

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:09:20

Lab File ID: BN030788.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020350 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.457	0.487	0.010	6.6431	40.0
Benzaldehyde	0.753	0.945	0.010	25.3859	40.0
Pyridine	1.291	1.360	0.010	5.409	40.0
Phenol	1.685	1.811	0.080	7.4556	20.0
Bis(2-Chloroethyl) ether	1.374	1.495	0.100	8.7814	20.0
2-Chlorophenol	1.317	1.479	0.200	12.3302	20.0
2-Methylphenol	1.299	1.405	0.010	8.1426	20.0
2,2-oxybis(1-Chloropropane)	1.935	2.035	0.010	5.1614	40.0
Acetophenone	2.141	2.383	0.060	11.2992	20.0
4-Methylphenol	1.454	1.590	0.010	9.3712	20.0
N-Nitroso-di-n-propylamine	1.078	1.182	0.050	9.5804	30.0
Hexachloroethane	0.552	0.601	0.100	8.9574	20.0
Nitrobenzene	0.339	0.359	0.050	6.0313	25.0
Isophorone	0.675	0.710	0.050	5.1605	25.0
2-Nitrophenol	0.149	0.174	0.050	16.735	25.0
2,4-Dimethylphenol	0.332	0.370	0.050	11.5834	25.0
Bis(2-Chloroethoxy) methane	0.429	0.453	0.050	5.5055	20.0
2,4-Dichlorophenol	0.284	0.323	0.060	13.911	20.0
Naphthalene	1.026	1.103	0.200	7.5344	20.0
4-Chloroaniline	0.441	0.452	0.010	2.5682	40.0
Hexachlorobutadiene	0.179	0.188	0.040	5.1642	30.0
Caprolactam	0.106	0.107	0.010	1.1375	40.0
4-Chloro-3-methylphenol	0.319	0.367	0.040	14.8483	25.0
1-Methylnaphthalene	0.727	0.796	0.100	9.5171	20.0
2-Methylnaphthalene	0.716	0.791	0.100	10.4126	20.0
Hexachlorocyclopentadiene	0.293	0.287	0.010	-2.168	40.0
2,4,6-Trichlorophenol	0.323	0.383	0.090	18.6231	25.0
2,4,5-Trichlorophenol	0.364	0.412	0.100	13.026	25.0
1,1-Biphenyl	1.363	1.497	0.200	9.8359	20.0
2-Chloronaphthalene	1.073	1.175	0.300	9.5105	20.0
2-Nitroaniline	0.286	0.317	0.050	10.8491	40.0
Dimethylphthalate	1.379	1.502	0.300	8.864	20.0
2,6-Dinitrotoluene	0.256	0.291	0.080	13.8194	30.0
Acenaphthylene	1.774	1.964	0.400	10.6944	20.0
3-Nitroaniline	0.271	0.332	0.010	22.1246	40.0
Acenaphthene	1.182	1.293	0.200	9.4037	20.0
2,4-Dinitrophenol	0.117	0.117	0.010	-0.099	40.0
4-Nitrophenol	0.202	0.212	0.010	4.9047	40.0
Dibenzofuran	1.643	1.827	0.300	11.1923	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:09:20

Lab File ID: BN030788.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020350 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.373	0.449	0.070	20.3632	30.0
Diethylphthalate	1.401	1.561	0.300	11.3822	20.0
Fluorene	1.306	1.509	0.200	15.5645	20.0
4-Chlorophenyl-phenylether	0.641	0.726	0.100	13.3334	20.0
4-Nitroaniline	0.264	0.359	0.010	35.9386	40.0
4,6-Dinitro-2-methylphenol	0.095	0.104	0.010	9.2883	40.0
N-Nitrosodiphenylamine	0.545	0.583	0.050	6.9946	20.0
1,2,4,5-Tetrachlorobenzene	0.516	0.560	0.100	8.553	20.0
4-Bromophenyl-phenylether	0.190	0.199	0.070	4.6001	20.0
Hexachlorobenzene	0.224	0.243	0.050	8.4834	25.0
Atrazine	0.189	0.198	0.010	4.6715	25.0
Pentachlorophenol	0.132	0.146	0.010	10.5067	40.0
Phenanthrene	1.028	1.131	0.200	10.0949	20.0
Pentachlorobenzene	0.250	0.265	0.050	6.1725	20.0
Anthracene	1.039	1.154	0.200	11.0674	20.0
1,2,3,4-Tetrachlorobenzene	0.246	0.261	0.050	6.3208	20.0
Carbazole	0.911	1.051	0.050	15.3312	40.0
Di-n-butylphthalate	1.111	1.253	0.500	12.7064	25.0
Fluoranthene	1.278	1.447	0.400	13.2134	25.0
Pyrene	1.350	1.538	0.400	13.9653	25.0
Butylbenzylphthalate	0.516	0.617	0.100	19.6108	40.0
3,3-Dichlorobenzidine	0.367	0.380	0.010	3.4394	40.0
Benzo (a) anthracene	1.335	1.484	0.300	11.2147	30.0
Chrysene	1.260	1.439	0.200	14.1973	30.0
Bis(2-ethylhexyl)phthalate	0.760	0.944	0.200	24.1442	40.0
Di-n-octyl phthalate	1.267	1.431	0.010	12.9671	40.0
Benzo (b) fluoranthene	1.177	1.320	0.200	12.1114	25.0
Benzo (k) fluoranthene	1.195	1.338	0.200	11.9653	25.0
Benzo (a) pyrene	1.112	1.214	0.200	9.1457	20.0
Indeno (1,2,3-cd) pyrene	1.202	1.274	0.200	5.9681	25.0
Dibenzo (a,h) anthracene	1.012	1.072	0.200	5.9176	30.0
Benzo (g,h,i) perylene	0.944	1.008	0.200	6.857	30.0
2,3,4,6-Tetrachlorophenol	0.303	0.355	0.040	17.2822	20.0
1,4-Dioxane-d8	0.427	0.453	0.010	6.3081	25.0
Pyridine-d5	1.279	1.322	0.010	3.3973	40.0
Phenol-d5	1.618	1.722	0.010	6.4559	25.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.079	0.050	8.0028	25.0
2-Chlorophenol-d4	1.227	1.392	0.200	13.3901	20.0
4-Methylphenol-d8	1.356	1.478	0.010	9.0304	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924
 Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:09:20
 Lab File ID: BN030788.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020350 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.152	0.050	9.2895	20.0
2-Nitrophenol-d4	0.127	0.153	0.050	20.6992	30.0
2,4-Dichlorophenol-d3	0.278	0.319	0.060	14.9227	20.0
4-Chloroaniline-d4	0.457	0.465	0.010	1.7071	40.0
Dimethylphthalate-d6	1.335	1.458	0.300	9.1799	20.0
Acenaphthylene-d8	1.535	1.692	0.400	10.1891	20.0
4-Nitrophenol-d4	0.255	0.267	0.010	4.4457	40.0
Fluorene-d10	1.169	1.312	0.100	12.3022	20.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.093	0.010	5.7525	40.0
Anthracene-d10	0.862	0.934	0.300	8.3438	20.0
Pyrene-d10	1.075	1.213	0.300	12.7895	25.0
Benzo(a)pyrene-d12	0.922	1.013	0.010	9.9358	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.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:17:53

