

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:10:33

Lab File ID: BN031393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020397 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.461	0.461	0.010	-0.0494	40.0
Benzaldehyde	0.723	0.802	0.010	10.956	40.0
Pyridine	1.208	1.201	0.010	-0.5655	40.0
Phenol	1.543	1.515	0.080	-1.7887	20.0
Bis(2-Chloroethyl)ether	1.230	1.194	0.100	-2.8568	20.0
2-Chlorophenol	1.329	1.316	0.200	-0.987	20.0
2-Methylphenol	1.194	1.165	0.010	-2.455	20.0
2,2-oxybis(1-Chloropropane)	1.349	1.342	0.010	-0.5094	40.0
Acetophenone	2.001	2.010	0.060	0.4732	20.0
4-Methylphenol	1.290	1.278	0.010	-0.9862	20.0
N-Nitroso-di-n-propylamine	0.988	0.990	0.050	0.2158	30.0
Hexachloroethane	0.587	0.572	0.100	-2.478	20.0
Nitrobenzene	0.357	0.363	0.050	1.598	25.0
Isophorone	0.679	0.666	0.050	-1.8534	25.0
2-Nitrophenol	0.179	0.179	0.050	-0.0906	25.0
2,4-Dimethylphenol	0.349	0.347	0.050	-0.7662	25.0
Bis(2-Chloroethoxy)methane	0.396	0.396	0.050	0.0406	20.0
2,4-Dichlorophenol	0.296	0.300	0.060	1.2624	20.0
Naphthalene	1.031	1.022	0.200	-0.8202	20.0
4-Chloroaniline	0.403	0.414	0.010	2.8377	40.0
Hexachlorobutadiene	0.207	0.211	0.040	1.6246	30.0
Caprolactam	0.096	0.089	0.010	-6.6073	40.0
4-Chloro-3-methylphenol	0.344	0.343	0.040	-0.2289	25.0
1-Methylnaphthalene	0.704	0.711	0.100	0.9774	20.0
2-Methylnaphthalene	0.704	0.699	0.100	-0.6132	20.0
Hexachlorocyclopentadiene	0.371	0.350	0.010	-5.598	40.0
2,4,6-Trichlorophenol	0.372	0.368	0.090	-1.0167	25.0
2,4,5-Trichlorophenol	0.400	0.401	0.100	0.2177	25.0
1,1-Biphenyl	1.417	1.428	0.200	0.7958	20.0
2-Chloronaphthalene	1.118	1.127	0.300	0.7821	20.0
2-Nitroaniline	0.318	0.320	0.050	0.3203	40.0
Dimethylphthalate	1.473	1.459	0.300	-0.9321	20.0
2,6-Dinitrotoluene	0.294	0.292	0.080	-0.6907	30.0
Acenaphthylene	1.828	1.846	0.400	0.9516	20.0
3-Nitroaniline	0.290	0.286	0.010	-1.5138	40.0
Acenaphthene	1.217	1.222	0.200	0.3647	20.0
2,4-Dinitrophenol	0.175	0.153	0.010	-12.3733	40.0
4-Nitrophenol	0.265	0.256	0.010	-3.4434	40.0
Dibenzofuran	1.627	1.671	0.300	2.6984	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:10:33

Lab File ID: BN031393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020397 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.429	0.070	0.3903	30.0
Diethylphthalate	1.533	1.543	0.300	0.6685	20.0
Fluorene	1.355	1.363	0.200	0.5913	20.0
4-Chlorophenyl-phenylether	0.674	0.672	0.100	-0.2651	20.0
4-Nitroaniline	0.257	0.256	0.010	-0.4562	40.0
4,6-Dinitro-2-methylphenol	0.127	0.123	0.010	-3.135	40.0
N-Nitrosodiphenylamine	0.565	0.563	0.050	-0.3608	20.0
1,2,4,5-Tetrachlorobenzene	0.561	0.560	0.100	-0.1745	20.0
4-Bromophenyl-phenylether	0.201	0.213	0.070	5.6597	20.0
Hexachlorobenzene	0.239	0.236	0.050	-1.3161	25.0
Atrazine	0.190	0.191	0.010	0.7377	25.0
Pentachlorophenol	0.153	0.145	0.010	-4.9774	40.0
Phenanthrene	1.032	1.061	0.200	2.7914	20.0
Pentachlorobenzene	0.270	0.274	0.050	1.5321	20.0
Anthracene	1.051	1.087	0.200	3.4111	20.0
1,2,3,4-Tetrachlorobenzene	0.269	0.279	0.050	3.7744	20.0
Carbazole	0.909	0.952	0.050	4.6453	40.0
Di-n-butylphthalate	1.251	1.297	0.500	3.6165	25.0
Fluoranthene	1.368	1.454	0.400	6.2959	25.0
Pyrene	1.427	1.494	0.400	4.625	25.0
Butylbenzylphthalate	0.633	0.658	0.100	4.0061	40.0
3,3-Dichlorobenzidine	0.372	0.391	0.010	5.2333	40.0
Benzo (a) anthracene	1.341	1.361	0.300	1.4869	30.0
Chrysene	1.263	1.278	0.200	1.1743	30.0
Bis(2-ethylhexyl)phthalate	0.897	0.924	0.200	3.0356	40.0
Di-n-octyl phthalate	1.427	1.434	0.010	0.5352	40.0
Benzo (b) fluoranthene	1.197	1.169	0.200	-2.3532	25.0
Benzo (k) fluoranthene	1.180	1.200	0.200	1.731	25.0
Benzo (a) pyrene	1.093	1.091	0.200	-0.1865	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.301	0.200	-0.1004	25.0
Dibenzo (a,h) anthracene	1.085	1.091	0.200	0.5521	30.0
Benzo (g,h,i) perylene	1.050	1.041	0.200	-0.8541	30.0
2,3,4,6-Tetrachlorophenol	0.344	0.333	0.040	-3.1691	20.0
1,4-Dioxane-d8	0.462	0.436	0.010	-5.5664	25.0
Pyridine-d5	1.201	1.176	0.010	-2.0913	40.0
Phenol-d5	1.525	1.488	0.010	-2.4058	25.0
Bis- (2-Chloroethyl) ether-d8	0.861	0.830	0.050	-3.5901	25.0
2-Chlorophenol-d4	1.272	1.248	0.200	-1.8803	20.0
4-Methylphenol-d8	1.265	1.242	0.010	-1.7572	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:10:33

Lab File ID: BN031393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020397 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.148	0.050	-1.6187	20.0
2-Nitrophenol-d4	0.167	0.166	0.050	-0.4969	30.0
2,4-Dichlorophenol-d3	0.299	0.300	0.060	0.0771	20.0
4-Chloroaniline-d4	0.417	0.421	0.010	0.9091	40.0
Dimethylphthalate-d6	1.439	1.424	0.300	-1.081	20.0
Acenaphthylene-d8	1.584	1.630	0.400	2.931	20.0
4-Nitrophenol-d4	0.256	0.249	0.010	-2.6696	40.0
Fluorene-d10	1.176	1.189	0.100	1.0569	20.0
4,6-Dinitro-2-methylphenol-d2	0.122	0.116	0.010	-5.4826	40.0
Anthracene-d10	0.871	0.884	0.300	1.4779	20.0
Pyrene-d10	1.136	1.196	0.300	5.2978	25.0
Benzo(a)pyrene-d12	0.954	0.930	0.010	-2.536	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.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:17:21

Lab File ID: BN031403.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020398 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.461	0.453	0.010	-1.8786	40.0
Benzaldehyde	0.723	0.798	0.010	10.3828	40.0
Pyridine	1.208	1.221	0.010	1.0921	40.0
Phenol	1.543	1.494	0.080	-3.1293	20.0
Bis(2-Chloroethyl) ether	1.230	1.194	0.100	-2.8905	20.0
2-Chlorophenol	1.329	1.289	0.200	-3.0219	20.0
2-Methylphenol	1.194	1.156	0.010	-3.1812	20.0
2,2-oxybis(1-Chloropropane)	1.349	1.322	0.010	-2.0399	40.0
Acetophenone	2.001	2.063	0.060	3.1251	20.0
4-Methylphenol	1.290	1.298	0.010	0.5845	20.0
N-Nitroso-di-n-propylamine	0.988	0.999	0.050	1.1147	30.0
Hexachloroethane	0.587	0.584	0.100	-0.4805	20.0
Nitrobenzene	0.357	0.367	0.050	2.8694	25.0
Isophorone	0.679	0.681	0.050	0.3153	25.0
2-Nitrophenol	0.179	0.180	0.050	0.6232	25.0
2,4-Dimethylphenol	0.349	0.353	0.050	1.0914	25.0
Bis(2-Chloroethoxy) methane	0.396	0.394	0.050	-0.5634	20.0
2,4-Dichlorophenol	0.296	0.303	0.060	2.4849	20.0
Naphthalene	1.031	1.030	0.200	-0.0776	20.0
4-Chloroaniline	0.403	0.413	0.010	2.5253	40.0
Hexachlorobutadiene	0.207	0.208	0.040	0.4305	30.0
Caprolactam	0.096	0.094	0.010	-2.1053	40.0
4-Chloro-3-methylphenol	0.344	0.347	0.040	0.7604	25.0
1-Methylnaphthalene	0.704	0.712	0.100	1.1272	20.0
2-Methylnaphthalene	0.704	0.704	0.100	0.0811	20.0
Hexachlorocyclopentadiene	0.371	0.352	0.010	-4.8904	40.0
2,4,6-Trichlorophenol	0.372	0.375	0.090	0.8592	25.0
2,4,5-Trichlorophenol	0.400	0.398	0.100	-0.4076	25.0
1,1-Biphenyl	1.417	1.436	0.200	1.3794	20.0
2-Chloronaphthalene	1.118	1.142	0.300	2.1455	20.0
2-Nitroaniline	0.318	0.326	0.050	2.2528	40.0
Dimethylphthalate	1.473	1.478	0.300	0.3839	20.0
2,6-Dinitrotoluene	0.294	0.296	0.080	0.6378	30.0
Acenaphthylene	1.828	1.862	0.400	1.867	20.0
3-Nitroaniline	0.290	0.288	0.010	-0.8158	40.0
Acenaphthene	1.217	1.237	0.200	1.6498	20.0
2,4-Dinitrophenol	0.175	0.148	0.010	-15.5896	40.0
4-Nitrophenol	0.265	0.274	0.010	3.5361	40.0
Dibenzofuran	1.627	1.631	0.300	0.2402	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:17:21

Lab File ID: BN031403.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020398 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.433	0.070	1.3135	30.0
Diethylphthalate	1.533	1.556	0.300	1.5444	20.0
Fluorene	1.355	1.378	0.200	1.7034	20.0
4-Chlorophenyl-phenylether	0.674	0.668	0.100	-0.9219	20.0
4-Nitroaniline	0.257	0.279	0.010	8.6135	40.0
4,6-Dinitro-2-methylphenol	0.127	0.123	0.010	-3.4958	40.0
N-Nitrosodiphenylamine	0.565	0.582	0.050	3.0159	20.0
1,2,4,5-Tetrachlorobenzene	0.561	0.568	0.100	1.2121	20.0
4-Bromophenyl-phenylether	0.201	0.211	0.070	4.6125	20.0
Hexachlorobenzene	0.239	0.239	0.050	0.0107	25.0
Atrazine	0.190	0.188	0.010	-0.7983	25.0
Pentachlorophenol	0.153	0.147	0.010	-3.6451	40.0
Phenanthrene	1.032	1.063	0.200	2.9838	20.0
Pentachlorobenzene	0.270	0.276	0.050	2.2411	20.0
Anthracene	1.051	1.085	0.200	3.2399	20.0
1,2,3,4-Tetrachlorobenzene	0.269	0.279	0.050	3.8602	20.0
Carbazole	0.909	0.919	0.050	1.0709	40.0
Di-n-butylphthalate	1.251	1.309	0.500	4.6092	25.0
Fluoranthene	1.368	1.462	0.400	6.8649	25.0
Pyrene	1.427	1.501	0.400	5.1638	25.0
Butylbenzylphthalate	0.633	0.685	0.100	8.1988	40.0
3,3-Dichlorobenzidine	0.372	0.384	0.010	3.159	40.0
Benzo (a) anthracene	1.341	1.340	0.300	-0.064	30.0
Chrysene	1.263	1.291	0.200	2.2494	30.0
Bis(2-ethylhexyl)phthalate	0.897	0.993	0.200	10.733	40.0
Di-n-octyl phthalate	1.427	1.586	0.010	11.1955	40.0
Benzo (b) fluoranthene	1.197	1.198	0.200	0.068	25.0
Benzo (k) fluoranthene	1.180	1.244	0.200	5.4647	25.0
Benzo (a) pyrene	1.093	1.113	0.200	1.8473	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.242	0.200	-4.6296	25.0
Dibenzo (a,h) anthracene	1.085	1.055	0.200	-2.7524	30.0
Benzo (g,h,i) perylene	1.050	1.016	0.200	-3.1648	30.0
2,3,4,6-Tetrachlorophenol	0.344	0.336	0.040	-2.3477	20.0
1,4-Dioxane-d8	0.462	0.453	0.010	-1.9861	25.0
Pyridine-d5	1.201	1.208	0.010	0.5607	40.0
Phenol-d5	1.525	1.472	0.010	-3.4493	25.0
Bis- (2-Chloroethyl) ether-d8	0.861	0.828	0.050	-3.8439	25.0
2-Chlorophenol-d4	1.272	1.250	0.200	-1.7308	20.0
4-Methylphenol-d8	1.265	1.245	0.010	-1.5754	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624
 Instrument ID: BNA_N Calibration Date/Time: 5/6/2024 12:17:21
 Lab File ID: BN031403.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020398 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.152	0.050	0.5963	20.0
2-Nitrophenol-d4	0.167	0.165	0.050	-0.9946	30.0
2,4-Dichlorophenol-d3	0.299	0.310	0.060	3.483	20.0
4-Chloroaniline-d4	0.417	0.421	0.010	1.0844	40.0
Dimethylphthalate-d6	1.439	1.462	0.300	1.573	20.0
Acenaphthylene-d8	1.584	1.608	0.400	1.5127	20.0
4-Nitrophenol-d4	0.256	0.254	0.010	-0.7295	40.0
Fluorene-d10	1.176	1.187	0.100	0.8896	20.0
4,6-Dinitro-2-methylphenol-d2	0.122	0.113	0.010	-7.5771	40.0
Anthracene-d10	0.871	0.885	0.300	1.6477	20.0
Pyrene-d10	1.136	1.186	0.300	4.4363	25.0
Benzo(a)pyrene-d12	0.954	0.957	0.010	0.3272	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.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/7/2024 12:01:54

