1	BP020216.D	Fluorene-d10	40	26.41	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.57	46		10	130
			Anthracene-d10	40	26.85	67		10	150
			Pyrene-d10	40	26.61	67		10	130
			Benzo(a)pyrene-d12	40	26.39	66		10	140
P2368-09	A43L2	BP020217.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	10.12	25		20	120
			Phenol-d5	40	26.01	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.02	70		10	150
			2-Chlorophenol-d4	40	28.44	71		15	120
			4-Methylphenol-d8	40	21.29	53		10	140
			Nitrobenzene-d5	40	29.38	73		10	135
			2-Nitrophenol-d4	40	29.17	73		10	120
			2,4-Dichlorophenol-d3	40	28.01	70		10	140
			4-Chloroaniline-d4	40	20.94	52		1	145
			Dimethylphthalate-d6	40	31.03	78		10	145
			Acenaphthylene-d8	40	30.08	75		15	120
			4-Nitrophenol-d4	40	22.78	57		10	150
			Fluorene-d10	40	31.66	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.97	55		10	130
			Anthracene-d10	40	32.13	80		10	150
			Pyrene-d10	40	34.94	87		10	130
			Benzo(a)pyrene-d12	40	32.61	82		10	140
P2368-11	A43L4	BP020218.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	10.18	25		20	120
			Phenol-d5	40	23.11	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.07	60		10	150
			2-Chlorophenol-d4	40	25.16	63		15	120
			4-Methylphenol-d8	40	20.68	52		10	140
			Nitrobenzene-d5	40	27.25	68		10	135
			2-Nitrophenol-d4	40	26.49	66		10	120
			2,4-Dichlorophenol-d3	40	25.68	64		10	140
			4-Chloroaniline-d4	40	14.97	37		1	145
			Dimethylphthalate-d6	40	26.83	67		10	145
			Acenaphthylene-d8	40	27.63	69		15	120
			4-Nitrophenol-d4	40	21.35	53		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.58	46		10	130
			Anthracene-d10	40	30.09	75		10	150
			Pyrene-d10	40	26.32	66		10	130
			Benzo(a)pyrene-d12	40	29.69	74		10	140
P2368-12	A43L5	BP020222.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	10.81	27		20	120
			Phenol-d5	40	23.00	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.23	61		10	150
			2-Chlorophenol-d4	40	25.63	64		15	120
			4-Methylphenol-d8	40	21.93	55		10	140
			Nitrobenzene-d5	40	25.65	64		10	135
			2-Nitrophenol-d4	40	26.24	66		10	120

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-12	A43L5	BP020222.D	2,4-Dichlorophenol-d3	40	25.43	64		10	140
			4-Chloroaniline-d4	40	17.06	43		1	145
			Dimethylphthalate-d6	40	27.29	68		10	145
			Acenaphthylene-d8	40	26.78	67		15	120
			4-Nitrophenol-d4	40	21.17	53		10	150
			Fluorene-d10	40	27.07	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.13	48		10	130
			Anthracene-d10	40	28.12	70		10	150
			Pyrene-d10	40	30.84	77		10	130
			Benzo(a)pyrene-d12	40	27.12	68		10	140
P2368-13	A43L6	BP020219.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	4.63	12	*	20	120
			Phenol-d5	40	22.32	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.02	60		10	150
			2-Chlorophenol-d4	40	24.63	62		15	120
			4-Methylphenol-d8	40	20.20	50		10	140
			Nitrobenzene-d5	40	25.38	63		10	135
			2-Nitrophenol-d4	40	23.62	59		10	120
			2,4-Dichlorophenol-d3	40	23.05	58		10	140
			4-Chloroaniline-d4	40	14.85	37		1	145
			Dimethylphthalate-d6	40	27.42	69		10	145
			Acenaphthylene-d8	40	26.59	66		15	120
			4-Nitrophenol-d4	40	13.98	35		10	150
			Fluorene-d10	40	27.96	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.32	36		10	130
			Anthracene-d10	40	29.36	73		10	150
			Pyrene-d10	40	34.41	86		10	130
			Benzo(a)pyrene-d12	40	29.26	73		10	140
P2368-14	A43L7	BP020220.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Pyridine-d5	40	8.17	20		20	120
			Phenol-d5	40	23.71	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.36	61		10	150
			2-Chlorophenol-d4	40	25.60	64		15	120
			4-Methylphenol-d8	40	22.70	57		10	140
			Nitrobenzene-d5	40	26.24	66		10	135
			2-Nitrophenol-d4	40	25.03	63		10	120
			2,4-Dichlorophenol-d3	40	24.97	62		10	140
			4-Chloroaniline-d4	40	17.25	43		1	145
			Dimethylphthalate-d6	40	26.43	66		10	145
			Acenaphthylene-d8	40	26.33	66		15	120
			4-Nitrophenol-d4	40	19.34	48		10	150
			Fluorene-d10	40	27.50	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.67	42		10	130
			Anthracene-d10	40	29.60	74		10	150
			Pyrene-d10	40	30.05	75		10	130
			Benzo(a)pyrene-d12	40	28.18	70		10	140
P2368-19	A43M2	BP020221.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Pyridine-d5	40	10.95	27		20	120
			Phenol-d5	40	22.58	56		10	130