Lab File ID: BN030795.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.457	0.457	0.010	-0.0903	40.0
Benzaldehyde	0.753	0.989	0.010	31.2641	40.0
Pyridine	1.291	1.342	0.010	4.0062	40.0
Phenol	1.685	1.815	0.080	7.7091	20.0
Bis(2-Chloroethyl)ether	1.374	1.489	0.100	8.349	20.0
2-Chlorophenol	1.317	1.447	0.200	9.8671	20.0
2-Methylphenol	1.299	1.410	0.010	8.5331	20.0
2,2-oxybis(1-Chloropropane)	1.935	1.982	0.010	2.4	40.0
Acetophenone	2.141	2.387	0.060	11.5112	20.0
4-Methylphenol	1.454	1.584	0.010	8.967	20.0
N-Nitroso-di-n-propylamine	1.078	1.175	0.050	8.9366	30.0
Hexachloroethane	0.552	0.590	0.100	6.9093	20.0
Nitrobenzene	0.339	0.372	0.050	9.7775	25.0
Isophorone	0.675	0.732	0.050	8.3647	25.0
2-Nitrophenol	0.149	0.181	0.050	21.2126	25.0
2,4-Dimethylphenol	0.332	0.372	0.050	12.2781	25.0
Bis(2-Chloroethoxy)methane	0.429	0.463	0.050	7.789	20.0
2,4-Dichlorophenol	0.284	0.326	0.060	14.9503	20.0
Naphthalene	1.026	1.117	0.200	8.8849	20.0
4-Chloroaniline	0.441	0.472	0.010	6.9975	40.0
Hexachlorobutadiene	0.179	0.186	0.040	4.4007	30.0
Caprolactam	0.106	0.108	0.010	2.2367	40.0
4-Chloro-3-methylphenol	0.319	0.366	0.040	14.691	25.0
1-Methylnaphthalene	0.727	0.786	0.100	8.0537	20.0
2-Methylnaphthalene	0.716	0.792	0.100	10.5951	20.0
Hexachlorocyclopentadiene	0.293	0.309	0.010	5.5214	40.0
2,4,6-Trichlorophenol	0.323	0.380	0.090	17.8516	25.0
2,4,5-Trichlorophenol	0.364	0.422	0.100	15.7804	25.0
1,1-Biphenyl	1.363	1.498	0.200	9.9154	20.0
2-Chloronaphthalene	1.073	1.196	0.300	11.4646	20.0
2-Nitroaniline	0.286	0.324	0.050	13.522	40.0
Dimethylphthalate	1.379	1.517	0.300	9.9814	20.0
2,6-Dinitrotoluene	0.256	0.298	0.080	16.4163	30.0
Acenaphthylene	1.774	1.996	0.400	12.5229	20.0
3-Nitroaniline	0.271	0.334	0.010	23.1891	40.0
Acenaphthene	1.182	1.308	0.200	10.6444	20.0
2,4-Dinitrophenol	0.117	0.123	0.010	5.0523	40.0
4-Nitrophenol	0.202	0.221	0.010	9.2401	40.0
Dibenzofuran	1.643	1.813	0.300	10.3473	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:17:53

Lab File ID: BN030795.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.373	0.441	0.070	18.1682	30.0
Diethylphthalate	1.401	1.561	0.300	11.398	20.0
Fluorene	1.306	1.479	0.200	13.2201	20.0
4-Chlorophenyl-phenylether	0.641	0.717	0.100	11.8967	20.0
4-Nitroaniline	0.264	0.367	0.010	39.1159	40.0
4,6-Dinitro-2-methylphenol	0.095	0.105	0.010	10.8888	40.0
N-Nitrosodiphenylamine	0.545	0.585	0.050	7.3226	20.0
1,2,4,5-Tetrachlorobenzene	0.516	0.570	0.100	10.4793	20.0
4-Bromophenyl-phenylether	0.190	0.213	0.070	11.995	20.0
Hexachlorobenzene	0.224	0.242	0.050	8.2015	25.0
Atrazine	0.189	0.201	0.010	6.6105	25.0
Pentachlorophenol	0.132	0.147	0.010	11.4714	40.0
Phenanthrene	1.028	1.129	0.200	9.8508	20.0
Pentachlorobenzene	0.250	0.269	0.050	7.8556	20.0
Anthracene	1.039	1.166	0.200	12.2249	20.0
1,2,3,4-Tetrachlorobenzene	0.246	0.266	0.050	8.3262	20.0
Carbazole	0.911	1.050	0.050	15.2762	40.0
Di-n-butylphthalate	1.111	1.291	0.500	16.2068	25.0
Fluoranthene	1.278	1.416	0.400	10.7459	25.0
Pyrene	1.350	1.499	0.400	11.0685	25.0
Butylbenzylphthalate	0.516	0.631	0.100	22.4256	40.0
3,3-Dichlorobenzidine	0.367	0.417	0.010	13.5966	40.0
Benzo (a) anthracene	1.335	1.512	0.300	13.2826	30.0
Chrysene	1.260	1.390	0.200	10.3369	30.0
Bis (2-ethylhexyl) phthalate	0.760	0.935	0.200	22.9825	40.0
Di-n-octyl phthalate	1.267	1.446	0.010	14.1996	40.0
Benzo (b) fluoranthene	1.177	1.313	0.200	11.539	25.0
Benzo (k) fluoranthene	1.195	1.325	0.200	10.8205	25.0
Benzo (a) pyrene	1.112	1.221	0.200	9.8159	20.0
Indeno (1,2,3-cd) pyrene	1.202	1.286	0.200	7.0029	25.0
Dibenzo (a,h) anthracene	1.012	1.071	0.200	5.8615	30.0
Benzo (g,h,i) perylene	0.944	1.021	0.200	8.1984	30.0
2,3,4,6-Tetrachlorophenol	0.303	0.366	0.040	21.1115	20.0
1,4-Dioxane-d8	0.427	0.444	0.010	4.1701	25.0
Pyridine-d5	1.279	1.348	0.010	5.3742	40.0
Phenol-d5	1.618	1.753	0.010	8.3469	25.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.052	0.050	5.2902	25.0
2-Chlorophenol-d4	1.227	1.374	0.200	11.9176	20.0
4-Methylphenol-d8	1.356	1.480	0.010	9.1319	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924
 Instrument ID: BNA_N Calibration Date/Time: 4/9/2024 12:17:53
 Lab File ID: BN030795.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.156	0.050	12.573	20.0
2-Nitrophenol-d4	0.127	0.158	0.050	24.3734	30.0
2,4-Dichlorophenol-d3	0.278	0.325	0.060	16.9534	20.0
4-Chloroaniline-d4	0.457	0.493	0.010	7.7002	40.0
Dimethylphthalate-d6	1.335	1.474	0.300	10.403	20.0
Acenaphthylene-d8	1.535	1.718	0.400	11.9074	20.0
4-Nitrophenol-d4	0.255	0.277	0.010	8.2649	40.0
Fluorene-d10	1.169	1.301	0.100	11.3496	20.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.097	0.010	9.8043	40.0
Anthracene-d10	0.862	0.955	0.300	10.8429	20.0
Pyrene-d10	1.075	1.188	0.300	10.4741	25.0
Benzo(a)pyrene-d12	0.922	1.005	0.010	9.049	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.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:03:46