Lab File ID: BN031416.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020399 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.461	0.478	0.010	3.5595	50.0
Benzaldehyde	0.723	0.814	0.010	12.6614	50.0
Pyridine	1.208	1.252	0.010	3.635	50.0
Phenol	1.543	1.544	0.080	0.0795	50.0
Bis(2-Chloroethyl) ether	1.230	1.307	0.100	6.2943	50.0
2-Chlorophenol	1.329	1.325	0.200	-0.3554	50.0
2-Methylphenol	1.194	1.155	0.010	-3.2826	50.0
2,2-oxybis(1-Chloropropane)	1.349	1.660	0.010	23.0057	50.0
Acetophenone	2.001	1.871	0.060	-6.49	50.0
4-Methylphenol	1.290	1.252	0.010	-2.9603	50.0
N-Nitroso-di-n-propylamine	0.988	0.913	0.050	-7.5848	50.0
Hexachloroethane	0.587	0.565	0.100	-3.6649	50.0
Nitrobenzene	0.357	0.361	0.050	1.1879	50.0
Isophorone	0.679	0.650	0.050	-4.2243	50.0
2-Nitrophenol	0.179	0.175	0.050	-2.0798	50.0
2,4-Dimethylphenol	0.349	0.320	0.050	-8.3185	50.0
Bis(2-Chloroethoxy) methane	0.396	0.421	0.050	6.408	50.0
2,4-Dichlorophenol	0.296	0.287	0.060	-2.9346	50.0
Naphthalene	1.031	1.027	0.200	-0.4139	50.0
4-Chloroaniline	0.403	0.397	0.010	-1.5094	50.0
Hexachlorobutadiene	0.207	0.191	0.040	-8.0907	50.0
Caprolactam	0.096	0.080	0.010	-16.4777	50.0
4-Chloro-3-methylphenol	0.344	0.301	0.040	-12.4112	50.0
1-Methylnaphthalene	0.704	0.672	0.100	-4.529	50.0
2-Methylnaphthalene	0.704	0.678	0.100	-3.6193	50.0
Hexachlorocyclopentadiene	0.371	0.334	0.010	-9.8229	50.0
2,4,6-Trichlorophenol	0.372	0.373	0.090	0.3469	50.0
2,4,5-Trichlorophenol	0.400	0.401	0.100	0.2624	50.0
1,1-Biphenyl	1.417	1.495	0.200	5.5732	50.0
2-Chloronaphthalene	1.118	1.165	0.300	4.2497	50.0
2-Nitroaniline	0.318	0.308	0.050	-3.4214	50.0
Dimethylphthalate	1.473	1.392	0.300	-5.4657	50.0
2,6-Dinitrotoluene	0.294	0.273	0.080	-7.0459	50.0
Acenaphthylene	1.828	1.862	0.400	1.8326	50.0
3-Nitroaniline	0.290	0.278	0.010	-4.0596	50.0
Acenaphthene	1.217	1.201	0.200	-1.3795	50.0
2,4-Dinitrophenol	0.175	0.120	0.010	-31.3182	50.0
4-Nitrophenol	0.265	0.194	0.010	-26.7024	50.0
Dibenzofuran	1.627	1.635	0.300	0.466	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624

Instrument ID: BNA_N Calibration Date/Time: 5/7/2024 12:01:54

Lab File ID: BN031416.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020399 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.381	0.070	-10.9761	50.0
Diethylphthalate	1.533	1.360	0.300	-11.2833	50.0
Fluorene	1.355	1.281	0.200	-5.4417	50.0
4-Chlorophenyl-phenylether	0.674	0.631	0.100	-6.4521	50.0
4-Nitroaniline	0.257	0.242	0.010	-5.7789	50.0
4,6-Dinitro-2-methylphenol	0.127	0.112	0.010	-12.4587	50.0
N-Nitrosodiphenylamine	0.565	0.598	0.050	5.9276	50.0
1,2,4,5-Tetrachlorobenzene	0.561	0.594	0.100	5.9273	50.0
4-Bromophenyl-phenylether	0.201	0.206	0.070	2.4142	50.0
Hexachlorobenzene	0.239	0.231	0.050	-3.1599	50.0
Atrazine	0.190	0.172	0.010	-9.4602	50.0
Pentachlorophenol	0.153	0.134	0.010	-12.6649	50.0
Phenanthrene	1.032	1.045	0.200	1.2286	50.0
Pentachlorobenzene	0.270	0.280	0.050	3.9305	50.0
Anthracene	1.051	1.071	0.200	1.8899	50.0
1,2,3,4-Tetrachlorobenzene	0.269	0.307	0.050	14.1179	50.0
Carbazole	0.909	0.930	0.050	2.2317	50.0
Di-n-butylphthalate	1.251	1.182	0.500	-5.5561	50.0
Fluoranthene	1.368	1.371	0.400	0.2088	50.0
Pyrene	1.427	1.414	0.400	-0.9783	50.0
Butylbenzylphthalate	0.633	0.592	0.100	-6.5435	50.0
3,3-Dichlorobenzidine	0.372	0.373	0.010	0.3002	50.0
Benzo (a) anthracene	1.341	1.379	0.300	2.8554	50.0
Chrysene	1.263	1.294	0.200	2.4778	50.0
Bis (2-ethylhexyl) phthalate	0.897	0.826	0.200	-7.879	50.0
Di-n-octyl phthalate	1.427	1.226	0.010	-14.0462	50.0
Benzo (b) fluoranthene	1.197	1.195	0.200	-0.17	50.0
Benzo (k) fluoranthene	1.180	1.203	0.200	1.9575	50.0
Benzo (a) pyrene	1.093	1.087	0.200	-0.5037	50.0
Indeno (1,2,3-cd) pyrene	1.303	1.403	0.200	7.6683	50.0
Dibenzo (a,h) anthracene	1.085	1.140	0.200	5.0948	50.0
Benzo (g,h,i) perylene	1.050	1.147	0.200	9.2998	50.0
2,3,4,6-Tetrachlorophenol	0.344	0.313	0.040	-8.9624	50.0
1,4-Dioxane-d8	0.462	0.454	0.010	-1.7223	50.0
Pyridine-d5	1.201	1.234	0.010	2.7574	50.0
Phenol-d5	1.525	1.517	0.010	-0.512	50.0
Bis- (2-Chloroethyl) ether-d8	0.861	0.931	0.050	8.1361	50.0
2-Chlorophenol-d4	1.272	1.266	0.200	-0.4342	50.0
4-Methylphenol-d8	1.265	1.191	0.010	-5.8308	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG No.: BN050624
 Instrument ID: BNA_N Calibration Date/Time: 5/7/2024 12:01:54
 Lab File ID: BN031416.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020399 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.154	0.050	1.9459	50.0
2-Nitrophenol-d4	0.167	0.161	0.050	-3.0269	50.0
2,4-Dichlorophenol-d3	0.299	0.293	0.060	-2.1749	50.0
4-Chloroaniline-d4	0.417	0.400	0.010	-4.0472	50.0
Dimethylphthalate-d6	1.439	1.364	0.300	-5.2154	50.0
Acenaphthylene-d8	1.584	1.628	0.400	2.801	50.0
4-Nitrophenol-d4	0.256	0.232	0.010	-9.1256	50.0
Fluorene-d10	1.176	1.128	0.100	-4.1184	50.0
4,6-Dinitro-2-methylphenol-d2	0.122	0.101	0.010	-17.5652	50.0
Anthracene-d10	0.871	0.878	0.300	0.862	50.0
Pyrene-d10	1.136	1.125	0.300	-0.9557	50.0
Benzo(a)pyrene-d12	0.954	0.899	0.010	-5.7269	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:	SBLK580	SDG No.:	BN050624
Lab Sample ID:	PB160580BL	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
BN031394.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	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:	SBLK580	SDG No.:	BN050624
Lab Sample ID:	PB160580BL	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
BN031394.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	SBLK580	SDG No.:	BN050624
Lab Sample ID:	PB160580BL	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
BN031394.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.721		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	24.793		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.354		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.366		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.603		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.954		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.425		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.315		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.53		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.042		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.962		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.159		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.802		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.887		25-125		62	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:	SBLK580	SDG No.:	BN050624
Lab Sample ID:	PB160580BL	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
BN031394.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.123		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	26.079		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	25.232		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.483		20-130		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148414	7.599				
1146-65-2	Naphthalene-d8	619670	10.375				
15067-26-2	Acenaphthene-d10	420038	14.245				
1517-22-2	Phenanthrene-d10	867816	16.998				
1719-03-5	Chrysene-d12	767817	21.233				
1520-96-3	Perylene-d12	744305	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	C0RR0	SDG No.:	BN050624
Lab Sample ID:	P2279-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031395.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	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:	C0RR0	SDG No.:	BN050624
Lab Sample ID:	P2279-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031395.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.76	U	0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	C0RR0	SDG No.:	BN050624
Lab Sample ID:	P2279-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031395.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	J	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.742		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	13.228		20-120		33	SPK: -40
4165-62-2	Phenol-d5	6.607		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.804		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.253		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	14.374		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	36.763		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.621		20-130		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.531		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.283		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.812		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	38.606		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.664	*	10-150		2	SPK: -40
81103-79-9	Fluorene-d10	41.707		25-125		104	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:	C0RR0	SDG No.:	BN050624
Lab Sample ID:	P2279-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031395.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.034	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	44.803		25-130		112	SPK: -40
1718-52-1	Pyrene-d10	44.395		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.149		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99942	7.593				
1146-65-2	Naphthalene-d8	409704	10.375				
15067-26-2	Acenaphthene-d10	275090	14.245				
1517-22-2	Phenanthrene-d10	578462	16.998				
1719-03-5	Chrysene-d12	542515	21.233				
1520-96-3	Perylene-d12	522136	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	15.992	2.7	J		15.992	
	(DEL) Alkane: Straight-Chain	18.816	5.3	J		16.816	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	6	J			22.304	
007683-64-9	Supraene	4	J			22.751	
E966796	Total Alkanes	8				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:	C0RR1	SDG No.:	BN050624
Lab Sample ID:	P2279-08	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
BN031396.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.87	U	0.87	10.2	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.6	5.1	ug/L
67-72-1	Hexachloroethane	0.91	U	0.91	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.6	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.99	U	0.99	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	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:	C0RR1	SDG No.:	BN050624
Lab Sample ID:	P2279-08	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
BN031396.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.88	U	0.88	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.99	U	0.99	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.6	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.6	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.77	U	0.77	2.6	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	C0RR1	SDG No.:	BN050624
Lab Sample ID:	P2279-08	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
BN031396.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.6	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.94		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	6.674	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.561		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.454		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.809		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	13.292		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	25.014		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.739		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.966		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.421		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.053		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.191		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.738		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	28.841		25-125		72	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:	C0RR1	SDG No.:	BN050624
Lab Sample ID:	P2279-08	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
BN031396.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.227		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.397		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	31.809		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.619		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132697	7.593				
1146-65-2	Naphthalene-d8	563003	10.375				
15067-26-2	Acenaphthene-d10	370490	14.245				
1517-22-2	Phenanthrene-d10	769651	16.998				
1719-03-5	Chrysene-d12	636427	21.233				
1520-96-3	Perylene-d12	605031	24.115				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.3	J			11.122	
000057-10-3	n-Hexadecanoic acid	56	J			17.922	
000057-11-4	Octadecanoic acid	94	J			19.21	
000506-51-4	n-Tetracosanol-1	7.3	J			20.939	
075581-03-2	2,6,10,14,18-Pentamethyl-2,6,10,14	4.6	J			22.751	
E966796	Total Alkanes	1.9	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:	C0RR2	SDG No.:	BN050624
Lab Sample ID:	P2279-09	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
BN031397.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.87	U	0.87	10.2	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.6	5.1	ug/L
67-72-1	Hexachloroethane	0.91	U	0.91	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.6	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.99	U	0.99	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	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:	C0RR2	SDG No.:	BN050624
Lab Sample ID:	P2279-09	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
BN031397.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.88	U	0.88	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.99	U	0.99	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.6	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.6	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.77	U	0.77	2.6	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	C0RR2	SDG No.:	BN050624
Lab Sample ID:	P2279-09	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
BN031397.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.6	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.083		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	9.579		20-120		24	SPK: -40
4165-62-2	Phenol-d5	9.429		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.612		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.3		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	19.528		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	39.605		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.801		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.744		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.646		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.145		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	40.297		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.652		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	40.97		25-125		102	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:	C0RR2	SDG No.:	BN050624
Lab Sample ID:	P2279-09	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
BN031397.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.098		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	44.282		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	45.699		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.839		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120931	7.599				
1146-65-2	Naphthalene-d8	500535	10.375				
15067-26-2	Acenaphthene-d10	333853	14.245				
1517-22-2	Phenanthrene-d10	682309	16.998				
1719-03-5	Chrysene-d12	537104	21.233				
1520-96-3	Perylene-d12	509454	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	13	J			17.904	
000057-11-4	Octadecanoic acid	23	J			19.198	
006222-03-3	Trifluoroacetoxy hexadecane	2.7	J			20.939	
E966796	Total Alkanes	1.9	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:	C0RR3	SDG No.:	BN050624
Lab Sample ID:	P2279-10	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
BN031398.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	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:	C0RR3	SDG No.:	BN050624
Lab Sample ID:	P2279-10	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
BN031398.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.76	U	0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	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:	C0RR3	SDG No.:	BN050624
Lab Sample ID:	P2279-10	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
BN031398.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	7.045	*	20-120		18	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.9		15-120		49	SPK: -8
4165-62-2	Phenol-d5	6.465		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.637		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.84		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	16.582		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	36.079		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.812		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.996		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.82		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.931		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	38.498		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.051		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	40.639		25-125		102	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:	C0RR3	SDG No.:	BN050624
Lab Sample ID:	P2279-10	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
BN031398.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.041		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	45.784		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	45.015		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.977		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114944	7.599				
1146-65-2	Naphthalene-d8	486420	10.375				
15067-26-2	Acenaphthene-d10	326500	14.245				
1517-22-2	Phenanthrene-d10	698970	16.998				
1719-03-5	Chrysene-d12	626924	21.233				
1520-96-3	Perylene-d12	592923	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	C0RR4	SDG No.:	BN050624
Lab Sample ID:	P2279-11	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
BN031399.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.5	U	1.5	5.2	10	ug/L
110-86-1	Pyridine	0.89	U	0.89	10.4	10	ug/L
108-95-2	Phenol	3.9	J	1.8	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.6	U	1.6	5.2	10	ug/L
95-57-8	2-Chlorophenol	3.8	J	1.1	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)	1.5	U	1.5	5.2	10	ug/L