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

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-19	A43M2	BP020221.D	Bis(2-Chloroethyl)ether-d8	40	23.41	59		10	150
			2-Chlorophenol-d4	40	25.20	63		15	120
			4-Methylphenol-d8	40	21.65	54		10	140
			Nitrobenzene-d5	40	26.45	66		10	135
			2-Nitrophenol-d4	40	26.61	67		10	120
			2,4-Dichlorophenol-d3	40	25.92	65		10	140
			4-Chloroaniline-d4	40	15.30	38		1	145
			Dimethylphthalate-d6	40	27.04	68		10	145
			Acenaphthylene-d8	40	27.51	69		15	120
			4-Nitrophenol-d4	40	19.28	48		10	150
			Fluorene-d10	40	26.02	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.52	49		10	130
			Anthracene-d10	40	28.65	72		10	150
			Pyrene-d10	40	25.40	63		10	130
			Benzo(a)pyrene-d12	40	28.16	70		10	140

Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2373-01	A43Y1	BP020212.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	6.16	15	*	20	120
			Phenol-d5	40	6.65	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.38	88		25	120
			2-Chlorophenol-d4	40	27.81	70		20	130
			4-Methylphenol-d8	40	16.53	41		25	125
			Nitrobenzene-d5	40	36.60	92		20	125
			2-Nitrophenol-d4	40	34.85	87		20	130
			2,4-Dichlorophenol-d3	40	31.09	78		20	120
			4-Chloroaniline-d4	40	30.11	75		1	146
			Dimethylphthalate-d6	40	39.55	99		25	130
			Acenaphthylene-d8	40	37.08	93		10	130
			4-Nitrophenol-d4	40	5.49	14		10	150
			Fluorene-d10	40	38.93	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.73	79		10	130
			Anthracene-d10	40	44.18	110		25	130
			Pyrene-d10	40	48.25	121		15	130
			Benzo(a)pyrene-d12	40	45.37	113		20	130
P2373-02	A43Y2	BP020213.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	5.30	13	*	20	120
			Phenol-d5	40	6.22	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.55	79		25	120
			2-Chlorophenol-d4	40	24.78	62		20	130
			4-Methylphenol-d8	40	15.98	40		25	125
			Nitrobenzene-d5	40	31.90	80		20	125
			2-Nitrophenol-d4	40	30.10	75		20	130
			2,4-Dichlorophenol-d3	40	27.39	68		20	120
			4-Chloroaniline-d4	40	25.39	63		1	146
			Dimethylphthalate-d6	40	36.69	92		25	130
			Acenaphthylene-d8	40	33.00	83		10	130
			4-Nitrophenol-d4	40	6.20	16		10	150
			Fluorene-d10	40	36.42	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.89	72		10	130
			Anthracene-d10	40	38.19	95		25	130
			Pyrene-d10	40	35.52	89		15	130
			Benzo(a)pyrene-d12	40	38.20	95		20	130
PB160744BL	PB160744BL	BP020211.D	Pyridine-d5	40	26.90	67		20	120
			1,4-Dioxane-d8	8	5.52	69		15	120
			Phenol-d5	40	28.27	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.37	73		25	120
			2-Chlorophenol-d4	40	30.95	77		20	130
			4-Methylphenol-d8	40	28.55	71		25	125
			Nitrobenzene-d5	40	29.88	75		20	125
			2-Nitrophenol-d4	40	30.00	75		20	130
			2,4-Dichlorophenol-d3	40	27.69	69		20	120
			4-Chloroaniline-d4	40	31.99	80		1	146
			Dimethylphthalate-d6	40	30.98	77		25	130
			Acenaphthylene-d8	40	29.85	75		10	130
			4-Nitrophenol-d4	40	27.84	70		10	150