Lab File ID: BN030808.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.457	0.472	0.010	3.2859	50.0
Benzaldehyde	0.753	0.983	0.010	30.4378	50.0
Pyridine	1.291	1.321	0.010	2.3524	50.0
Phenol	1.685	1.773	0.080	5.1958	50.0
Bis(2-Chloroethyl)ether	1.374	1.464	0.100	6.5413	50.0
2-Chlorophenol	1.317	1.434	0.200	8.9357	50.0
2-Methylphenol	1.299	1.383	0.010	6.4769	50.0
2,2-oxybis(1-Chloropropane)	1.935	1.954	0.010	0.9517	50.0
Acetophenone	2.141	2.307	0.060	7.7492	50.0
4-Methylphenol	1.454	1.518	0.010	4.3885	50.0
N-Nitroso-di-n-propylamine	1.078	1.162	0.050	7.7763	50.0
Hexachloroethane	0.552	0.590	0.100	6.8043	50.0
Nitrobenzene	0.339	0.372	0.050	9.6921	50.0
Isophorone	0.675	0.734	0.050	8.6859	50.0
2-Nitrophenol	0.149	0.180	0.050	20.3882	50.0
2,4-Dimethylphenol	0.332	0.361	0.050	8.9188	50.0
Bis(2-Chloroethoxy)methane	0.429	0.460	0.050	7.0634	50.0
2,4-Dichlorophenol	0.284	0.317	0.060	11.6575	50.0
Naphthalene	1.026	1.130	0.200	10.2049	50.0
4-Chloroaniline	0.441	0.476	0.010	7.8728	50.0
Hexachlorobutadiene	0.179	0.191	0.040	7.1142	50.0
Caprolactam	0.106	0.110	0.010	3.6146	50.0
4-Chloro-3-methylphenol	0.319	0.363	0.040	13.6068	50.0
1-Methylnaphthalene	0.727	0.803	0.100	10.3919	50.0
2-Methylnaphthalene	0.716	0.788	0.100	10.058	50.0
Hexachlorocyclopentadiene	0.293	0.282	0.010	-3.917	50.0
2,4,6-Trichlorophenol	0.323	0.372	0.090	15.3553	50.0
2,4,5-Trichlorophenol	0.364	0.416	0.100	14.3231	50.0
1,1-Biphenyl	1.363	1.500	0.200	10.048	50.0
2-Chloronaphthalene	1.073	1.164	0.300	8.455	50.0
2-Nitroaniline	0.286	0.323	0.050	13.159	50.0
Dimethylphthalate	1.379	1.520	0.300	10.1954	50.0
2,6-Dinitrotoluene	0.256	0.290	0.080	13.3247	50.0
Acenaphthylene	1.774	1.981	0.400	11.6738	50.0
3-Nitroaniline	0.271	0.337	0.010	24.2022	50.0
Acenaphthene	1.182	1.309	0.200	10.7439	50.0
2,4-Dinitrophenol	0.117	0.114	0.010	-3.0967	50.0
4-Nitrophenol	0.202	0.215	0.010	6.4445	50.0
Dibenzofuran	1.643	1.799	0.300	9.4765	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:03:46