98-86-2	Acetophenone	2.2	U	2.2	5.2	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	5.2	ug/L
67-72-1	Hexachloroethane	0.93	U	0.93	2.6	5.2	ug/L
98-95-3	Nitrobenzene	390	E	1.4	2.6	5.2	ug/L
78-59-1	Isophorone	1.5	U	1.5	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.5	U	1.5	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.75	U	0.75	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	1.5	J	1.5	2.6	5.2	ug/L
91-20-3	Naphthalene	1.6	U	1.6	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.2	ug/L
105-60-2	Caprolactam	1.4	U	1.4	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.5	U	1.5	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.5	U	1.5	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	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:	C0RR4	SDG No.:	BN050624
Lab Sample ID:	P2279-11	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
BN031399.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2	U	2	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.3	U	1.3	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.7	U	1.7	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.9	U	1.9	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	0.9	U	0.9	5.2	10	ug/L
83-32-9	Acenaphthene	2	U	2	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	2	U	2	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.6	U	1.6	5.2	10	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.6	U	1.6	2.6	5.2	ug/L
86-73-7	Fluorene	2.1	U	2.1	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2	U	2	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.63	U	0.63	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.8	U	1.8	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.7	J	1.9	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	5.2	10	ug/L
87-86-5	Pentachlorophenol	1.8	U	1.8	5.2	10	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.4	U	1.4	2.6	5.2	ug/L
120-12-7	Anthracene	1.8	U	1.8	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7		0.78	2.6	5.2	ug/L
86-74-8	Carbazole	2.1	U	2.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	1.8	U	1.8	2.6	5.2	ug/L
206-44-0	Fluoranthene	1.8	U	1.8	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:	C0RR4	SDG No.:	BN050624
Lab Sample ID:	P2279-11	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
BN031399.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	1.6	U	1.6	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	1.6	U	1.6	2.6	5.2	ug/L
218-01-9	Chrysene	1.8	U	1.8	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	2.3	U	2.3	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	2.1	U	2.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2	U	2	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.1	U	2.1	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	1.9	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.842		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	9.588		20-120		24	SPK: -40
4165-62-2	Phenol-d5	7.703		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.568		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.684		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.735		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	33.259		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.017		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.824		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.423		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.7		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	36.734		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.879		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	38.516		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:	C0RR4	SDG No.:	BN050624
Lab Sample ID:	P2279-11	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
BN031399.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.565		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	41.325		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	39.473		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.135		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120093	7.604				
1146-65-2	Naphthalene-d8	504457	10.375				
15067-26-2	Acenaphthene-d10	334178	14.245				
1517-22-2	Phenanthrene-d10	716304	16.998				
1719-03-5	Chrysene-d12	686998	21.233				
1520-96-3	Perylene-d12	692896	24.115				
TENTATIVE IDENTIFIED COMPOUNDS							
000121-73-3	Benzene, 1-chloro-3-nitro-	72	J			10.987	
000088-73-3	Benzene, 1-chloro-2-nitro-	21	J			11.198	
000095-77-2	Phenol, 3,4-dichloro-	2.1	J			13.269	
000057-10-3	n-Hexadecanoic acid	16	J			17.91	
000057-11-4	Octadecanoic acid	26	J			19.198	
E966796	Total Alkanes	2	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:	C0RR5	SDG No.:	BN050624
Lab Sample ID:	P2279-12	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
BN031400.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.2	10	ug/L
110-86-1	Pyridine	0.88	U	0.88	10.3	10	ug/L
108-95-2	Phenol	2.2	J	1.8	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	2.8	J	1.1	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)	1.4	U	1.4	5.2	10	ug/L
98-86-2	Acetophenone	2.2	U	2.2	5.2	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.6	5.2	ug/L
67-72-1	Hexachloroethane	0.92	U	0.92	2.6	5.2	ug/L
98-95-3	Nitrobenzene	58		1.3	2.6	5.2	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.74	U	0.74	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.6	5.2	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.2	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	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:	C0RR5	SDG No.:	BN050624
Lab Sample ID:	P2279-12	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
BN031400.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2	U	2	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.9	U	1.9	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	0.89	U	0.89	5.2	10	ug/L
83-32-9	Acenaphthene	2	U	2	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	2	U	2	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.2	10	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.2	ug/L
86-73-7	Fluorene	2.1	U	2.1	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2	U	2	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.62	U	0.62	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.8	U	1.8	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	1.9	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.2	10	ug/L
87-86-5	Pentachlorophenol	1.8	U	1.8	5.2	10	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.6	5.2	ug/L
120-12-7	Anthracene	1.8	U	1.8	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.3	J	0.77	2.6	5.2	ug/L
86-74-8	Carbazole	2.1	U	2.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	1.8	U	1.8	2.6	5.2	ug/L
206-44-0	Fluoranthene	1.8	U	1.8	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:	C0RR5	SDG No.:	BN050624
Lab Sample ID:	P2279-12	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
BN031400.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.6	5.2	ug/L
218-01-9	Chrysene	1.8	U	1.8	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	2.3	U	2.3	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	2.1	U	2.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2	U	2	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.1	U	2.1	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	1.9	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.465		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	11.203		20-120		28	SPK: -40
4165-62-2	Phenol-d5	6.652		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.483		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.347		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	14.963		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	33.225		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.72		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.082		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.098		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.856		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.864		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.877		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	35.523		25-125		89	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:	C0RR5	SDG No.:	BN050624
Lab Sample ID:	P2279-12	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
BN031400.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.381		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	39.417		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	36.9		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.438		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111682	7.599				
1146-65-2	Naphthalene-d8	421571	10.375				
15067-26-2	Acenaphthene-d10	240336	14.245				
1517-22-2	Phenanthrene-d10	467186	16.998				
1719-03-5	Chrysene-d12	435371	21.239				
1520-96-3	Perylene-d12	523053	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-51-2	o-Chloroaniline	5.5	J			9.416	
000576-24-9	Phenol, 2,3-dichloro-	2.2	J			10.157	
000121-73-3	Benzene, 1-chloro-3-nitro-	8.2	J			10.981	
000088-73-3	Benzene, 1-chloro-2-nitro-	3	J			11.193	
003938-16-7	3,6-Dichloro-benzene-1,2-diol	27	J			13.14	
000095-77-2	Phenol, 3,4-dichloro-	2.7	J			13.269	
000057-10-3	n-Hexadecanoic acid	8	J			17.904	
000057-11-4	Octadecanoic acid	13	J			19.198	
1000406-33-2	Isobutyl tetracosyl ether	2.8	J			20.933	
E966796	Total Alkanes	2	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:	SLCS580	SDG No.:	BN050624
Lab Sample ID:	PB160580BS	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
BN031401.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	39		1.4	5	10	ug/L
110-86-1	Pyridine	32		0.85	10	10	ug/L
108-95-2	Phenol	34		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.4	5	10	ug/L
98-86-2	Acetophenone	33		2.1	5	10	ug/L
106-44-5	4-Methylphenol	34		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	32		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.3	2.5	5	ug/L
78-59-1	Isophorone	34		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	32		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.4	2.5	5	ug/L
91-20-3	Naphthalene	34		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	31		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.1	2.5	5	ug/L
105-60-2	Caprolactam	35		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.7	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:	SLCS580	SDG No.:	BN050624
Lab Sample ID:	PB160580BS	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
BN031401.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.86	5	10	ug/L
83-32-9	Acenaphthene	33		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.5	5	10	ug/L
132-64-9	Dibenzofuran	34		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	33		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.9	2.5	5	ug/L
1912-24-9	Atrazine	33		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	33		1.7	5	10	ug/L
85-01-8	Phenanthrene	35		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	37		1.3	2.5	5	ug/L
120-12-7	Anthracene	34		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	37		0.75	2.5	5	ug/L
86-74-8	Carbazole	35		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.7	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:	SLCS580	SDG No.:	BN050624
Lab Sample ID:	PB160580BS	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
BN031401.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.5	2.5	5	ug/L
218-01-9	Chrysene	34		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	41		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	40		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.596		15-120		95	SPK: -8
7291-22-7	Pyridine-d5	32.59		20-120		81	SPK: -40
4165-62-2	Phenol-d5	33.78		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.23		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.615		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	33.809		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	34.598		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.494		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.255		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.295		1-146		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.3		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.349		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.158		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	34.122		25-125		85	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:	SLCS580	SDG No.:	BN050624
Lab Sample ID:	PB160580BS	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
BN031401.D	1	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.753		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	34.982		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	36.059		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.173		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125028	7.599				
1146-65-2	Naphthalene-d8	506059	10.375				
15067-26-2	Acenaphthene-d10	324461	14.245				
1517-22-2	Phenanthrene-d10	625399	16.998				
1719-03-5	Chrysene-d12	489762	21.239				
1520-96-3	Perylene-d12	552760	24.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	C0RR4DL	SDG No.:	BN050624
Lab Sample ID:	P2279-11DL	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
BN031402.D	10	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2	U	3.2	5.2	21	ug/L
100-52-7	Benzaldehyde	15	U	15	52.1	100	ug/L
110-86-1	Pyridine	8.9	U	8.9	100	100	ug/L
108-95-2	Phenol	18	U	18	52.1	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	16	U	16	52.1	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	26	52	ug/L
95-48-7	2-Methylphenol	16	U	16	52.1	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	15	U	15	52.1	100	ug/L
98-86-2	Acetophenone	22	U	22	52.1	100	ug/L
106-44-5	4-Methylphenol	17	U	17	52.1	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	26	52	ug/L
67-72-1	Hexachloroethane	9.3	U	9.3	26	52	ug/L
98-95-3	Nitrobenzene	290	D	14	26	52	ug/L
78-59-1	Isophorone	15	U	15	26	52	ug/L
88-75-5	2-Nitrophenol	15	U	15	26	52	ug/L
105-67-9	2,4-Dimethylphenol	7.5	U	7.5	26	52	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	26	52	ug/L
120-83-2	2,4-Dichlorophenol	15	U	15	26	52	ug/L
91-20-3	Naphthalene	16	U	16	26	52	ug/L
106-47-8	4-Chloroaniline	18	U	18	26	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	26	52	ug/L
105-60-2	Caprolactam	14	U	14	52.1	100	ug/L
59-50-7	4-Chloro-3-methylphenol	15	U	15	26	52	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	26	52	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	26	52	ug/L
77-47-4	Hexachlorocyclopentadiene	15	U	15	52.1	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	26	52	ug/L
95-95-4	2,4,5-Trichlorophenol	18	U	18	26	52	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:	C0RR4DL	SDG No.:	BN050624
Lab Sample ID:	P2279-11DL	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
BN031402.D	10	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	20	U	20	26	52	ug/L
91-58-7	2-Chloronaphthalene	19	U	19	26	52	ug/L
88-74-4	2-Nitroaniline	13	U	13	26	52	ug/L
131-11-3	Dimethylphthalate	17	U	17	26	52	ug/L
606-20-2	2,6-Dinitrotoluene	14	U	14	26	52	ug/L
208-96-8	Acenaphthylene	19	U	19	26	52	ug/L
99-09-2	3-Nitroaniline	9	U	9	52.1	100	ug/L
83-32-9	Acenaphthene	20	U	20	26	52	ug/L
51-28-5	2,4-Dinitrophenol	20	U	20	52.1	100	ug/L
100-02-7	4-Nitrophenol	16	U	16	52.1	100	ug/L
132-64-9	Dibenzofuran	18	U	18	26	52	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	26	52	ug/L
84-66-2	Diethylphthalate	16	U	16	26	52	ug/L
86-73-7	Fluorene	21	U	21	26	52	ug/L
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	26	52	ug/L
100-01-6	4-Nitroaniline	6.3	U	6.3	52.1	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	52.1	100	ug/L
86-30-6	N-Nitrosodiphenylamine	18	U	18	26	52	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	19	U	19	26	52	ug/L
101-55-3	4-Bromophenyl-phenylether	28	U	28	26	52	ug/L
118-74-1	Hexachlorobenzene	20	U	20	26	52	ug/L
1912-24-9	Atrazine	13	U	13	52.1	100	ug/L
87-86-5	Pentachlorophenol	18	U	18	52.1	100	ug/L
85-01-8	Phenanthrene	19	U	19	26	52	ug/L
608-93-5	Pentachlorobenzene	14	U	14	26	52	ug/L
120-12-7	Anthracene	18	U	18	26	52	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.8	U	7.8	26	52	ug/L
86-74-8	Carbazole	21	U	21	52.1	100	ug/L
84-74-2	Di-n-butylphthalate	18	U	18	26	52	ug/L
206-44-0	Fluoranthene	18	U	18	52.1	52	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:	C0RR4DL	SDG No.:	BN050624
Lab Sample ID:	P2279-11DL	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
BN031402.D	10	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	26	52	ug/L
85-68-7	Butylbenzylphthalate	16	U	16	26	52	ug/L
91-94-1	3,3-Dichlorobenzidine	15	U	15	52.1	100	ug/L
56-55-3	Benzo(a)anthracene	16	U	16	26	52	ug/L
218-01-9	Chrysene	18	U	18	26	52	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	16	U	16	26	52	ug/L
117-84-0	Di-n-octyl phthalate	14	U	14	52.1	100	ug/L
205-99-2	Benzo(b)fluoranthene	17	U	17	26	52	ug/L
207-08-9	Benzo(k)fluoranthene	23	U	23	26	52	ug/L
50-32-8	Benzo(a)pyrene	21	U	21	26	52	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20	U	20	26	52	ug/L
53-70-3	Dibenzo(a,h)anthracene	21	U	21	26	52	ug/L
191-24-2	Benzo(g,h,i)perylene	20	U	20	26	52	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	19	U	19	26	52	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.22	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.07		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.75		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.12		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.91		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.89		20-125		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.78		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.94		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.14		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	61.67	*	25-130		154	SPK: -40
93951-97-4	Acenaphthylene-d8	53.76	*	10-130		134	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	43.19		25-125		108	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:	C0RR4DL	SDG No.:	BN050624
Lab Sample ID:	P2279-11DL	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
BN031402.D	10	4/29/2024 12:00:00 AM	5/6/2024 12:00:00 AM	PB160580