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Surrogate Summary

SW-846

SDG No.: BP050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160744BL	PB160744BL	BP020211.D	Fluorene-d10	40	31.21	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.01	60		10	130
			Anthracene-d10	40	32.07	80		25	130
			Pyrene-d10	40	29.79	74		15	130
			Benzo(a)pyrene-d12	40	32.38	81		20	130
PB160744BS	PB160744BS	BP020223.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	25.44	64		20	120
			Phenol-d5	40	28.89	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.81	67		25	120
			2-Chlorophenol-d4	40	31.37	78		20	130
			4-Methylphenol-d8	40	30.15	75		25	125
			Nitrobenzene-d5	40	31.61	79		20	125
			2-Nitrophenol-d4	40	33.32	83		20	130
			2,4-Dichlorophenol-d3	40	34.26	86		20	120
			4-Chloroaniline-d4	40	34.58	86		1	146
			Dimethylphthalate-d6	40	33.19	83		25	130
			Acenaphthylene-d8	40	32.62	82		10	130
			4-Nitrophenol-d4	40	34.54	86		10	150
			Fluorene-d10	40	33.70	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.47	84		10	130
			Anthracene-d10	40	35.28	88		25	130
			Pyrene-d10	40	32.07	80		15	130
			Benzo(a)pyrene-d12	40	33.89	85		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP050624

Lab Code: CHEM

SAS No.: BP050624

SDG NO.: BP050624

Lab File ID: BP020198.D

DFTPP Injection Date: 05/06/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	15.4 (19) 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
SSTD020781	SSTDCCC020	BP020199.D	05/06/2024	09:16
SBLK579	PB160579BL	BP020200.D	05/06/2024	09:59
C0RQ4	P2279-01	BP020201.D	05/06/2024	10:43
C0RQ5	P2279-02	BP020202.D	05/06/2024	11:27
C0RQ6	P2279-03	BP020203.D	05/06/2024	12:11
C0RQ7	P2279-04	BP020204.D	05/06/2024	12:55
C0RQ8	P2279-05	BP020205.D	05/06/2024	13:38
C0RQ9	P2279-06	BP020206.D	05/06/2024	14:22
SLCS579	PB160579BS	BP020207.D	05/06/2024	15:05
C0RQ7	P2279-04	BP020208.D	05/06/2024	15:50
SSTD020782	SSTDCCC020	BP020209.D	05/06/2024	16:34
SBLK384	PB160384BL	BP020210.D	05/06/2024	17:18
SBLK744	PB160744BL	BP020211.D	05/06/2024	18:03
A43Y1	P2373-01	BP020212.D	05/06/2024	18:48
A43Y2	P2373-02	BP020213.D	05/06/2024	19:33
A43K6	P2368-01	BP020214.D	05/06/2024	20:17
A43L0	P2368-07	BP020215.D	05/06/2024	21:02
A43L1	P2368-08	BP020216.D	05/06/2024	21:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP050624

Lab Code: CHEM

SAS No.: BP050624

SDG NO.: BP050624

Lab File ID: BP020198.D

DFTPP Injection Date: 05/06/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	15.4 (19) 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
A43L2	P2368-09	BP020217.D	05/06/2024	22:32
A43L4	P2368-11	BP020218.D	05/06/2024	23:16
A43L6	P2368-13	BP020219.D	05/07/2024	00:01
A43L7	P2368-14	BP020220.D	05/07/2024	00:45
A43M2	P2368-19	BP020221.D	05/07/2024	01:29
A43L5	P2368-12	BP020222.D	05/07/2024	02:13
SLCS744	PB160744BS	BP020223.D	05/07/2024	02:57
SSTD020783	SSTDCCC020EC	BP020224.D	05/07/2024	04:25