Lab File ID: BN030808.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.373	0.450	0.070	20.41	50.0
Diethylphthalate	1.401	1.560	0.300	11.3365	50.0
Fluorene	1.306	1.481	0.200	13.4078	50.0
4-Chlorophenyl-phenylether	0.641	0.715	0.100	11.5378	50.0
4-Nitroaniline	0.264	0.372	0.010	41.0056	50.0
4,6-Dinitro-2-methylphenol	0.095	0.106	0.010	11.8208	50.0
N-Nitrosodiphenylamine	0.545	0.587	0.050	7.8357	50.0
1,2,4,5-Tetrachlorobenzene	0.516	0.565	0.100	9.417	50.0
4-Bromophenyl-phenylether	0.190	0.208	0.070	9.4764	50.0
Hexachlorobenzene	0.224	0.240	0.050	7.272	50.0
Atrazine	0.189	0.204	0.010	8.0117	50.0
Pentachlorophenol	0.132	0.144	0.010	9.4809	50.0
Phenanthrene	1.028	1.133	0.200	10.2842	50.0
Pentachlorobenzene	0.250	0.266	0.050	6.7745	50.0
Anthracene	1.039	1.165	0.200	12.1188	50.0
1,2,3,4-Tetrachlorobenzene	0.246	0.266	0.050	8.3885	50.0
Carbazole	0.911	1.081	0.050	18.71	50.0
Di-n-butylphthalate	1.111	1.272	0.500	14.4427	50.0
Fluoranthene	1.278	1.418	0.400	10.8963	50.0
Pyrene	1.350	1.480	0.400	9.6498	50.0
Butylbenzylphthalate	0.516	0.614	0.100	19.0183	50.0
3,3-Dichlorobenzidine	0.367	0.427	0.010	16.2466	50.0
Benzo (a) anthracene	1.335	1.495	0.300	11.9739	50.0
Chrysene	1.260	1.417	0.200	12.4548	50.0
Bis(2-ethylhexyl)phthalate	0.760	0.909	0.200	19.5558	50.0
Di-n-octyl phthalate	1.267	1.401	0.010	10.6315	50.0
Benzo (b) fluoranthene	1.177	1.307	0.200	11.0556	50.0
Benzo (k) fluoranthene	1.195	1.309	0.200	9.4918	50.0
Benzo (a) pyrene	1.112	1.253	0.200	12.6539	50.0
Indeno (1,2,3-cd) pyrene	1.202	1.338	0.200	11.2976	50.0
Dibenzo (a,h) anthracene	1.012	1.111	0.200	9.7838	50.0
Benzo (g,h,i) perylene	0.944	1.055	0.200	11.8483	50.0
2,3,4,6-Tetrachlorophenol	0.303	0.361	0.040	19.3608	50.0
1,4-Dioxane-d8	0.427	0.442	0.010	3.6325	50.0
Pyridine-d5	1.279	1.290	0.010	0.8745	50.0
Phenol-d5	1.618	1.676	0.010	3.5621	50.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.047	0.050	4.7914	50.0
2-Chlorophenol-d4	1.227	1.359	0.200	10.759	50.0
4-Methylphenol-d8	1.356	1.430	0.010	5.4771	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG No.: BN040924

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:03:46

Lab File ID: BN030808.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.154	0.050	10.7992	50.0
2-Nitrophenol-d4	0.127	0.154	0.050	21.576	50.0
2,4-Dichlorophenol-d3	0.278	0.316	0.060	13.684	50.0
4-Chloroaniline-d4	0.457	0.487	0.010	6.3969	50.0
Dimethylphthalate-d6	1.335	1.476	0.300	10.5585	50.0
Acenaphthylene-d8	1.535	1.733	0.400	12.8458	50.0
4-Nitrophenol-d4	0.255	0.279	0.010	9.1615	50.0
Fluorene-d10	1.169	1.295	0.100	10.8538	50.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.093	0.010	4.962	50.0
Anthracene-d10	0.862	0.964	0.300	11.9255	50.0
Pyrene-d10	1.075	1.168	0.300	8.5812	50.0
Benzo(a)pyrene-d12	0.922	1.054	0.010	14.3962	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK989	SDG No.:	BN040924
Lab Sample ID:	PB159989BL	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
BN030789.D	1	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159989

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK989	SDG No.:	BN040924
Lab Sample ID:	PB159989BL	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
BN030789.D	1	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159989

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK989	SDG No.:	BN040924
Lab Sample ID:	PB159989BL	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
BN030789.D	1	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159989

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	9.137		15-120		114	SPK: -8
7291-22-7	Pyridine-d5	38.911		20-120		97	SPK: -40
4165-62-2	Phenol-d5	39.185		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.496		25-120		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	41.246		20-130		103	SPK: -40
190780-66-6	4-Methylphenol-d8	39.352		25-125		98	SPK: -40
4165-60-0	Nitrobenzene-d5	38.398		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.057		20-130		110	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.277		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	43.719		1-146		109	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.599		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.665		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.646		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	37.881		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK989	SDG No.:	BN040924
Lab Sample ID:	PB159989BL	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
BN030789.D	1	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.652		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	37.399		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	36.236		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.378		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226469	7.681				
1146-65-2	Naphthalene-d8	1176634	10.463				
15067-26-2	Acenaphthene-d10	852215	14.322				
1517-22-2	Phenanthrene-d10	1884829	17.075				
1719-03-5	Chrysene-d12	1837383	21.31				
1520-96-3	Perylene-d12	1911895	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MS	SDG No.:	BN040924
Lab Sample ID:	P1893-03MS	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
BN030790.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	57		3.1	5	20	ug/L
100-52-7	Benzaldehyde	480		14	50	100	ug/L
110-86-1	Pyridine	140		8.5	100	100	ug/L
108-95-2	Phenol	100		17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	400		15	50	100	ug/L
95-57-8	2-Chlorophenol	330		11	25	50	ug/L
95-48-7	2-Methylphenol	260		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	390		14	50	100	ug/L
98-86-2	Acetophenone	430		21	50	100	ug/L
106-44-5	4-Methylphenol	220		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	420		14	25	50	ug/L
67-72-1	Hexachloroethane	380		8.9	25	50	ug/L
98-95-3	Nitrobenzene	390		13	25	50	ug/L
78-59-1	Isophorone	400		14	25	50	ug/L
88-75-5	2-Nitrophenol	450		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	260		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	380		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	370		14	25	50	ug/L
91-20-3	Naphthalene	380		15	25	50	ug/L
106-47-8	4-Chloroaniline	310		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	360		11	25	50	ug/L
105-60-2	Caprolactam	77	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	370		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	380		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	380		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	300		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	440		17	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MS	SDG No.:	BN040924
Lab Sample ID:	P1893-03MS	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
BN030790.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	390		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	400		18	25	50	ug/L
88-74-4	2-Nitroaniline	500		12	25	50	ug/L
131-11-3	Dimethylphthalate	440		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		13	25	50	ug/L
208-96-8	Acenaphthylene	400		18	25	50	ug/L
99-09-2	3-Nitroaniline	480		8.6	50	100	ug/L
83-32-9	Acenaphthene	400		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	590		19	50	100	ug/L
100-02-7	4-Nitrophenol	110		15	50	100	ug/L
132-64-9	Dibenzofuran	400		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	520		9.7	25	50	ug/L
84-66-2	Diethylphthalate	450		15	25	50	ug/L
86-73-7	Fluorene	380		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	380		19	25	50	ug/L
100-01-6	4-Nitroaniline	570		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	540		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	420		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	390		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	430		27	25	50	ug/L
118-74-1	Hexachlorobenzene	430		19	25	50	ug/L
1912-24-9	Atrazine	430		12	50	100	ug/L
87-86-5	Pentachlorophenol	490		17	50	100	ug/L
85-01-8	Phenanthrene	420		18	25	50	ug/L
608-93-5	Pentachlorobenzene	400		13	25	50	ug/L
120-12-7	Anthracene	400		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	400		7.5	25	50	ug/L
86-74-8	Carbazole	460		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	470		17	25	50	ug/L
206-44-0	Fluoranthene	450		17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MS	SDG No.:	BN040924
Lab Sample ID:	P1893-03MS	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
BN030790.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	420		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	540		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	430		15	25	50	ug/L
218-01-9	Chrysene	440		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	480		15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	480		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	460		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	430		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	450		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	480		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	500		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	37.6		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	136.56		20-120		34	SPK: -40
4165-62-2	Phenol-d5	98.64		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	409.91		25-120		102	SPK: -40
93951-73-6	2-Chlorophenol-d4	346.86		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	227.8		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	439.92		20-125		110	SPK: -40
93951-78-1	2-Nitrophenol-d4	509.24		20-130		127	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	395.18		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	329.58		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	455.54		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	422.5		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	116.01		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	423.12		25-125		105	SPK: -40