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	44.23		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	33.97		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.12		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118420	7.599				
1146-65-2	Naphthalene-d8	842476	10.375				
15067-26-2	Acenaphthene-d10	324523	14.245				
1517-22-2	Phenanthrene-d10	1211613	16.998				
1719-03-5	Chrysene-d12	1017676	21.233				
1520-96-3	Perylene-d12	985652	24.115				
TENTATIVE IDENTIFIED COMPOUNDS							
000121-73-3	Benzene, 1-chloro-3-nitro-	69	JD			10.981	
E966796	Total Alkanes	20	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SBLK715	SDG No.:	BN050624
Lab Sample ID:	PB160715BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031404.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	12	U	12	6.6	67	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SBLK715	SDG No.:	BN050624
Lab Sample ID:	PB160715BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031404.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	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SBLK715	SDG No.:	BN050624
Lab Sample ID:	PB160715BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031404.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	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.341		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	28.251		20-120		71	SPK: -40
4165-62-2	Phenol-d5	26.409		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.148		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.719		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.859		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.814		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.908		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.547		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.061		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.526		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.265		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.435		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.952		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SBLK715	SDG No.:	BN050624
Lab Sample ID:	PB160715BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031404.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	22.214		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	29.614		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.072		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.038		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121954	7.599				
1146-65-2	Naphthalene-d8	514955	10.375				
15067-26-2	Acenaphthene-d10	349685	14.245				
1517-22-2	Phenanthrene-d10	729251	16.998				
1719-03-5	Chrysene-d12	621523	21.233				
1520-96-3	Perylene-d12	566813	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	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:	A43K7	SDG No.:	BN050624
Lab Sample ID:	P2368-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031405.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	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.2	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.2	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.2	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	51.1	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.2	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.2	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.2	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.2	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	51.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	51.1	200	ug/Kg
78-59-1	Isophorone	43	U	43	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.1	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.1	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.2	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.2	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.1	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:	A43K7	SDG No.:	BN050624
Lab Sample ID:	P2368-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031405.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	55	U	55	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.1	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.2	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	99.2	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.2	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.1	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.1	200	ug/Kg
86-73-7	Fluorene	70	U	70	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.2	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.2	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.2	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.2	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.1	200	ug/Kg
120-12-7	Anthracene	57	U	57	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51.1	200	ug/Kg
86-74-8	Carbazole	73	U	73	99.2	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.1	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.2	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:	A43K7	SDG No.:	BN050624
Lab Sample ID:	P2368-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031405.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	55	U	55	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.2	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.1	200	ug/Kg
218-01-9	Chrysene	55	U	55	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.2	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.183		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.323		20-120		43	SPK: -40
4165-62-2	Phenol-d5	23.371		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.276		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.098		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.818		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.877		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.195		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.294		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.129		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.962		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.605		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.55		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	29.533		20-140		74	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:	A43K7	SDG No.:	BN050624
Lab Sample ID:	P2368-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031405.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	19.466		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	29.322		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.344		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.886		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100105	7.599				
1146-65-2	Naphthalene-d8	424715	10.375				
15067-26-2	Acenaphthene-d10	285706	14.245				
1517-22-2	Phenanthrene-d10	615654	16.998				
1719-03-5	Chrysene-d12	549215	21.233				
1520-96-3	Perylene-d12	536767	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			17.898	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			20.933	
E966796	Total Alkanes	55	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:	A43K8	SDG No.:	BN050624
Lab Sample ID:	P2368-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031406.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	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.9	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.9	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	52.9	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.9	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.9	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.9	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:	A43K8	SDG No.:	BN050624
Lab Sample ID:	P2368-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031406.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	57	U	57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.9	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.9	210	ug/Kg
120-12-7	Anthracene	59	U	59	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	52.9	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.9	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	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:	A43K8	SDG No.:	BN050624
Lab Sample ID:	P2368-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031406.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	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	52.9	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	U	71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.284		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	12.268		20-120		31	SPK: -40
4165-62-2	Phenol-d5	23.387		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.034		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.884		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.485		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	27.032		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.553		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.181		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.157		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.682		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.951		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.375		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	31.535		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:	A43K8	SDG No.:	BN050624
Lab Sample ID:	P2368-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031406.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	14.505		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	31.696		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.407		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.065		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98986	7.593				
1146-65-2	Naphthalene-d8	420268	10.375				
15067-26-2	Acenaphthene-d10	282055	14.246				
1517-22-2	Phenanthrene-d10	602164	16.998				
1719-03-5	Chrysene-d12	538252	21.233				
1520-96-3	Perylene-d12	519967	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
1000406-04-8	Pentadecafluorooctanoic acid, octa	240	J			20.933	
E966796	Total Alkanes	57	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:	A43X6	SDG No.:	BN050624
Lab Sample ID:	P2368-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BN031407.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	16	U	16	8.7	87	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.7	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	77	U	77	110	430	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	49	U	49	55.7	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.7	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.7	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.7	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	55.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	55.7	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.7	220	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	55.7	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.7	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	55.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	55.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.7	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:	A43X6	SDG No.:	BN050624
Lab Sample ID:	P2368-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BN031407.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	60	U	60	55.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	55.7	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.7	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.7	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.7	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	66	U	66	55.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.7	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	55.7	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.7	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.7	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	55.7	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	150	J	50	110	430	ug/Kg
85-01-8	Phenanthrene	70	U	70	55.7	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.7	220	ug/Kg
120-12-7	Anthracene	62	U	62	55.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.7	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	55.7	220	ug/Kg
206-44-0	Fluoranthene	59	U	59	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:	A43X6	SDG No.:	BN050624
Lab Sample ID:	P2368-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BN031407.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	55.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.7	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	U	63	55.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	U	76	55.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	55.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.7	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	18.792		20-120		47	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.739		15-120		47	SPK: -8
4165-62-2	Phenol-d5	19.132		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.812		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.041		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.611		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.396		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.919		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.389		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.823		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.757		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.437		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.723		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	20.894		20-140		52	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:	A43X6	SDG No.:	BN050624
Lab Sample ID:	P2368-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24
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
BN031407.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	16.41		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	20.703		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	19.645		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.594		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108085	7.599				
1146-65-2	Naphthalene-d8	461344	10.375				
15067-26-2	Acenaphthene-d10	314496	14.245				
1517-22-2	Phenanthrene-d10	683162	16.998				
1719-03-5	Chrysene-d12	658467	21.233				
1520-96-3	Perylene-d12	653157	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	340	J			10.163	
000057-10-3	n-Hexadecanoic acid	240	J			17.904	
	(DEL) Alkane: Straight-Chain	20.939	J			20.939	
E966796	Total Alkanes	150				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:	A43L3	SDG No.:	BN050624
Lab Sample ID:	P2368-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031408.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	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.9	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.9	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	52.9	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.9	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.9	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.9	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:	A43L3	SDG No.:	BN050624
Lab Sample ID:	P2368-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031408.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	57	U	57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.9	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.9	210	ug/Kg
120-12-7	Anthracene	59	U	59	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	52.9	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.9	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	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:	A43L3	SDG No.:	BN050624
Lab Sample ID:	P2368-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031408.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	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	52.9	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	U	71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.002		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	19.742		20-120		49	SPK: -40
4165-62-2	Phenol-d5	20.878		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.933		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.946		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.824		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.105		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.385		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.279		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.685		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.11		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.844		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.656		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.784		20-140		59	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:	A43L3	SDG No.:	BN050624
Lab Sample ID:	P2368-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BN031408.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	14.51		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.295		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	22.474		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.71		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125676	7.599				
1146-65-2	Naphthalene-d8	530213	10.375				
15067-26-2	Acenaphthene-d10	357063	14.245				
1517-22-2	Phenanthrene-d10	769277	16.998				
1719-03-5	Chrysene-d12	738036	21.233				
1520-96-3	Perylene-d12	733911	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	270	J			10.157	
000057-10-3	n-Hexadecanoic acid	180	J			17.904	
000206-44-0	Fluoran thene	97	J			19.063	
	(DEL) Alkane: Cyclic20.933	170	J			20.933	
E966796	Total Alkanes	170				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:	A43L8	SDG No.:	BN050624
Lab Sample ID:	P2368-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031409.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	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	95.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.4	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.9	380	ug/Kg
98-86-2	Acetophenone	69	U	69	95.9	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.4	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.4	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.4	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.4	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:	A43L8	SDG No.:	BN050624
Lab Sample ID:	P2368-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031409.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	53	U	53	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.4	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.9	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.9	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.4	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.4	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.9	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.4	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.4	200	ug/Kg
86-74-8	Carbazole	71	U	71	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.4	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	95.9	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:	A43L8	SDG No.:	BN050624
Lab Sample ID:	P2368-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031409.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	53	U	53	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.4	200	ug/Kg
218-01-9	Chrysene	53	U	53	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.325		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	22.525		20-120		56	SPK: -40
4165-62-2	Phenol-d5	31.108		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.518		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.85		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	21.414		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.72		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.372		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.178		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.052		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.101		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.408		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.448		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.613		20-140		67	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:	A43L8	SDG No.:	BN050624
Lab Sample ID:	P2368-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031409.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	23.875		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	32.674		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	46.87		10-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.207		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161630	7.599				
1146-65-2	Naphthalene-d8	830912	10.375				
15067-26-2	Acenaphthene-d10	574493	14.245				
1517-22-2	Phenanthrene-d10	789592	16.998				
1719-03-5	Chrysene-d12	536093	21.233				
1520-96-3	Perylene-d12	740544	24.115				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	140	J			10.163	
000057-10-3	n-Hexadecanoic acid	250	J			17.904	
000206-44-0	Fluoran thene	520	J			19.063	
000057-11-4	Octadecanoic acid	86	J			19.192	
	(DEL) Alkane: Cyclic20.933	91	J			20.933	
E966796	Total Alkanes	91				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:	A43L9	SDG No.:	BN050624
Lab Sample ID:	P2368-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BN031410.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	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	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)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.8	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.8	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.8	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.8	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.8	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	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:	A43L9	SDG No.:	BN050624
Lab Sample ID:	P2368-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BN031410.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	56	U	56	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.8	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.8	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.8	210	ug/Kg
86-73-7	Fluorene	71	U	71	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.8	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	65	U	65	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.8	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.8	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.8	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	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:	A43L9	SDG No.:	BN050624
Lab Sample ID:	P2368-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BN031410.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	56	U	56	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	51.8	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.663		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	25.427		20-120		64	SPK: -40
4165-62-2	Phenol-d5	23.567		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.659		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.989		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.525		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	24.418		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.23		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.678		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.776		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.147		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.565		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.909		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.884		20-140		85	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:	A43L9	SDG No.:	BN050624
Lab Sample ID:	P2368-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BN031410.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	14.739		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	33.422		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	40.926		10-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.244		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238178	7.599				
1146-65-2	Naphthalene-d8	1017557	10.375				
15067-26-2	Acenaphthene-d10	382856	14.246				
1517-22-2	Phenanthrene-d10	1300295	16.998				
1719-03-5	Chrysene-d12	847290	21.233				
1520-96-3	Perylene-d12	881600	24.116				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	200	J			10.163	
000057-10-3	n-Hexadecanoic acid	150	J			17.904	
1000282-98-2	Dichloroacetic acid, heptadecyl es	180	J			20.933	
E966796	Total Alkanes	56	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:	A43M0	SDG No.:	BN050624
Lab Sample ID:	P2368-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031411.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	15	U	15	8.2	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.5	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.5	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:	A43M0	SDG No.:	BN050624
Lab Sample ID:	P2368-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031411.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	57	U	57	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.5	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.5	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.5	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	65	U	65	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.5	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.5	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.5	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	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:	A43M0	SDG No.:	BN050624
Lab Sample ID:	P2368-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031411.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	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.5	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.5	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	28.003		20-120		70	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.111		15-120		64	SPK: -8
4165-62-2	Phenol-d5	28.845		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.963		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.083		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	21.869		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	20.383		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.841		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.902		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.943		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.886		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.422		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.054		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.603		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:	A43M0	SDG No.:	BN050624
Lab Sample ID:	P2368-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031411.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	16.55		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	27.26		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	26.905		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.072		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176645	7.593				
1146-65-2	Naphthalene-d8	884772	10.375				
15067-26-2	Acenaphthene-d10	578604	14.246				
1517-22-2	Phenanthrene-d10	1201838	16.998				
1719-03-5	Chrysene-d12	607751	21.233				
1520-96-3	Perylene-d12	559434	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	170	J			10.163	
959261-23-5	Heptafluorobutyric acid, pentadecy	100	J			20.933	
E966796	Total Alkanes	57	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:	A43M1	SDG No.:	BN050624
Lab Sample ID:	P2368-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031412.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	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	98.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.5	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	98.1	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.1	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.5	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.5	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.5	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.5	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.5	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:	A43M1	SDG No.:	BN050624
Lab Sample ID:	P2368-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031412.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	55	U	55	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.5	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.1	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.5	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.5	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.1	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.5	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.5	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.5	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	98.1	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:	A43M1	SDG No.:	BN050624
Lab Sample ID:	P2368-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031412.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	55	U	55	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.5	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.657		15-120		96	SPK: -8
7291-22-7	Pyridine-d5	43.867		20-120		110	SPK: -40
4165-62-2	Phenol-d5	41.533		10-130		104	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.751		10-150		109	SPK: -40
93951-73-6	2-Chlorophenol-d4	44.567		15-120		111	SPK: -40
190780-66-6	4-Methylphenol-d8	44.03		10-140		110	SPK: -40
4165-60-0	Nitrobenzene-d5	44.378		10-135		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.69		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.531		10-140		106	SPK: -40
191656-33-4	4-Chloroaniline-d4	46.963		1-145		117	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.807		10-145		110	SPK: -40
93951-97-4	Acenaphthylene-d8	43.551		15-120		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	43.938		10-150		110	SPK: -40
81103-79-9	Fluorene-d10	44.052		20-140		110	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:	A43M1	SDG No.:	BN050624
Lab Sample ID:	P2368-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031412.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	31.912		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	44.751		10-150		112	SPK: -40
1718-52-1	Pyrene-d10	71.791	*	10-130		179	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.397		10-140		118	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197948	7.599				
1146-65-2	Naphthalene-d8	853406	10.375				
15067-26-2	Acenaphthene-d10	562027	14.245				
1517-22-2	Phenanthrene-d10	1169265	16.998				
1719-03-5	Chrysene-d12	626702	21.233				
1520-96-3	Perylene-d12	601183	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	260	J			10.163	
000057-10-3	n-Hexadecanoic acid	250	J			17.904	
000057-11-4	Octadecanoic acid	140	J			19.192	
	(DEL) Alkane: Straight-Chain	20.933	J			20.933	
E966796	Total Alkanes	260				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:	A43M3	SDG No.:	BN050624
Lab Sample ID:	P2368-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
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
BN031413.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	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.6	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	77	U	77	110	430	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.6	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.6	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.6	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.6	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	55.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	55.6	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.6	220	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	55.6	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.6	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.6	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:	A43M3	SDG No.:	BN050624
Lab Sample ID:	P2368-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
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
BN031413.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	60	U	60	55.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	55.6	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.6	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.6	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.6	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.6	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	55.6	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.6	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.6	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.6	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	430	ug/Kg
85-01-8	Phenanthrene	69	U	69	55.6	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.6	220	ug/Kg
120-12-7	Anthracene	62	U	62	55.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.6	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	55.6	220	ug/Kg
206-44-0	Fluoranthene	59	U	59	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:	A43M3	SDG No.:	BN050624
Lab Sample ID:	P2368-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
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
BN031413.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	55.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.6	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	U	63	55.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	U	76	55.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	55.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.264		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.264		20-120		41	SPK: -40
4165-62-2	Phenol-d5	16.263		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.687		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.231		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.929		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	13		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.879		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.087		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.765		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.364		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.801		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.051		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.364		20-140		48	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:	A43M3	SDG No.:	BN050624
Lab Sample ID:	P2368-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
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
BN031413.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	11.301		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.117		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.085		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.146		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221335	7.599				
1146-65-2	Naphthalene-d8	939932	10.375				
15067-26-2	Acenaphthene-d10	369474	14.245				
1517-22-2	Phenanthrene-d10	778465	16.998				
1719-03-5	Chrysene-d12	794197	21.233				
1520-96-3	Perylene-d12	970555	24.104				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	320	J			10.157	
000057-10-3	n-Hexadecanoic acid	160	J			17.904	
	(DEL) Alkane: Cyclic	88	J			20.945	
E966796	Total Alkanes	88				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:	A43M9	SDG No.:	BN050624
Lab Sample ID:	P2368-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN031414.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	16	U	16	8.7	88	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	440	ug/Kg
110-86-1	Pyridine	16	U	16	220	440	ug/Kg
108-95-2	Phenol	59	U	59	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	440	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	56.1	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	440	ug/Kg
98-86-2	Acetophenone	78	U	78	110	440	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	49	U	49	56.1	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	56.1	220	ug/Kg
98-95-3	Nitrobenzene	36	U	36	56.1	220	ug/Kg
78-59-1	Isophorone	48	U	48	56.1	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	56.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	56.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	56.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	56.1	220	ug/Kg
91-20-3	Naphthalene	44	U	44	56.1	220	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	56.1	440	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	56.1	220	ug/Kg
105-60-2	Caprolactam	53	U	53	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	56.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	56.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	56.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	56.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	56.1	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:	A43M9	SDG No.:	BN050624
Lab Sample ID:	P2368-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN031414.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	61	U	61	56.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	56.1	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	56.1	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	56.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	56.1	220	ug/Kg
208-96-8	Acenaphthylene	61	U	61	56.1	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	440	ug/Kg
83-32-9	Acenaphthene	66	U	66	56.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	440	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	440	ug/Kg
132-64-9	Dibenzofuran	53	U	53	56.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	56.1	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	56.1	220	ug/Kg
86-73-7	Fluorene	77	U	77	56.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	56.1	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	56.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	56.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	56.1	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	56.1	220	ug/Kg
1912-24-9	Atrazine	15	U	15	110	440	ug/Kg
87-86-5	Pentachlorophenol	140	J	50	110	440	ug/Kg
85-01-8	Phenanthrene	70	U	70	56.1	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	56.1	220	ug/Kg
120-12-7	Anthracene	62	U	62	56.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.4	U	7.4	56.1	220	ug/Kg
86-74-8	Carbazole	81	U	81	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	56.1	220	ug/Kg
206-44-0	Fluoranthene	59	U	59	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:	A43M9	SDG No.:	BN050624
Lab Sample ID:	P2368-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN031414.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	56.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	56.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	56.1	220	ug/Kg
218-01-9	Chrysene	61	U	61	56.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	56.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	U	63	56.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	77	56.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	56.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	56.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	U	69	56.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	56.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	56.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.496		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	18.837		20-120		47	SPK: -40
4165-62-2	Phenol-d5	19.537		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.648		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.921		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.789		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.867		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.687		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.25		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.544		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.198		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.957		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.547		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.953		20-140		52	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:	A43M9	SDG No.:	BN050624
Lab Sample ID:	P2368-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN031414.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	9.479		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	21.472		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	24.612		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.946		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207314	7.593				
1146-65-2	Naphthalene-d8	853067	10.375				
15067-26-2	Acenaphthene-d10	484890	14.245				
1517-22-2	Phenanthrene-d10	1102251	16.998				
1719-03-5	Chrysene-d12	768864	21.233				
1520-96-3	Perylene-d12	730443	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	410	J			10.157	
000057-10-3	n-Hexadecanoic acid	110	J			17.898	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SLCS715	SDG No.:	BN050624
Lab Sample ID:	PB160715BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031415.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	360		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1200		48	82.5	330	ug/Kg
110-86-1	Pyridine	900		12	170	330	ug/Kg
108-95-2	Phenol	980		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	930		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	940		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		29	82.5	330	ug/Kg
98-86-2	Acetophenone	890		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	970		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	920		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	900		27	42.5	170	ug/Kg
78-59-1	Isophorone	920		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	930		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	850		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	970		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	950		34	42.5	170	ug/Kg
91-20-3	Naphthalene	890		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	920		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	810		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	940		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	920		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SLCS715	SDG No.:	BN050624
Lab Sample ID:	PB160715BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031415.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	970		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	950		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	950		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	940		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	920		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	840		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	810		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	970		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	970		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	930		41	42.5	170	ug/Kg
86-73-7	Fluorene	910		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	880		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1800		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1600		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1300		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1700		36	42.5	170	ug/Kg
120-12-7	Anthracene	970		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1000		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SLCS715	SDG No.:	BN050624
Lab Sample ID:	PB160715BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031415.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	1100		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	920		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	980		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.111		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	28.092		20-120		70	SPK: -40
4165-62-2	Phenol-d5	28.814		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.612		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.848		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.508		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.308		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.839		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.573		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.234		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.323		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.159		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.093		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	29.272		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SLCS715	SDG No.:	BN050624
Lab Sample ID:	PB160715BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031415.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	46.595		10-130		116	SPK: -40
1719-06-8	Anthracene-d10	30.901		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	33.26		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.344		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250075	7.593				
1146-65-2	Naphthalene-d8	1059106	10.375				
15067-26-2	Acenaphthene-d10	657471	14.246				
1517-22-2	Phenanthrene-d10	732975	16.998				
1719-03-5	Chrysene-d12	536595	21.233				
1520-96-3	Perylene-d12	550805	24.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN050624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0RR0								
P2279-07	C0RR0	Water	(DEL) Alkane: Straight-Chain15.5 *	2.700	J			
P2279-07	C0RR0	Water	(DEL) Alkane: Straight-Chain18.8 *	5.300	J			
P2279-07	C0RR0	Water	1,4-Benzenedicarboxylic acid, bis *	6.000	J			
P2279-07	C0RR0	Water	Supraene *	4.000	J			
P2279-07	C0RR0	Water	Total Alkanes *	8.000		1.9	5.1	ug/L
			Total Tics :			26.00		
P2279-07	C0RR0	Water	Bis(2-ethylhexyl)phthalate	2.000	J	1.5	5.1	ug/L
			Total Svoc :			2.00		
			Total Concentration:			28.00		
Client ID : C0RR1								
P2279-08	C0RR1	Water	1-Phenoxypropan-2-ol *	2.300	J			
P2279-08	C0RR1	Water	2,6,10,14,18-Pentamethyl-2,6,10,1 *	4.600	J			
P2279-08	C0RR1	Water	n-Hexadecanoic acid *	56.000	J			
P2279-08	C0RR1	Water	n-Tetracosanol-1 *	7.300	J			
P2279-08	C0RR1	Water	Octadecanoic acid *	94.000	J			
P2279-08	C0RR1	Water	Total Alkanes *	0.000		1.9	5.1	ug/L
			Total Tics :			164.20		
			Total Concentration:			164.20		
Client ID : C0RR2								
P2279-09	C0RR2	Water	n-Hexadecanoic acid *	13.000	J			
P2279-09	C0RR2	Water	Octadecanoic acid *	23.000	J			
P2279-09	C0RR2	Water	Trifluoroacetoxy hexadecane *	2.700	J			
P2279-09	C0RR2	Water	Total Alkanes *	0.000		1.9	5.1	ug/L
			Total Tics :			38.70		
			Total Concentration:			38.70		
Client ID : C0RR3								
P2279-10	C0RR3	Water	Total Alkanes *	0.000		1.9	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0RR4								
P2279-11	C0RR4	Water	Benzene, 1-chloro-2-nitro- *	21.000	J			
P2279-11	C0RR4	Water	Benzene, 1-chloro-3-nitro- *	72.000	J			
P2279-11	C0RR4	Water	n-Hexadecanoic acid *	16.000	J			
P2279-11	C0RR4	Water	Octadecanoic acid *	26.000	J			
P2279-11	C0RR4	Water	Phenol, 3,4-dichloro- *	2.100	J			
P2279-11	C0RR4	Water	Total Alkanes *	0.000		2	5.2	ug/L