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MS	SDG No.:	BN040924
Lab Sample ID:	P1893-03MS	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
BN030790.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	574.51	*	10-130		143	SPK: -40
1719-06-8	Anthracene-d10	429.74		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	458.36		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	478.1		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	326570	7.681				
1146-65-2	Naphthalene-d8	1655952	10.463				
15067-26-2	Acenaphthene-d10	1138757	14.328				
1517-22-2	Phenanthrene-d10	2450424	17.075				
1719-03-5	Chrysene-d12	2174178	21.322				
1520-96-3	Perylene-d12	2563695	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MSD	SDG No.:	BN040924
Lab Sample ID:	P1893-04MSD	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
BN030791.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	56		3.1	5	20	ug/L
100-52-7	Benzaldehyde	480		14	50	100	ug/L
110-86-1	Pyridine	140		8.5	100	100	ug/L
108-95-2	Phenol	99	J	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	400		15	50	100	ug/L
95-57-8	2-Chlorophenol	330		11	25	50	ug/L
95-48-7	2-Methylphenol	250		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		14	50	100	ug/L
98-86-2	Acetophenone	430		21	50	100	ug/L
106-44-5	4-Methylphenol	220		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	420		14	25	50	ug/L
67-72-1	Hexachloroethane	370		8.9	25	50	ug/L
98-95-3	Nitrobenzene	400		13	25	50	ug/L
78-59-1	Isophorone	410		14	25	50	ug/L
88-75-5	2-Nitrophenol	450		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	250		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	380		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	370		14	25	50	ug/L
91-20-3	Naphthalene	380		15	25	50	ug/L
106-47-8	4-Chloroaniline	320		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	370		11	25	50	ug/L
105-60-2	Caprolactam	76	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	370		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	380		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	390		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	310		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	440		17	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MSD	SDG No.:	BN040924
Lab Sample ID:	P1893-04MSD	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
BN030791.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	390		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	400		18	25	50	ug/L
88-74-4	2-Nitroaniline	500		12	25	50	ug/L
131-11-3	Dimethylphthalate	440		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		13	25	50	ug/L
208-96-8	Acenaphthylene	410		18	25	50	ug/L
99-09-2	3-Nitroaniline	500		8.6	50	100	ug/L
83-32-9	Acenaphthene	400		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	600		19	50	100	ug/L
100-02-7	4-Nitrophenol	110		15	50	100	ug/L
132-64-9	Dibenzofuran	400		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	520		9.7	25	50	ug/L
84-66-2	Diethylphthalate	460		15	25	50	ug/L
86-73-7	Fluorene	400		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	400		19	25	50	ug/L
100-01-6	4-Nitroaniline	570		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	550		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	420		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	390		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	430		27	25	50	ug/L
118-74-1	Hexachlorobenzene	440		19	25	50	ug/L
1912-24-9	Atrazine	430		12	50	100	ug/L
87-86-5	Pentachlorophenol	490		17	50	100	ug/L
85-01-8	Phenanthrene	420		18	25	50	ug/L
608-93-5	Pentachlorobenzene	410		13	25	50	ug/L
120-12-7	Anthracene	410		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	390		7.5	25	50	ug/L
86-74-8	Carbazole	450		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	480		17	25	50	ug/L
206-44-0	Fluoranthene	440		17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MSD	SDG No.:	BN040924
Lab Sample ID:	P1893-04MSD	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
BN030791.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	540		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	420		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	440		15	25	50	ug/L
218-01-9	Chrysene	450		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	500		15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	510		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	450		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	460		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	460		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	480		18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	38.47		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	134.32		20-120		33	SPK: -40
4165-62-2	Phenol-d5	97.84		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	401		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	343.42		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	226.23		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	441.14		20-125		110	SPK: -40
93951-78-1	2-Nitrophenol-d4	504.17		20-130		126	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	397.16		20-120		99	SPK: -40
191656-33-4	4-Chloroaniline-d4	334.04		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	457.78		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	421.47		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	115.37		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	439.24		25-125		109	SPK: -40

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	E07D1MSD	SDG No.:	BN040924
Lab Sample ID:	P1893-04MSD	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
BN030791.D	10	4/3/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB159962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	572.1	*	10-130		143	SPK: -40
1719-06-8	Anthracene-d10	435.58		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	460.07		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	484.38		20-130		121	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269141	7.681				
1146-65-2	Naphthalene-d8	1354392	10.463				
15067-26-2	Acenaphthene-d10	946165	14.328				
1517-22-2	Phenanthrene-d10	2056097	17.075				
1719-03-5	Chrysene-d12	1847909	21.322				
1520-96-3	Perylene-d12	2097490	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AK0	SDG No.:	BN040924
Lab Sample ID:	P1970-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030792.D	1	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.8		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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AK0	SDG No.:	BN040924
Lab Sample ID:	P1970-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030792.D	1	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AK0	SDG No.:	BN040924
Lab Sample ID:	P1970-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030792.D	1	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

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	7.678		15-120		96	SPK: -8
7291-22-7	Pyridine-d5	21.178		20-120		53	SPK: -40
4165-62-2	Phenol-d5	11.854		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	56.251	*	25-120		141	SPK: -40
93951-73-6	2-Chlorophenol-d4	47.628		20-130		119	SPK: -40
190780-66-6	4-Methylphenol-d8	29.934		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	65.205	*	20-125		163	SPK: -40
93951-78-1	2-Nitrophenol-d4	76.081	*	20-130		190	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	58.717	*	20-120		147	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.589		1-146		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	64.29	*	25-130		161	SPK: -40
93951-97-4	Acenaphthylene-d8	62.931	*	10-130		157	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.255		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	63.299	*	25-125		158	SPK: -40



Client:				Date Collected:	4/3/2024 12:00:00 AM	
Project:				Date Received:	4/3/2024 12:00:00 AM	
Client Sample ID:	C0AK0			SDG No.:	BN040924	
Lab Sample ID:	P1970-09			Matrix:	Water	
Analytical Method:	SFAM_SVOC			% Moisture:	100	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030792.D	1	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	70.632	*	10-130		177	SPK: -40
1719-06-8	Anthracene-d10	63.907	*	25-130		160	SPK: -40
1718-52-1	Pyrene-d10	62.678	*	15-130		157	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	71.206	*	20-130		178	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199053	7.681				
1146-65-2	Naphthalene-d8	935936	10.463				
15067-26-2	Acenaphthene-d10	676880	14.322				
1517-22-2	Phenanthrene-d10	1475150	17.075				
1719-03-5	Chrysene-d12	1399024	21.31				
1520-96-3	Perylene-d12	1376862	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	41	J			10.252	
000057-10-3	n-Hexadecanoic acid	5.1	J			17.975	
080398-10-3	Indole, 3-(methoxy)(2-thienyl)meth	3.4	J			19.11	
000057-11-4	Octadecanoic acid	2.8	J			19.263	
1010356-88-6	Phthalic acid, di(4-methylpent-2-y	2.7	J			22.874	
E966796	Total Alkanes	1.9	U			99	ug/L