Hit Summary Sheet SW-846

SDG No.: BN050624

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		137.10				
P2279-11	C0RR4	Water	1,2,3,4-Tetrachlorobenzene		7.000		0.78	5.2	ug/L
P2279-11	C0RR4	Water	1,2,4,5-Tetrachlorobenzene		2.700	J	1.9	5.2	ug/L
P2279-11	C0RR4	Water	2,4-Dichlorophenol		1.500	J	1.5	5.2	ug/L
P2279-11	C0RR4	Water	2-Chlorophenol		3.800	J	1.1	5.2	ug/L
P2279-11	C0RR4	Water	Nitrobenzene		390.000	E	1.4	5.2	ug/L
P2279-11	C0RR4	Water	Phenol		3.900	J	1.8	10	ug/L
			Total Svoc :		408.90				
			Total Concentration:		546.00				
Client ID :	C0RR4DL								
P2279-11DL	C0RR4DL	Water	Benzene, 1-chloro-3-nitro-	*	69.000	JD			
P2279-11DL	C0RR4DL	Water	Total Alkanes	*	0.000	D	20	52	ug/L
			Total Tics :		69.00				
P2279-11DL	C0RR4DL	Water	Nitrobenzene		290.000	D	14	52	ug/L
			Total Svoc :		290.00				
			Total Concentration:		359.00				
Client ID :	C0RR5								
P2279-12	C0RR5	Water	3,6-Dichloro-benzene-1,2-diol	*	27.000	J			
P2279-12	C0RR5	Water	Benzene, 1-chloro-2-nitro-	*	3.000	J			
P2279-12	C0RR5	Water	Benzene, 1-chloro-3-nitro-	*	8.200	J			
P2279-12	C0RR5	Water	Isobutyl tetracosyl ether	*	2.800	J			
P2279-12	C0RR5	Water	n-Hexadecanoic acid	*	8.000	J			
P2279-12	C0RR5	Water	o-Chloroaniline	*	5.500	J			
P2279-12	C0RR5	Water	Octadecanoic acid	*	13.000	J			
P2279-12	C0RR5	Water	Phenol, 2,3-dichloro-	*	2.200	J			
P2279-12	C0RR5	Water	Phenol, 3,4-dichloro-	*	2.700	J			
P2279-12	C0RR5	Water	Total Alkanes	*	0.000		2	5.2	ug/L
			Total Tics :		72.40				
P2279-12	C0RR5	Water	1,2,3,4-Tetrachlorobenzene		1.300	J	0.77	5.2	ug/L
P2279-12	C0RR5	Water	2-Chlorophenol		2.800	J	1.1	5.2	ug/L
P2279-12	C0RR5	Water	Nitrobenzene		58.000		1.3	5.2	ug/L
P2279-12	C0RR5	Water	Phenol		2.200	J	1.8	10	ug/L
			Total Svoc :		64.30				
			Total Concentration:		136.70				
Client ID :	A43K7								
P2368-02	A43K7	Solid	n-Hexadecanoic acid	*	150.000	J			
P2368-02	A43K7	Solid	Pentadecafluorooctanoic acid, octa	*	180.000	J			
P2368-02	A43K7	Solid	Total Alkanes	*	0.000		55	200	ug/Kg
			Total Tics :		330.00				

Hit Summary Sheet SW-846

SDG No.: BN050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				330.00				
Client ID : A43K8								
P2368-03	A43K8	Solid	Pentadecafluorooctanoic acid, octa	*	240.000	J		
P2368-03	A43K8	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				240.00				
Total Concentration:				240.00				
Client ID : A43L3								
P2368-10	A43L3	Solid	(DEL) Alkane: Cyclic20.933	*	170.000	J		
P2368-10	A43L3	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	270.000	J		
P2368-10	A43L3	Solid	Fluoran thene	*	97.000	J		
P2368-10	A43L3	Solid	n-Hexadecanoic acid	*	180.000	J		
P2368-10	A43L3	Solid	Total Alkanes	*	170.000	57	210	ug/Kg
Total Tics :				887.00				
Total Concentration:				887.00				
Client ID : A43L8								
P2368-15	A43L8	Solid	(DEL) Alkane: Cyclic20.933	*	91.000	J		
P2368-15	A43L8	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	140.000	J		
P2368-15	A43L8	Solid	Fluoran thene	*	520.000	J		
P2368-15	A43L8	Solid	n-Hexadecanoic acid	*	250.000	J		
P2368-15	A43L8	Solid	Octadecanoic acid	*	86.000	J		
P2368-15	A43L8	Solid	Total Alkanes	*	91.000	53	200	ug/Kg
Total Tics :				1,178.00				
Total Concentration:				1,178.00				
Client ID : A43L9								
P2368-16	A43L9	Solid	Dichloroacetic acid, heptadecyl es	*	180.000	J		
P2368-16	A43L9	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	200.000	J		
P2368-16	A43L9	Solid	n-Hexadecanoic acid	*	150.000	J		
P2368-16	A43L9	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				530.00				
Total Concentration:				530.00				
Client ID : A43M0								
P2368-17	A43M0	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	170.000	J		
P2368-17	A43M0	Solid	Heptafluorobutyric acid, pentadec	*	100.000	J		
P2368-17	A43M0	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				270.00				
Total Concentration:				270.00				
Client ID : A43M1								
P2368-18	A43M1	Solid	(DEL) Alkane: Straight-Chain20.9	*	260.000	J		

Hit Summary Sheet SW-846

SDG No.: BN050624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2368-18	A43M1	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	260.000	J		
P2368-18	A43M1	Solid	n-Hexadecanoic acid	*	250.000	J		
P2368-18	A43M1	Solid	Octadecanoic acid	*	140.000	J		
P2368-18	A43M1	Solid	Total Alkanes	*	260.000	55	200	ug/Kg
Total Tics :					1,170.00			
Total Concentration:					1,170.00			
Client ID : A43M3								
P2368-20	A43M3	Solid	(DEL) Alkane: Cyclic20.945	*	88.000	J		
P2368-20	A43M3	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	320.000	J		
P2368-20	A43M3	Solid	n-Hexadecanoic acid	*	160.000	J		
P2368-20	A43M3	Solid	Total Alkanes	*	88.000	60	220	ug/Kg
Total Tics :					656.00			
Total Concentration:					656.00			
Client ID : A43M9								
P2368-21	A43M9	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	410.000	J		
P2368-21	A43M9	Solid	n-Hexadecanoic acid	*	110.000	J		
P2368-21	A43M9	Solid	Total Alkanes	*	0.000	61	220	ug/Kg
Total Tics :					520.00			
P2368-21	A43M9	Solid	Pentachlorophenol		140.000	J 50	440	ug/Kg
Total Svoc :					140.00			
Total Concentration:					660.00			
Client ID : A43X6								
P2368-22	A43X6	Solid	(DEL) Alkane: Straight-Chain20.9	*	150.000	J		
P2368-22	A43X6	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	340.000	J		
P2368-22	A43X6	Solid	n-Hexadecanoic acid	*	240.000	J		
P2368-22	A43X6	Solid	Total Alkanes	*	150.000	60	220	ug/Kg
Total Tics :					880.00			
P2368-22	A43X6	Solid	Pentachlorophenol		150.000	J 50	430	ug/Kg
Total Svoc :					150.00			
Total Concentration:					1,030.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN050324 SAS No.: BN050324 SDG No.: BN050324

Instrument ID: _____ Calibration Date(s): 5/3/2024 1: _____

Calibration Time(s): 10:24 _____

LAB FILE ID:		RRFAL1 = BN031384.D		RRFAL2 = BN031385.D		RRFAL3 = BN031386.D		
		RRFAL4 = BN031387.D		RRFAL5 = BN031388.D		RRFAL6 = BN031389.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.420	0.482	0.458	0.468	0.477		0.461	5.3
Benzaldehyde		0.843	0.797	0.840	0.675	0.459	0.723	22.5
Pyridine		1.166	1.190	1.234	1.248	1.203	1.208	2.7
Hexachloroethane	0.559	0.590	0.586	0.601	0.597		0.587	2.8
Nitrobenzene	0.329	0.360	0.365	0.370	0.361		0.357	4.6
Isophorone	0.641	0.684	0.696	0.700	0.673		0.679	3.5
2-Nitrophenol	0.157	0.179	0.182	0.190	0.188		0.179	7.3
2,4-Dimethylphenol	0.327	0.345	0.363	0.361	0.352		0.349	4.2
Bis(2-Chloroethoxy)methane	0.380	0.405	0.405	0.400	0.390		0.396	2.7
2,4-Dichlorophenol	0.277	0.294	0.303	0.311	0.295		0.296	4.3
Naphthalene	1.037	1.061	1.032	1.026	0.999		1.031	2.1
4-Chloroaniline		0.417	0.424	0.424	0.402	0.347	0.403	8.0
Hexachlorobutadiene	0.206	0.203	0.206	0.212	0.210		0.207	1.7
Phenol		1.502	1.548	1.596	1.600	1.468	1.543	3.8
Caprolactam		0.098	0.102	0.103	0.095	0.082	0.096	8.8
4-Chloro-3-methylphenol	0.311	0.348	0.357	0.356	0.350		0.344	5.5
1-Methylnaphthalene	0.692	0.727	0.724	0.705	0.674		0.704	3.2
2-Methylnaphthalene	0.691	0.721	0.711	0.711	0.685		0.704	2.2
Hexachlorocyclopentadiene		0.302	0.325	0.393	0.406	0.426	0.371	14.6
2,4,6-Trichlorophenol	0.337	0.361	0.373	0.401	0.388		0.372	6.7
2,4,5-Trichlorophenol	0.368	0.391	0.406	0.426	0.409		0.400	5.4
1,1-Biphenyl	1.424	1.390	1.418	1.471	1.379		1.417	2.5
2-Chloronaphthalene	1.077	1.136	1.125	1.152	1.099		1.118	2.7
2-Nitroaniline	0.271	0.304	0.329	0.353	0.335		0.318	10.0
Bis(2-Chloroethyl)ether		1.228	1.241	1.257	1.260	1.161	1.230	3.3
Dimethylphthalate	1.435	1.474	1.532	1.525	1.398		1.473	3.9
2,6-Dinitrotoluene	0.258	0.287	0.303	0.320	0.302		0.294	7.9
Acenaphthylene	1.784	1.822	1.871	1.883	1.779		1.828	2.6
3-Nitroaniline		0.281	0.303	0.324	0.286	0.256	0.290	8.7
Acenaphthene	1.220	1.230	1.232	1.242	1.162		1.217	2.6
2,4-Dinitrophenol		0.141	0.167	0.192	0.189	0.185	0.175	12.2
4-Nitrophenol		0.256	0.285	0.290	0.259	0.234	0.265	8.7
Dibenzofuran	1.639	1.648	1.662	1.662	1.527		1.627	3.5
2,4-Dinitrotoluene	0.384	0.420	0.453	0.470	0.411		0.428	8.0
Diethylphthalate	1.469	1.535	1.606	1.607	1.446		1.533	4.9
2-Chlorophenol	1.248	1.327	1.330	1.363	1.379		1.329	3.8