Client:				Date Collected:	4/3/2024 12:00:00 AM	
Project:				Date Received:	4/3/2024 12:00:00 AM	
Client Sample ID:	C0AJ9DL			SDG No.:	BN040924	
Lab Sample ID:	P1970-08DL			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
BN030793.D	2	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	D	0.62	1	4	ug/L
100-52-7	Benzaldehyde	2.8	U	2.8	10	20	ug/L
110-86-1	Pyridine	1.7	U	1.7	20	20	ug/L
108-95-2	Phenol	3.4	U	3.4	10	20	ug/L
111-44-4	Bis(2-Chloroethyl)ether	3	U	3	10	20	ug/L
95-57-8	2-Chlorophenol	2.2	U	2.2	5	10	ug/L
95-48-7	2-Methylphenol	3	U	3	10	20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.8	U	2.8	10	20	ug/L
98-86-2	Acetophenone	4.2	U	4.2	10	20	ug/L
106-44-5	4-Methylphenol	3.2	U	3.2	10	20	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2.8	U	2.8	5	10	ug/L
67-72-1	Hexachloroethane	1.78	U	1.78	5	10	ug/L
98-95-3	Nitrobenzene	2.6	U	2.6	5	10	ug/L
78-59-1	Isophorone	2.8	U	2.8	5	10	ug/L
88-75-5	2-Nitrophenol	2.8	U	2.8	5	10	ug/L
105-67-9	2,4-Dimethylphenol	1.44	U	1.44	5	10	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	2.8	U	2.8	5	10	ug/L
120-83-2	2,4-Dichlorophenol	2.8	U	2.8	5	10	ug/L
91-20-3	Naphthalene	3	U	3	5	10	ug/L
106-47-8	4-Chloroaniline	3.4	U	3.4	5	20	ug/L
87-68-3	Hexachlorobutadiene	2.2	U	2.2	5	10	ug/L
105-60-2	Caprolactam	2.6	U	2.6	10	20	ug/L
59-50-7	4-Chloro-3-methylphenol	2.8	U	2.8	5	10	ug/L
90-12-0	1-Methylnaphthalene	1.94	U	1.94	5	10	ug/L
91-57-6	2-Methylnaphthalene	3	U	3	5	10	ug/L
77-47-4	Hexachlorocyclopentadiene	2.8	U	2.8	10	20	ug/L
88-06-2	2,4,6-Trichlorophenol	3.8	U	3.8	5	10	ug/L
95-95-4	2,4,5-Trichlorophenol	3.4	U	3.4	5	10	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9DL	SDG No.:	BN040924
Lab Sample ID:	P1970-08DL	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
BN030793.D	2	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3.8	U	3.8	5	10	ug/L
91-58-7	2-Chloronaphthalene	3.6	U	3.6	5	10	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	5	10	ug/L
131-11-3	Dimethylphthalate	3.2	U	3.2	5	10	ug/L
606-20-2	2,6-Dinitrotoluene	2.6	U	2.6	5	10	ug/L
208-96-8	Acenaphthylene	3.6	U	3.6	5	10	ug/L
99-09-2	3-Nitroaniline	1.72	U	1.72	10	20	ug/L
83-32-9	Acenaphthene	3.8	U	3.8	5	10	ug/L
51-28-5	2,4-Dinitrophenol	3.8	U	3.8	10	20	ug/L
100-02-7	4-Nitrophenol	3	U	3	10	20	ug/L
132-64-9	Dibenzofuran	3.4	U	3.4	5	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.94	U	1.94	5	10	ug/L
84-66-2	Diethylphthalate	3	U	3	5	10	ug/L
86-73-7	Fluorene	4	U	4	5	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.8	U	3.8	5	10	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	10	20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.4	U	3.4	10	20	ug/L
86-30-6	N-Nitrosodiphenylamine	3.4	U	3.4	5	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.6	U	3.6	5	10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.4	U	5.4	5	10	ug/L
118-74-1	Hexachlorobenzene	3.8	U	3.8	5	10	ug/L
1912-24-9	Atrazine	2.4	U	2.4	10	20	ug/L
87-86-5	Pentachlorophenol	3.4	U	3.4	10	20	ug/L
85-01-8	Phenanthrene	3.6	U	3.6	5	10	ug/L
608-93-5	Pentachlorobenzene	2.6	U	2.6	5	10	ug/L
120-12-7	Anthracene	3.4	U	3.4	5	10	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.5	U	1.5	5	10	ug/L
86-74-8	Carbazole	4	U	4	10	20	ug/L
84-74-2	Di-n-butylphthalate	3.4	U	3.4	5	10	ug/L
206-44-0	Fluoranthene	3.4	U	3.4	10	10	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9DL	SDG No.:	BN040924
Lab Sample ID:	P1970-08DL	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
BN030793.D	2	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3.4	U	3.4	5	10	ug/L
85-68-7	Butylbenzylphthalate	3	U	3	5	10	ug/L
91-94-1	3,3-Dichlorobenzidine	2.8	U	2.8	10	20	ug/L
56-55-3	Benzo(a)anthracene	3	U	3	5	10	ug/L
218-01-9	Chrysene	3.4	U	3.4	5	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	5	10	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	10	20	ug/L
205-99-2	Benzo(b)fluoranthene	3.2	U	3.2	5	10	ug/L
207-08-9	Benzo(k)fluoranthene	4.4	U	4.4	5	10	ug/L
50-32-8	Benzo(a)pyrene	4	U	4	5	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.8	U	3.8	5	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4	U	4	5	10	ug/L
191-24-2	Benzo(g,h,i)perylene	3.8	U	3.8	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.6	U	3.6	5	10	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.298		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	6.086	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	5		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.516		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.752		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	13.068		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	31.11		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.662		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.248		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.56		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.376		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.202		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	37.782		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9DL	SDG No.:	BN040924
Lab Sample ID:	P1970-08DL	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
BN030793.D	2	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.846		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	39.448		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.264		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.22		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173549	7.675				
1146-65-2	Naphthalene-d8	827899	10.457				
15067-26-2	Acenaphthene-d10	608107	14.322				
1517-22-2	Phenanthrene-d10	1383322	17.075				
1719-03-5	Chrysene-d12	1319830	21.316				
1520-96-3	Perylene-d12	1356527	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	3.8	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8DL	SDG No.:	BN040924
Lab Sample ID:	P1970-07DL	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
BN030794.D	5	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49	D	1.55	2.5	10	ug/L
100-52-7	Benzaldehyde	7	U	7	25	50	ug/L
110-86-1	Pyridine	4.25	U	4.25	50	50	ug/L
108-95-2	Phenol	8.5	U	8.5	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7.5	U	7.5	25	50	ug/L
95-57-8	2-Chlorophenol	5.5	U	5.5	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7	U	7	25	50	ug/L
98-86-2	Acetophenone	10.5	U	10.5	25	50	ug/L
106-44-5	4-Methylphenol	8	U	8	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	7	U	7	12.5	25	ug/L
67-72-1	Hexachloroethane	4.45	U	4.45	12.5	25	ug/L
98-95-3	Nitrobenzene	6.5	U	6.5	12.5	25	ug/L
78-59-1	Isophorone	7	U	7	12.5	25	ug/L
88-75-5	2-Nitrophenol	7	U	7	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	3.6	U	3.6	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7	U	7	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	7	U	7	12.5	25	ug/L
91-20-3	Naphthalene	7.5	U	7.5	12.5	25	ug/L
106-47-8	4-Chloroaniline	8.5	U	8.5	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	5.5	U	5.5	12.5	25	ug/L
105-60-2	Caprolactam	6.5	U	6.5	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	7	U	7	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	4.85	U	4.85	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	7.5	U	7.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	7	U	7	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	9.5	U	9.5	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8.5	U	8.5	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8DL	SDG No.:	BN040924
Lab Sample ID:	P1970-07DL	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
BN030794.D	5	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.5	U	9.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	9	U	9	12.5	25	ug/L
88-74-4	2-Nitroaniline	6	U	6	12.5	25	ug/L
131-11-3	Dimethylphthalate	8	U	8	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	6.5	U	6.5	12.5	25	ug/L
208-96-8	Acenaphthylene	9	U	9	12.5	25	ug/L
99-09-2	3-Nitroaniline	4.3	U	4.3	25	50	ug/L
83-32-9	Acenaphthene	9.5	U	9.5	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9.5	U	9.5	25	50	ug/L
100-02-7	4-Nitrophenol	7.5	U	7.5	25	50	ug/L
132-64-9	Dibenzofuran	8.5	U	8.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	4.85	U	4.85	12.5	25	ug/L
84-66-2	Diethylphthalate	7.5	U	7.5	12.5	25	ug/L
86-73-7	Fluorene	10	U	10	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.5	U	9.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	3	U	3	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.5	U	8.5	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	8.5	U	8.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	13.5	U	13.5	12.5	25	ug/L
118-74-1	Hexachlorobenzene	9.5	U	9.5	12.5	25	ug/L
1912-24-9	Atrazine	6	U	6	25	50	ug/L
87-86-5	Pentachlorophenol	8.5	U	8.5	25	50	ug/L
85-01-8	Phenanthrene	9	U	9	12.5	25	ug/L
608-93-5	Pentachlorobenzene	6.5	U	6.5	12.5	25	ug/L
120-12-7	Anthracene	8.5	U	8.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.75	U	3.75	12.5	25	ug/L
86-74-8	Carbazole	10	U	10	25	50	ug/L
84-74-2	Di-n-butylphthalate	8.5	U	8.5	12.5	25	ug/L
206-44-0	Fluoranthene	8.5	U	8.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8DL	SDG No.:	BN040924
Lab Sample ID:	P1970-07DL	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
BN030794.D	5	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8.5	U	8.5	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	7.5	U	7.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	7.5	U	7.5	12.5	25	ug/L
218-01-9	Chrysene	8.5	U	8.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.5	U	7.5	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	6.5	U	6.5	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	8	U	8	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	10	U	10	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	9.5	U	9.5	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	10	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	9.5	U	9.5	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	9	U	9	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.265		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	11.05		20-120		28	SPK: -40
4165-62-2	Phenol-d5	4.755		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.855		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.255		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	11.77		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	26.82		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.715		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.78		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.14		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.555		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.3		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	36.36		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8DL	SDG No.:	BN040924
Lab Sample ID:	P1970-07DL	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
BN030794.D	5	4/4/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160016