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.: BN050324 SAS No.: BN050324 SDG No.: BN050324

Instrument ID: _____ Calibration Date(s): 5/3/2024 1: _____

Calibration Time(s): 10:24 _____

LAB FILE ID:		RRFAL1 = BN031384.D		RRFAL2 = BN031385.D		RRFAL3 = BN031386.D		
		RRFAL4 = BN031387.D		RRFAL5 = BN031388.D		RRFAL6 = BN031389.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.402	1.378	1.406	1.370	1.219		1.355	5.7
4-Chlorophenyl-phenylether	0.699	0.699	0.697	0.669	0.607		0.674	5.8
4-Nitroaniline		0.277	0.286	0.303	0.233	0.187	0.257	18.2
4,6-Dinitro-2-methylphenol		0.117	0.128	0.131	0.133	0.129	0.127	4.9
N-Nitrosodiphenylamine	0.549	0.570	0.565	0.563	0.576		0.565	1.8
1,2,4,5-Tetrachlorobenzene	0.547	0.549	0.564	0.583	0.560		0.561	2.6
4-Bromophenyl-phenylether	0.193	0.196	0.207	0.205	0.207		0.201	3.3
Hexachlorobenzene	0.231	0.242	0.243	0.235	0.244		0.239	2.4
Atrazine		0.208	0.191	0.201	0.184	0.166	0.190	8.5
Pentachlorophenol		0.146	0.150	0.157	0.159	0.153	0.153	3.4
2-Methylphenol		1.143	1.207	1.242	1.240	1.139	1.194	4.2
Phenanthrene	1.034	1.041	1.072	1.021	0.992		1.032	2.8
Pentachlorobenzene	0.264	0.266	0.267	0.266	0.286		0.270	3.4
Anthracene	1.033	1.083	1.071	1.057	1.010		1.051	2.8
1,2,3,4-Tetrachlorobenzene	0.257	0.257	0.262	0.271	0.297		0.269	6.3
Carbazole		0.945	0.970	0.941	0.865	0.825	0.909	6.7
Di-n-butylphthalate	1.186	1.274	1.324	1.285	1.188		1.251	4.9
Fluoranthene	1.304	1.386	1.303	1.487	1.357		1.368	5.5
Pyrene	1.444	1.433	1.362	1.514	1.384		1.427	4.1
Butylbenzylphthalate	0.552	0.621	0.636	0.709	0.648		0.633	8.9
3,3-Dichlorobenzidine		0.356	0.396	0.399	0.364	0.344	0.372	6.7
2,2-oxybis (1-Chloropropane)		1.347	1.376	1.388	1.366	1.268	1.349	3.5
Benzo (a) anthracene	1.274	1.354	1.366	1.383	1.329		1.341	3.2
Chrysene	1.261	1.288	1.262	1.288	1.214		1.263	2.4
Bis (2-ethylhexyl) phthalate	0.788	0.876	0.940	0.984	0.893		0.897	8.2
Di-n-octyl phthalate		1.348	1.531	1.608	1.389	1.257	1.427	9.9
Benzo (b) fluoranthene	1.123	1.208	1.226	1.242	1.188		1.197	3.8
Benzo (k) fluoranthene	1.150	1.193	1.200	1.214	1.142		1.180	2.7
Benzo (a) pyrene	1.028	1.094	1.092	1.131	1.118		1.093	3.6
Indeno (1,2,3-cd) pyrene	1.231	1.290	1.166	1.372	1.454		1.303	8.7
Dibenzo (a,h) anthracene	1.012	1.076	0.997	1.148	1.192		1.085	7.8
Benzo (g,h,i) perylene	1.006	1.038	0.906	1.112	1.186		1.050	10.1
Acetophenone		2.072	2.105	2.062	1.996	1.768	2.001	6.8
2,3,4,6-Tetrachlorophenol	0.325	0.336	0.352	0.366	0.341		0.344	4.5
1,4-Dioxane-d8	0.479	0.477	0.442	0.455	0.458		0.462	3.4
Pyridine-d5		1.087	1.217	1.242	1.244	1.216	1.201	5.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN050324 SAS No.: BN050324 SDG No.: BN050324
Instrument ID: _____ Calibration Date(s): 5/3/2024 1: _____
Calibration Time(s): 10:24 _____

LAB FILE ID:		RRFAL1 = BN031384.D			RRFAL2 = BN031385.D		RRFAL3 = BN031386.D	
		RRFAL4 = BN031387.D			RRFAL5 = BN031388.D		RRFAL6 = BN031389.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.471	1.506	1.564	1.597	1.486	1.525	3.5
Bis-(2-Chloroethyl)ether-d8		0.860	0.868	0.881	0.874	0.822	0.861	2.7
2-Chlorophenol-d4	1.155	1.246	1.272	1.332	1.353		1.272	6.2
4-Methylphenol-d8		1.204	1.278	1.304	1.325	1.211	1.265	4.3
Nitrobenzene-d5	0.138	0.147	0.152	0.158	0.158		0.151	5.6
2-Nitrophenol-d4	0.145	0.158	0.170	0.178	0.182		0.167	9.2
2,4-Dichlorophenol-d3	0.273	0.301	0.302	0.310	0.312		0.299	5.2
4-Chloroaniline-d4		0.435	0.430	0.440	0.417	0.362	0.417	7.6
4-Methylphenol		1.270	1.320	1.347	1.322	1.193	1.290	4.8
Dimethylphthalate-d6	1.439	1.444	1.472	1.487	1.353		1.439	3.6
Acenaphthylene-d8	1.500	1.561	1.612	1.677	1.568		1.584	4.1
4-Nitrophenol-d4		0.241	0.271	0.282	0.252	0.233	0.256	8.0
Fluorene-d10	1.155	1.187	1.217	1.215	1.107		1.176	3.9
4,6-Dinitro-2-methylphenol-		0.110	0.121	0.127	0.129	0.125	0.122	6.3
Anthracene-d10	0.848	0.874	0.906	0.883	0.844		0.871	3.0
Pyrene-d10	1.123	1.114	1.061	1.239	1.142		1.136	5.7
Benzo(a)pyrene-d12	0.883	0.942	0.954	0.995	0.995		0.954	4.9
N-Nitroso-di-n-propylamine	0.932	0.997	1.030	1.012	0.970		0.988	3.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020233 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031386.D Time Analyzed: 11:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	126702	7.599	537272	10.38	355509	14.25
UPPER LIMIT	253404	8.099	1074544	10.875	711018	14.746
LOWER LIMIT	63351	7.099	268636	9.875	177754.5	13.746
EPA SAMPLE NO.						
01 SBLK580	148414	7.60	619670	10.38	420038	14.25
02 C0RR0	99942	7.59	409704	10.38	275090	14.25
03 C0RR1	132697	7.59	563003	10.38	370490	14.25
04 C0RR2	120931	7.60	500535	10.38	333853	14.25
05 C0RR3	114944	7.60	486420	10.38	326500	14.25
06 C0RR4	120093	7.60	504457	10.38	334178	14.25
07 C0RR5	111682	7.60	421571	10.38	240336	14.25
08 SLCS580	125028	7.60	506059	10.38	324461	14.25
09 C0RR4DL	118420	7.60	842476	10.38	324523	14.25
10 SBLK715	121954	7.60	514955	10.38	349685	14.25
11 A43K7	100105	7.60	424715	10.38	285706	14.25
12 A43K8	98986	7.59	420268	10.38	282055	14.25
13 A43X6	108085	7.60	461344	10.38	314496	14.25
14 A43L3	125676	7.60	530213	10.38	357063	14.25
15 A43L8	161630	7.60	830912	10.38	574493	14.25
16 A43L9	238178	7.60	1.01756e	10.38	382856	14.25
17 A43M0	176645	7.59	884772	10.38	578604	14.25
18 A43M1	197948	7.60	853406	10.38	562027	14.25
19 A43M3	221335	7.60	939932	10.38	369474	14.25
20 A43M9	207314	7.59	853067	10.38	484890	14.25
21 SLCS715	250075	7.59	1.05911e	10.38	657471	14.25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020233 Date Analyzed: May 7 2024 12:00AM

Lab File ID: BN031386.D Time Analyzed: 01:14

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	126702	7.599	537272	10.38	355509	14.25
UPPER LIMIT	253404	8.099	1074544	10.875	711018	14.746
LOWER LIMIT	63351	7.099	268636	9.875	177754.5	13.746
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.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020397 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031393.D Time Analyzed: 11:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	144057	7.593	607554	10.38	393062	14.25
UPPER LIMIT	288114	8.093	1215108	10.875	786124	14.745
LOWER LIMIT	72028.5	7.093	303777	9.875	196531	13.745
EPA SAMPLE NO.						
01 SBLK580	148414	7.60	619670	10.38	420038	14.25
02 CORR0	99942	7.59	409704	10.38	275090	14.25
03 CORR1	132697	7.59	563003	10.38	370490	14.25
04 CORR2	120931	7.60	500535	10.38	333853	14.25
05 CORR3	114944	7.60	486420	10.38	326500	14.25
06 CORR4	120093	7.60	504457	10.38	334178	14.25
07 CORR5	111682	7.60	421571	10.38	240336	14.25
08 SLCS580	125028	7.60	506059	10.38	324461	14.25
09 CORR4DL	118420	7.60	842476	10.38	324523	14.25

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.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020398 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031403.D Time Analyzed: 18:00

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	140859	7.599	589282	10.38	378273	14.25
UPPER LIMIT	281718	8.099	1178564	10.875	756546	14.746
LOWER LIMIT	70429.5	7.099	294641	9.875	189136.5	13.746
EPA SAMPLE NO.						
01 SBLK715	121954	7.60	514955	10.38	349685	14.25
02 A43K7	100105	7.60	424715	10.38	285706	14.25
03 A43K8	98986	7.59	420268	10.38	282055	14.25
04 A43X6	108085	7.60	461344	10.38	314496	14.25
05 A43L3	125676	7.60	530213	10.38	357063	14.25
06 A43L8	161630	7.60	830912	10.38	574493	14.25
07 A43L9	238178	7.60	1.01756e	10.38	382856	14.25
08 A43M0	176645	7.59	884772	10.38	578604	14.25
09 A43M1	197948	7.60	853406	10.38	562027	14.25
10 A43M3	221335	7.60	939932	10.38	369474	14.25
11 A43M9	207314	7.59	853067	10.38	484890	14.25
12 SLCS715	250075	7.59	1.05911e	10.38	657471	14.25

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.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020233 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031386.D Time Analyzed: 11:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	755671	16.998	733802	21.239	774389	24.116
	UPPER LIMIT	1511342	17.498	1467604	21.739	1548778	24.616
	LOWER LIMIT	377835.5	16.498	366901	20.739	387194.5	23.616
	EPA SAMPLE NO.						
01	SBLK580	867816	17.00	767817	21.23	744305	24.11
02	C0RR0	578462	17.00	542515	21.23	522136	24.11
03	C0RR1	769651	17.00	636427	21.23	605031	24.12
04	C0RR2	682309	17.00	537104	21.23	509454	24.11
05	C0RR3	698970	17.00	626924	21.23	592923	24.11
06	C0RR4	716304	17.00	686998	21.23	692896	24.12
07	C0RR5	467186	17.00	435371	21.24	523053	24.11
08	SLCS580	625399	17.00	489762	21.24	552760	24.12
09	C0RR4DL	1.21161	17.00	1.01768e+	21.23	985652	24.12
10	SBLK715	729251	17.00	621523	21.23	566813	24.11
11	A43K7	615654	17.00	549215	21.23	536767	24.11
12	A43K8	602164	17.00	538252	21.23	519967	24.11
13	A43X6	683162	17.00	658467	21.23	653157	24.11
14	A43L3	769277	17.00	738036	21.23	733911	24.11
15	A43L8	789592	17.00	536093	21.23	740544	24.12
16	A43L9	1.3003e	17.00	847290	21.23	881600	24.12
17	A43M0	1.20184	17.00	607751	21.23	559434	24.11
18	A43M1	1.16927	17.00	626702	21.23	601183	24.11
19	A43M3	778465	17.00	794197	21.23	970555	24.10
20	A43M9	1.10225	17.00	768864	21.23	730443	24.11
21	SLCS715	732975	17.00	536595	21.23	550805	24.11

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020233 Date Analyzed: May 7 2024 12:00AM

Lab File ID: BN031386.D Time Analyzed: 01:14

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	755671	16.998	733802	21.239	774389	24.116
UPPER LIMIT	1511342	17.498	1467604	21.739	1548778	24.616
LOWER LIMIT	377835.5	16.498	366901	20.739	387194.5	23.616
EPA SAMPLE NO.						

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.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020397 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031393.D Time Analyzed: 11:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	792445	16.998	645582	21.239	660259	24.11
UPPER LIMIT	1584890	17.498	1291164	21.739	1320518	24.61
LOWER LIMIT	396222.5	16.498	322791	20.739	330129.5	23.61
EPA SAMPLE NO.						
01 SBLK580	867816	17.00	767817	21.23	744305	24.11
02 CORR0	578462	17.00	542515	21.23	522136	24.11
03 CORR1	769651	17.00	636427	21.23	605031	24.12
04 CORR2	682309	17.00	537104	21.23	509454	24.11
05 CORR3	698970	17.00	626924	21.23	592923	24.11
06 CORR4	716304	17.00	686998	21.23	692896	24.12
07 CORR5	467186	17.00	435371	21.24	523053	24.11
08 SLCS580	625399	17.00	489762	21.24	552760	24.12
09 CORR4DL	1.21161	17.00	1.01768e+	21.23	985652	24.12

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.: BN050624 SAS No.: BN050624 SDG NO.: BN050624

EPA Sample No.: SSTD020398 Date Analyzed: May 6 2024 12:00AM

Lab File ID: BN031403.D Time Analyzed: 18:00

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	770452	16.998	630629	21.239	615094	24.116
	UPPER LIMIT	1540904	17.498	1261258	21.739	1230188	24.616
	LOWER LIMIT	385226	16.498	315314.5	20.739	307547	23.616
	EPA SAMPLE NO.						
01	SBLK715	729251	17.00	621523	21.23	566813	24.11
02	A43K7	615654	17.00	549215	21.23	536767	24.11
03	A43K8	602164	17.00	538252	21.23	519967	24.11
04	A43X6	683162	17.00	658467	21.23	653157	24.11
05	A43L3	769277	17.00	738036	21.23	733911	24.11
06	A43L8	789592	17.00	536093	21.23	740544	24.12
07	A43L9	1.3003e	17.00	847290	21.23	881600	24.12
08	A43M0	1.20184	17.00	607751	21.23	559434	24.11
09	A43M1	1.16927	17.00	626702	21.23	601183	24.11
10	A43M3	778465	17.00	794197	21.23	970555	24.10
11	A43M9	1.10225	17.00	768864	21.23	730443	24.11
12	SLCS715	732975	17.00	536595	21.23	550805	24.11

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160580BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	39	ug/L	98				0	0		
	Pyridine	40	32	ug/L	80				0	0		
	Phenol	40	34	ug/L	85				0	0		
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0		
	Acetophenone	40	33	ug/L	83				0	0		
	4-Methylphenol	40	34	ug/L	85				0	0		
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0		
	Hexachloroethane	40	32	ug/L	80				0	0		
	Nitrobenzene	40	34	ug/L	85				0	0		
	Isophorone	40	34	ug/L	85				0	0		
	2-Nitrophenol	40	35	ug/L	88				0	0		
	2,4-Dimethylphenol	40	32	ug/L	80				0	0		
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0		
	2,4-Dichlorophenol	40	36	ug/L	90				0	0		
	Naphthalene	40	34	ug/L	85				0	0		
	4-Chloroaniline	40	31	ug/L	78				0	0		
	Hexachlorobutadiene	40	33	ug/L	83				0	0		
	Caprolactam	40	35	ug/L	88				0	0		
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0		
	1-Methylnaphthalene	40	35	ug/L	88				0	0		
	2-Methylnaphthalene	40	34	ug/L	85				0	0		
	Hexachlorocyclopentadiene	40	30	ug/L	75				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	35	ug/L	88				0	0		
	2-Chloronaphthalene	40	34	ug/L	85				0	0		
	2-Nitroaniline	40	36	ug/L	90				0	0		
	Dimethylphthalate	40	34	ug/L	85				0	0		
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0		
	Acenaphthylene	40	33	ug/L	83				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	33	ug/L	83				0	0		
	2,4-Dinitrophenol	40	32	ug/L	80				0	0		
	4-Nitrophenol	40	34	ug/L	85				0	0		
	Dibenzofuran	40	34	ug/L	85				0	0		
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0		
	Diethylphthalate	40	33	ug/L	83				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160580BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0		
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0		
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	33	ug/L	83				0	0		
	Pentachlorophenol	40	33	ug/L	83				0	0		
	Phenanthrene	40	35	ug/L	88				0	0		
	Pentachlorobenzene	40	37	ug/L	93				0	0		
	Anthracene	40	34	ug/L	85				0	0		
	1,2,3,4-Tetrachlorobenzene	40	37	ug/L	93				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	34	ug/L	85				0	0		
	Fluoranthene	40	36	ug/L	90				0	0		
	Pyrene	40	36	ug/L	90				0	0		
	Butylbenzylphthalate	40	35	ug/L	88				0	0		
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0		
	Benzo(a)anthracene	40	34	ug/L	85				0	0		
	Chrysene	40	34	ug/L	85				0	0		
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				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	35	ug/L	88				0	0		
	Benzo(a)pyrene	40	33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	40	42	ug/L	105				0	0		
	Dibenzo(a,h)anthracene	40	41	ug/L	103				0	0		
	Benzo(g,h,i)perylene	40	40	ug/L	100				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160715BS	1,4-Dioxane	530	360	ug/Kg	68				0	0		
	Benzaldehyde	1300	1200	ug/Kg	92				0	0		
	Pyridine	1300	900	ug/Kg	69				0	0		
	Phenol	1300	980	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	1300	970	ug/Kg	75				0	0		
	2-Chlorophenol	1300	930	ug/Kg	72				0	0		
	2-Methylphenol	1300	940	ug/Kg	72				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1100	ug/Kg	85				0	0		
	Acetophenone	1300	890	ug/Kg	68				0	0		
	4-Methylphenol	1300	970	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	920	ug/Kg	71				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	900	ug/Kg	69				0	0		
	Isophorone	1300	920	ug/Kg	71				0	0		
	2-Nitrophenol	1300	930	ug/Kg	72				0	0		
	2,4-Dimethylphenol	1300	850	ug/Kg	65				0	0		
	Bis(2-chloroethoxy)methane	1300	970	ug/Kg	75				0	0		
	2,4-Dichlorophenol	1300	950	ug/Kg	73				0	0		
	Naphthalene	1300	890	ug/Kg	68				0	0		
	4-Chloroaniline	1300	920	ug/Kg	71				0	0		
	Hexachlorobutadiene	1300	810	ug/Kg	62				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	930	ug/Kg	72				0	0		
	1-Methylnaphthalene	1300	940	ug/Kg	72				0	0		
	2-Methylnaphthalene	1300	920	ug/Kg	71				0	0		
	Hexachlorocyclopentadiene	1300	720	ug/Kg	55				0	0		
	2,4,6-Trichlorophenol	1300	990	ug/Kg	76				0	0		
	2,4,5-Trichlorophenol	1300	990	ug/Kg	76				0	0		
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0		
	2-Chloronaphthalene	1300	950	ug/Kg	73				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	950	ug/Kg	73				0	0		
	2,6-Dinitrotoluene	1300	960	ug/Kg	74				0	0		
	Acenaphthylene	1300	940	ug/Kg	72				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	920	ug/Kg	71				0	0		
	2,4-Dinitrophenol	1300	840	ug/Kg	65				0	0		
	4-Nitrophenol	1300	810	ug/Kg	62				0	0		
	Dibenzofuran	1300	970	ug/Kg	75				0	0		
	2,4-Dinitrotoluene	1300	970	ug/Kg	75				0	0		
	Diethylphthalate	1300	930	ug/Kg	72				0	0		
	Fluorene	1300	910	ug/Kg	70				0	0		
	4-Chlorophenyl-phenylether	1300	880	ug/Kg	68				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160715BS	4,6-Dinitro-2-methylphenol	1300	1600	ug/Kg	123				0	0		
	N-Nitrosodiphenylamine	1300	1800	ug/Kg	138				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0		
	4-Bromophenyl-phenylether	1300	1400	ug/Kg	108				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	1600	ug/Kg	123				0	0		
	Pentachlorophenol	1300	1300	ug/Kg	100				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1700	ug/Kg	131				0	0		
	Anthracene	1300	970	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1700	ug/Kg	131				0	0		
	Carbazole	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	980	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	920	ug/Kg	71				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1600	ug/Kg	123				0	0		
	Dibenzo(a,h)anthracene	1300	1600	ug/Kg	123				0	0		
	Benzo(g,h,i)perylene	1300	1600	ug/Kg	123				0	0		
	2,3,4,6-Tetrachlorophenol	1300	980	ug/Kg	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK580

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN050624

SAS No.: BN050624 SDG NO.: BN050624

Lab File ID: BN031394.D

Lab Sample ID: PB160580BL

Instrument ID: BNA_N

Date Extracted: 04/29/2024

Matrix: (soil/water) Water

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 11:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0RR0	P2279-07	BN031395.D	05/06/2024
C0RR1	P2279-08	BN031396.D	05/06/2024
C0RR2	P2279-09	BN031397.D	05/06/2024
C0RR3	P2279-10	BN031398.D	05/06/2024
C0RR4	P2279-11	BN031399.D	05/06/2024
C0RR5	P2279-12	BN031400.D	05/06/2024
PB160580BS	PB160580BS	BN031401.D	05/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK715

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN050624

SAS No.: BN050624 SDG NO.: BN050624

Lab File ID: BN031404.D

Lab Sample ID: PB160715BL

Instrument ID: BNA_N

Date Extracted: 05/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/06/2024

Level: (low/med) LOW

Time Analyzed: 18:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43K7	P2368-02	BN031405.D	05/06/2024
A43K8	P2368-03	BN031406.D	05/06/2024
A43X6	P2368-22	BN031407.D	05/06/2024
A43L3	P2368-10	BN031408.D	05/06/2024
A43L8	P2368-15	BN031409.D	05/06/2024
A43L9	P2368-16	BN031410.D	05/06/2024
A43M0	P2368-17	BN031411.D	05/06/2024
A43M1	P2368-18	BN031412.D	05/06/2024
A43M3	P2368-20	BN031413.D	05/06/2024
A43M9	P2368-21	BN031414.D	05/07/2024
PB160715BS	PB160715BS	BN031415.D	05/07/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-07	C0RR0	BN031395.D	1,4-Dioxane-d8	8	5.74	72		15	120
			Pyridine-d5	40	13.23	33		20	120
			Phenol-d5	40	6.61	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.80	87		25	120
			2-Chlorophenol-d4	40	24.25	61		20	130
			4-Methylphenol-d8	40	14.37	36		25	125
			Nitrobenzene-d5	40	36.76	92		20	125
			2-Nitrophenol-d4	40	14.62	37		20	130
			2,4-Dichlorophenol-d3	40	25.53	64		20	120
			4-Chloroaniline-d4	40	23.28	58		1	146
			Dimethylphthalate-d6	40	39.81	100		25	130
			Acenaphthylene-d8	40	38.61	97		10	130
			4-Nitrophenol-d4	40	0.66	2	*	10	150
			Fluorene-d10	40	41.71	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	2.03	5	*	10	130
			Anthracene-d10	40	44.80	112		25	130
			Pyrene-d10	40	44.40	111		15	130
			Benzo(a)pyrene-d12	40	48.15	120		20	130
P2279-08	C0RR1	BN031396.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	6.67	17	*	20	120
			Phenol-d5	40	5.56	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.45	64		25	120
			2-Chlorophenol-d4	40	19.81	50		20	130
			4-Methylphenol-d8	40	13.29	33		25	125
			Nitrobenzene-d5	40	25.01	63		20	125
			2-Nitrophenol-d4	40	23.74	59		20	130
			2,4-Dichlorophenol-d3	40	22.97	57		20	120
			4-Chloroaniline-d4	40	15.42	39		1	146
			Dimethylphthalate-d6	40	29.05	73		25	130
			Acenaphthylene-d8	40	27.19	68		10	130
			4-Nitrophenol-d4	40	4.74	12		10	150
			Fluorene-d10	40	28.84	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.23	56		10	130
			Anthracene-d10	40	28.40	71		25	130
			Pyrene-d10	40	31.81	80		15	130
			Benzo(a)pyrene-d12	40	29.62	74		20	130
P2279-09	C0RR2	BN031397.D	1,4-Dioxane-d8	8	5.08	64		15	120
			Pyridine-d5	40	9.58	24		20	120
			Phenol-d5	40	9.43	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.61	94		25	120
			2-Chlorophenol-d4	40	31.30	78		20	130
			4-Methylphenol-d8	40	19.53	49		25	125
			Nitrobenzene-d5	40	39.61	99		20	125
			2-Nitrophenol-d4	40	38.80	97		20	130
			2,4-Dichlorophenol-d3	40	34.74	87		20	120
			4-Chloroaniline-d4	40	24.65	62		1	146
			Dimethylphthalate-d6	40	42.15	105		25	130
			Acenaphthylene-d8	40	40.30	101		10	130
			4-Nitrophenol-d4	40	8.65	22		10	150

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-09	C0RR2	BN031397.D	Fluorene-d10	40	40.97	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.10	93		10	130
			Anthracene-d10	40	44.28	111		25	130
			Pyrene-d10	40	45.70	114		15	130
			Benzo(a)pyrene-d12	40	43.84	110		20	130
P2279-10	C0RR3	BN031398.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	7.05	18	*	20	120
			Phenol-d5	40	6.47	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.64	89		25	120
			2-Chlorophenol-d4	40	26.84	67		20	130
			4-Methylphenol-d8	40	16.58	41		25	125
			Nitrobenzene-d5	40	36.08	90		20	125
			2-Nitrophenol-d4	40	33.81	85		20	130
			2,4-Dichlorophenol-d3	40	31.00	77		20	120
			4-Chloroaniline-d4	40	29.82	75		1	146
			Dimethylphthalate-d6	40	39.93	100		25	130
			Acenaphthylene-d8	40	38.50	96		10	130
			4-Nitrophenol-d4	40	6.05	15		10	150
			Fluorene-d10	40	40.64	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.04	93		10	130
			Anthracene-d10	40	45.78	114		25	130
			Pyrene-d10	40	45.02	113		15	130
			Benzo(a)pyrene-d12	40	45.98	115		20	130
P2279-11	C0RR4	BN031399.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	9.59	24		20	120
			Phenol-d5	40	7.70	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.57	81		25	120
			2-Chlorophenol-d4	40	26.68	67		20	130
			4-Methylphenol-d8	40	17.74	44		25	125
			Nitrobenzene-d5	40	33.26	83		20	125
			2-Nitrophenol-d4	40	33.02	83		20	130
			2,4-Dichlorophenol-d3	40	29.82	75		20	120
			4-Chloroaniline-d4	40	24.42	61		1	146
			Dimethylphthalate-d6	40	39.70	99		25	130
			Acenaphthylene-d8	40	36.73	92		10	130
			4-Nitrophenol-d4	40	8.88	22		10	150
			Fluorene-d10	40	38.52	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.57	86		10	130
			Anthracene-d10	40	41.33	103		25	130
			Pyrene-d10	40	39.47	99		15	130
			Benzo(a)pyrene-d12	40	42.14	105		20	130
P2279-11DL	C0RR4DL	BN031402.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.07	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.75	87		25	120
			2-Chlorophenol-d4	40	26.12	65		20	130
			4-Methylphenol-d8	40	17.91	45		25	125
			Nitrobenzene-d5	40	19.89	50		20	125
			2-Nitrophenol-d4	40	23.78	59		20	130

Surrogate Summary

SW-846

SDG No.: **BN050624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2279-11DL	C0RR4DL	BN031402.D	2,4-Dichlorophenol-d3	40	23.94	60		20	120
			4-Chloroaniline-d4	40	25.14	63		1	146
			Dimethylphthalate-d6	40	61.67	154	*	25	130
			Acenaphthylene-d8	40	53.76	134	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	43.19	108		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	44.23	111		25	130
			Pyrene-d10	40	33.97	85		15	130
			Benzo(a)pyrene-d12	40	42.12	105		20	130
P2279-12	C0RR5	BN031400.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	11.20	28		20	120
			Phenol-d5	40	6.65	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.48	76		25	120
			2-Chlorophenol-d4	40	24.35	61		20	130
			4-Methylphenol-d8	40	14.96	37		25	125
			Nitrobenzene-d5	40	33.23	83		20	125
			2-Nitrophenol-d4	40	30.72	77		20	130
			2,4-Dichlorophenol-d3	40	27.08	68		20	120
			4-Chloroaniline-d4	40	25.10	63		1	146
			Dimethylphthalate-d6	40	35.86	90		25	130
			Acenaphthylene-d8	40	34.86	87		10	130
			4-Nitrophenol-d4	40	6.88	17		10	150
			Fluorene-d10	40	35.52	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.38	76		10	130
			Anthracene-d10	40	39.42	99		25	130
			Pyrene-d10	40	36.90	92		15	130
			Benzo(a)pyrene-d12	40	39.44	99		20	130
PB160580BL	PB160580BL	BN031394.D	Pyridine-d5	40	24.79	62		20	120
			1,4-Dioxane-d8	8	4.72	59		15	120
			Phenol-d5	40	23.35	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.37	61		25	120
			2-Chlorophenol-d4	40	24.60	62		20	130
			4-Methylphenol-d8	40	23.95	60		25	125
			Nitrobenzene-d5	40	24.43	61		20	125
			2-Nitrophenol-d4	40	24.32	61		20	130
			2,4-Dichlorophenol-d3	40	22.53	56		20	120
			4-Chloroaniline-d4	40	25.04	63		1	146
			Dimethylphthalate-d6	40	25.96	65		25	130
			Acenaphthylene-d8	40	25.16	63		10	130
			4-Nitrophenol-d4	40	21.80	55		10	150
			Fluorene-d10	40	24.89	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.12	50		10	130
			Anthracene-d10	40	26.08	65		25	130
			Pyrene-d10	40	25.23	63		15	130
			Benzo(a)pyrene-d12	40	24.48	61		20	130
PB160580BS	PB160580BS	BN031401.D	1,4-Dioxane-d8	8	7.60	95		15	120
			Pyridine-d5	40	32.59	81		20	120
			Phenol-d5	40	33.78	84		10	130



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Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160580BS	PB160580BS	BN031401.D	Bis(2-Chloroethyl)ether-d8	40	33.23	83		25	120
			2-Chlorophenol-d4	40	34.62	87		20	130
			4-Methylphenol-d8	40	33.81	85		25	125
			Nitrobenzene-d5	40	34.60	86		20	125
			2-Nitrophenol-d4	40	35.49	89		20	130
			2,4-Dichlorophenol-d3	40	35.26	88		20	120
			4-Chloroaniline-d4	40	34.30	86		1	146
			Dimethylphthalate-d6	40	34.30	86		25	130
			Acenaphthylene-d8	40	35.35	88		10	130
			4-Nitrophenol-d4	40	33.16	83		10	150
			Fluorene-d10	40	34.12	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.75	84		10	130
			Anthracene-d10	40	34.98	87		25	130
			Pyrene-d10	40	36.06	90		15	130
			Benzo(a)pyrene-d12	40	36.17	90		20	130

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-02	A43K7	BN031405.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	17.32	43		20	120
			Phenol-d5	40	23.37	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.28	61		10	150
			2-Chlorophenol-d4	40	24.10	60		15	120
			4-Methylphenol-d8	40	23.82	60		10	140
			Nitrobenzene-d5	40	24.88	62		10	135
			2-Nitrophenol-d4	40	25.20	63		10	120
			2,4-Dichlorophenol-d3	40	24.29	61		10	140
			4-Chloroaniline-d4	40	27.13	68		1	145
			Dimethylphthalate-d6	40	29.96	75		10	145
			Acenaphthylene-d8	40	28.61	72		15	120
			4-Nitrophenol-d4	40	23.55	59		10	150
			Fluorene-d10	40	29.53	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.47	49		10	130
			Anthracene-d10	40	29.32	73		10	150
			Pyrene-d10	40	29.34	73		10	130
			Benzo(a)pyrene-d12	40	29.89	75		10	140
P2368-03	A43K8	BN031406.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Pyridine-d5	40	12.27	31		20	120
			Phenol-d5	40	23.39	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.03	68		10	150
			2-Chlorophenol-d4	40	24.88	62		15	120
			4-Methylphenol-d8	40	23.49	59		10	140
			Nitrobenzene-d5	40	27.03	68		10	135
			2-Nitrophenol-d4	40	23.55	59		10	120
			2,4-Dichlorophenol-d3	40	23.18	58		10	140
			4-Chloroaniline-d4	40	25.16	63		1	145
			Dimethylphthalate-d6	40	29.68	74		10	145
			Acenaphthylene-d8	40	29.95	75		15	120
			4-Nitrophenol-d4	40	16.38	41		10	150
			Fluorene-d10	40	31.54	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.51	36		10	130
			Anthracene-d10	40	31.70	79		10	150
			Pyrene-d10	40	31.41	79		10	130
			Benzo(a)pyrene-d12	40	31.07	78		10	140
P2368-10	A43L3	BN031408.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	19.74	49		20	120
			Phenol-d5	40	20.88	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.93	55		10	150
			2-Chlorophenol-d4	40	21.95	55		15	120
			4-Methylphenol-d8	40	20.82	52		10	140
			Nitrobenzene-d5	40	22.11	55		10	135
			2-Nitrophenol-d4	40	21.39	53		10	120
			2,4-Dichlorophenol-d3	40	21.28	53		10	140
			4-Chloroaniline-d4	40	22.69	57		1	145
			Dimethylphthalate-d6	40	23.11	58		10	145
			Acenaphthylene-d8	40	22.84	57		15	120
			4-Nitrophenol-d4	40	17.66	44		10	150

Surrogate Summary

SW-846

SDG No.: **BN050624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-10	A43L3	BN031408.D	Fluorene-d10	40	23.78	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.51	36		10	130
			Anthracene-d10	40	23.30	58		10	150
			Pyrene-d10	40	22.47	56		10	130
			Benzo(a)pyrene-d12	40	23.71	59		10	140
P2368-15	A43L8	BN031409.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	22.53	56		20	120
			Phenol-d5	40	31.11	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.52	84		10	150
			2-Chlorophenol-d4	40	30.85	77		15	120
			4-Methylphenol-d8	40	21.41	54		10	140
			Nitrobenzene-d5	40	21.72	54		10	135
			2-Nitrophenol-d4	40	16.37	41		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	29.05	73		1	145
			Dimethylphthalate-d6	40	26.10	65		10	145
			Acenaphthylene-d8	40	26.41	66		15	120
			4-Nitrophenol-d4	40	20.45	51		10	150
			Fluorene-d10	40	26.61	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.88	60		10	130
			Anthracene-d10	40	32.67	82		10	150
			Pyrene-d10	40	46.87	117		10	130
			Benzo(a)pyrene-d12	40	26.21	66		10	140
P2368-16	A43L9	BN031410.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	25.43	64		20	120
			Phenol-d5	40	23.57	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.66	72		10	150
			2-Chlorophenol-d4	40	27.99	70		15	120
			4-Methylphenol-d8	40	27.53	69		10	140
			Nitrobenzene-d5	40	24.42	61		10	135
			2-Nitrophenol-d4	40	24.23	61		10	120
			2,4-Dichlorophenol-d3	40	27.68	69		10	140
			4-Chloroaniline-d4	40	30.78	77		1	145
			Dimethylphthalate-d6	40	33.15	83		10	145
			Acenaphthylene-d8	40	31.57	79		15	120
			4-Nitrophenol-d4	40	28.91	72		10	150
			Fluorene-d10	40	33.88	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.74	37		10	130
			Anthracene-d10	40	33.42	84		10	150
			Pyrene-d10	40	40.93	102		10	130
			Benzo(a)pyrene-d12	40	34.24	86		10	140
P2368-17	A43M0	BN031411.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	28.00	70		20	120
			Phenol-d5	40	28.85	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.96	80		10	150
			2-Chlorophenol-d4	40	29.08	73		15	120
			4-Methylphenol-d8	40	21.87	55		10	140
			Nitrobenzene-d5	40	20.38	51		10	135
			2-Nitrophenol-d4	40	23.84	60		10	120

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-17	A43M0	BN031411.D	2,4-Dichlorophenol-d3	40	23.90	60		10	140
			4-Chloroaniline-d4	40	26.94	67		1	145
			Dimethylphthalate-d6	40	26.89	67		10	145
			Acenaphthylene-d8	40	26.42	66		15	120
			4-Nitrophenol-d4	40	22.05	55		10	150
			Fluorene-d10	40	27.60	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.55	41		10	130
			Anthracene-d10	40	27.26	68		10	150
			Pyrene-d10	40	26.91	67		10	130
			Benzo(a)pyrene-d12	40	27.07	68		10	140
P2368-18	A43M1	BN031412.D	1,4-Dioxane-d8	8	7.66	96		15	120
			Pyridine-d5	40	43.87	110		20	120
			Phenol-d5	40	41.53	104		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.75	109		10	150
			2-Chlorophenol-d4	40	44.57	111		15	120
			4-Methylphenol-d8	40	44.03	110		10	140
			Nitrobenzene-d5	40	44.38	111		10	135
			2-Nitrophenol-d4	40	35.69	89		10	120
			2,4-Dichlorophenol-d3	40	42.53	106		10	140
			4-Chloroaniline-d4	40	46.96	117		1	145
			Dimethylphthalate-d6	40	43.81	110		10	145
			Acenaphthylene-d8	40	43.55	109		15	120
			4-Nitrophenol-d4	40	43.94	110		10	150
			Fluorene-d10	40	44.05	110		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.91	80		10	130
			Anthracene-d10	40	44.75	112		10	150
			Pyrene-d10	40	71.79	179	*	10	130
			Benzo(a)pyrene-d12	40	47.40	118		10	140
P2368-20	A43M3	BN031413.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	16.26	41		20	120
			Phenol-d5	40	16.26	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.69	49		10	150
			2-Chlorophenol-d4	40	18.23	46		15	120
			4-Methylphenol-d8	40	16.93	42		10	140
			Nitrobenzene-d5	40	13.00	32		10	135
			2-Nitrophenol-d4	40	16.88	42		10	120
			2,4-Dichlorophenol-d3	40	17.09	43		10	140
			4-Chloroaniline-d4	40	18.77	47		1	145
			Dimethylphthalate-d6	40	19.36	48		10	145
			Acenaphthylene-d8	40	18.80	47		15	120
			4-Nitrophenol-d4	40	13.05	33		10	150
			Fluorene-d10	40	19.36	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.30	28		10	130
			Anthracene-d10	40	19.12	48		10	150
			Pyrene-d10	40	17.09	43		10	130
			Benzo(a)pyrene-d12	40	19.15	48		10	140
P2368-21	A43M9	BN031414.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	18.84	47		20	120
			Phenol-d5	40	19.54	49		10	130

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2368-21	A43M9	BN031414.D	Bis(2-Chloroethyl)ether-d8	40	21.65	54		10	150
			2-Chlorophenol-d4	40	19.92	50		15	120
			4-Methylphenol-d8	40	18.79	47		10	140
			Nitrobenzene-d5	40	19.87	50		10	135
			2-Nitrophenol-d4	40	18.69	47		10	120
			2,4-Dichlorophenol-d3	40	19.25	48		10	140
			4-Chloroaniline-d4	40	21.54	54		1	145
			Dimethylphthalate-d6	40	20.20	50		10	145
			Acenaphthylene-d8	40	21.96	55		15	120
			4-Nitrophenol-d4	40	13.55	34		10	150
			Fluorene-d10	40	20.95	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.48	24		10	130
			Anthracene-d10	40	21.47	54		10	150
			Pyrene-d10	40	24.61	62		10	130
			Benzo(a)pyrene-d12	40	21.95	55		10	140
P2368-22	A43X6	BN031407.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	18.79	47		20	120
			Phenol-d5	40	19.13	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.81	50		10	150
			2-Chlorophenol-d4	40	20.04	50		15	120
			4-Methylphenol-d8	40	18.61	47		10	140
			Nitrobenzene-d5	40	19.40	48		10	135
			2-Nitrophenol-d4	40	18.92	47		10	120
			2,4-Dichlorophenol-d3	40	19.39	48		10	140
			4-Chloroaniline-d4	40	20.82	52		1	145
			Dimethylphthalate-d6	40	20.76	52		10	145
			Acenaphthylene-d8	40	20.44	51		15	120
			4-Nitrophenol-d4	40	16.72	42		10	150
			Fluorene-d10	40	20.89	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.41	41		10	130
			Anthracene-d10	40	20.70	52		10	150
			Pyrene-d10	40	19.65	49		10	130
PB160715BL	PB160715BL	BN031404.D	Benzo(a)pyrene-d12	40	20.59	51		10	140
			Pyridine-d5	40	28.25	71		20	120
			1,4-Dioxane-d8	8	5.34	67		15	120
			Phenol-d5	40	26.41	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.15	68		10	150
			2-Chlorophenol-d4	40	27.72	69		15	120
			4-Methylphenol-d8	40	27.86	70		10	140
			Nitrobenzene-d5	40	27.81	70		10	135
			2-Nitrophenol-d4	40	27.91	70		10	120
			2,4-Dichlorophenol-d3	40	26.55	66		10	140
			4-Chloroaniline-d4	40	34.06	85		1	145
			Dimethylphthalate-d6	40	29.53	74		10	145
			Acenaphthylene-d8	40	28.27	71		15	120
			4-Nitrophenol-d4	40	26.44	66		10	150
			Fluorene-d10	40	28.95	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.21	56		10	130
			Anthracene-d10	40	29.61	74		10	150



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

Surrogate Summary

SW-846

SDG No.: BN050624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160715BL	PB160715BL	BN031404.D	Pyrene-d10	40	30.07	75		10	130
			Benzo(a)pyrene-d12	40	30.04	75		10	140
PB160715BS	PB160715BS	BN031415.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	28.09	70		20	120
			Phenol-d5	40	28.81	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.61	77		10	150
			2-Chlorophenol-d4	40	28.85	72		15	120
			4-Methylphenol-d8	40	28.51	71		10	140
			Nitrobenzene-d5	40	28.31	71		10	135
			2-Nitrophenol-d4	40	27.84	70		10	120
			2,4-Dichlorophenol-d3	40	28.57	71		10	140
			4-Chloroaniline-d4	40	32.23	81		1	145
			Dimethylphthalate-d6	40	29.32	73		10	145
			Acenaphthylene-d8	40	30.16	75		15	120
			4-Nitrophenol-d4	40	30.09	75		10	150
			Fluorene-d10	40	29.27	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	46.60	116		10	130
			Anthracene-d10	40	30.90	77		10	150
			Pyrene-d10	40	33.26	83		10	130
			Benzo(a)pyrene-d12	40	31.34	78		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN050624

Lab Code: CHEM

SAS No.: BN050624

SDG NO.: BN050624

Lab File ID: BN031392.D

DFTPP Injection Date: 05/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.6
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	88.8
443	15.0 - 24.0% of mass 442	18.1 (20.3) 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
SSTD020397	SSTDCCC020	BN031393.D	05/06/2024	10:33
SBLK580	PB160580BL	BN031394.D	05/06/2024	11:12
C0RR0	P2279-07	BN031395.D	05/06/2024	12:05
C0RR1	P2279-08	BN031396.D	05/06/2024	12:44
C0RR2	P2279-09	BN031397.D	05/06/2024	13:24
C0RR3	P2279-10	BN031398.D	05/06/2024	14:04
C0RR4	P2279-11	BN031399.D	05/06/2024	14:43
C0RR5	P2279-12	BN031400.D	05/06/2024	15:23
SLCS580	PB160580BS	BN031401.D	05/06/2024	16:02
C0RR4DL	P2279-11DL	BN031402.D	05/06/2024	16:41
SSTD020398	SSTDCCC020	BN031403.D	05/06/2024	17:21
SBLK715	PB160715BL	BN031404.D	05/06/2024	18:00
A43K7	P2368-02	BN031405.D	05/06/2024	18:40
A43K8	P2368-03	BN031406.D	05/06/2024	19:19
A43X6	P2368-22	BN031407.D	05/06/2024	19:58
A43L3	P2368-10	BN031408.D	05/06/2024	20:38
A43L8	P2368-15	BN031409.D	05/06/2024	21:17
A43L9	P2368-16	BN031410.D	05/06/2024	21:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN050624

Lab Code: CHEM

SAS No.: BN050624

SDG NO.: BN050624

Lab File ID: BN031392.D

DFTPP Injection Date: 05/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.6
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	88.8
443	15.0 - 24.0% of mass 442	18.1 (20.3) 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
A43M0	P2368-17	BN031411.D	05/06/2024	22:36
A43M1	P2368-18	BN031412.D	05/06/2024	23:16
A43M3	P2368-20	BN031413.D	05/06/2024	23:55
A43M9	P2368-21	BN031414.D	05/07/2024	00:35
SLCS715	PB160715BS	BN031415.D	05/07/2024	01:14
SSTD020399	SSTDCCC020EC	BN031416.D	05/07/2024	01:54