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	38.55		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	39.575		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.77		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192131	7.675				
1146-65-2	Naphthalene-d8	897877	10.457				
15067-26-2	Acenaphthene-d10	652393	14.322				
1517-22-2	Phenanthrene-d10	1446891	17.075				
1719-03-5	Chrysene-d12	1341838	21.31				
1520-96-3	Perylene-d12	1258552	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-94-1	Cyclohexanone	150	JD			5.746	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	32	JD			10.246	
E966796	Total Alkanes	9.5	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK094	SDG No.:	BN040924
Lab Sample ID:	PB160094BL	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
BN030796.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK094	SDG No.:	BN040924
Lab Sample ID:	PB160094BL	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
BN030796.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK094	SDG No.:	BN040924
Lab Sample ID:	PB160094BL	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
BN030796.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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	6.317		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	32.972		20-120		82	SPK: -40
4165-62-2	Phenol-d5	31.357		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.261		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.937		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	32.311		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	34.27		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.286		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.339		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.435		1-146		94	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.116		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.756		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.646		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	35.956		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK094	SDG No.:	BN040924
Lab Sample ID:	PB160094BL	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
BN030796.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.088		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	36.236		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	35.473		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.849		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169030	7.681				
1146-65-2	Naphthalene-d8	784967	10.463				
15067-26-2	Acenaphthene-d10	558139	14.322				
1517-22-2	Phenanthrene-d10	1241019	17.075				
1719-03-5	Chrysene-d12	1150881	21.31				
1520-96-3	Perylene-d12	1197883	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK103	SDG No.:	BN040924
Lab Sample ID:	PB160103BL	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
BN030797.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK103	SDG No.:	BN040924
Lab Sample ID:	PB160103BL	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
BN030797.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK103	SDG No.:	BN040924
Lab Sample ID:	PB160103BL	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
BN030797.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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	6.589		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	34.222		20-120		86	SPK: -40
4165-62-2	Phenol-d5	32.135		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.497		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.244		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	32.49		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	34.533		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.558		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.271		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.392		1-146		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.582		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	35.918		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.556		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	36.264		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SBLK103	SDG No.:	BN040924
Lab Sample ID:	PB160103BL	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
BN030797.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.864		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	36.531		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	35.669		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.06		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164303	7.681				
1146-65-2	Naphthalene-d8	760290	10.463				
15067-26-2	Acenaphthene-d10	539295	14.322				
1517-22-2	Phenanthrene-d10	1199274	17.075				
1719-03-5	Chrysene-d12	1128003	21.31				
1520-96-3	Perylene-d12	1168530	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BN040924
Lab Sample ID:	P2013-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030798.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BN040924
Lab Sample ID:	P2013-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030798.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BN040924
Lab Sample ID:	P2013-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030798.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

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	4.031		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	11.744		20-120		29	SPK: -40
4165-62-2	Phenol-d5	7.078		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.996		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.203		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	17.027		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	36.477		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.149		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.485		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.558		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.597		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	39.646		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.057		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	43.13		25-125		108	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BN040924
Lab Sample ID:	P2013-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030798.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.573		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	43.584		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	42.746		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.431		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141254	7.681				
1146-65-2	Naphthalene-d8	644413	10.463				
15067-26-2	Acenaphthene-d10	453582	14.322				
1517-22-2	Phenanthrene-d10	1017124	17.069				
1719-03-5	Chrysene-d12	1063019	21.31				
1520-96-3	Perylene-d12	1210082	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BN040924
Lab Sample ID:	P2013-15MS	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
BN030799.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.5		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	46		1.4	5	10	ug/L
110-86-1	Pyridine	13		0.85	10	10	ug/L
108-95-2	Phenol	9.3	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	35		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.4	5	10	ug/L
98-86-2	Acetophenone	37		2.1	5	10	ug/L
106-44-5	4-Methylphenol	21		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	37		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	25		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.3	2.5	5	ug/L
78-59-1	Isophorone	38		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	40		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	36		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.4	2.5	5	ug/L
91-20-3	Naphthalene	33		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	32		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.1	2.5	5	ug/L
105-60-2	Caprolactam	5.9	J	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	37		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BN040924
Lab Sample ID:	P2013-15MS	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
BN030799.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	38		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	47		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	41		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	46		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	40		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	48		0.86	5	10	ug/L
83-32-9	Acenaphthene	39		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	48		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	10		1.5	5	10	ug/L
132-64-9	Dibenzofuran	40		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	48		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	42		1.5	2.5	5	ug/L
86-73-7	Fluorene	41		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	53		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	41		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	38		1.9	2.5	5	ug/L
1912-24-9	Atrazine	43		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	43		1.7	5	10	ug/L
85-01-8	Phenanthrene	41		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	39		1.3	2.5	5	ug/L
120-12-7	Anthracene	41		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		0.75	2.5	5	ug/L
86-74-8	Carbazole	45		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	45		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	41		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BN040924
Lab Sample ID:	P2013-15MS	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
BN030799.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	41		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	49		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	42		1.5	2.5	5	ug/L
218-01-9	Chrysene	43		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	46		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	42		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	42		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	38		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	42		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.961		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	12.396		20-120		31	SPK: -40
4165-62-2	Phenol-d5	8.796		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.179		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.436		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	19.989		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	39.896		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.569		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.782		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.183		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.487		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	41.748		10-130		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.358		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	42.45		25-125		106	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BN040924
Lab Sample ID:	P2013-15MS	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
BN030799.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	48.593		10-130		121	SPK: -40
1719-06-8	Anthracene-d10	42.648		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	42.794		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.766		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196500	7.681				
1146-65-2	Naphthalene-d8	916560	10.463				
15067-26-2	Acenaphthene-d10	624263	14.322				
1517-22-2	Phenanthrene-d10	1365722	17.075				
1719-03-5	Chrysene-d12	1290623	21.316				
1520-96-3	Perylene-d12	1494538	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BN040924
Lab Sample ID:	P2013-16MSD	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
BN030800.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	55		1.4	5	10	ug/L
110-86-1	Pyridine	15		0.85	10	10	ug/L
108-95-2	Phenol	11		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	43		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		1.4	5	10	ug/L
98-86-2	Acetophenone	44		2.1	5	10	ug/L
106-44-5	4-Methylphenol	25		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	44		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	30		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	44		1.3	2.5	5	ug/L
78-59-1	Isophorone	46		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	50		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	35		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	43		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	44		1.4	2.5	5	ug/L
91-20-3	Naphthalene	40		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	40		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.1	2.5	5	ug/L
105-60-2	Caprolactam	7.4	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	44		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	44		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	29		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BN040924
Lab Sample ID:	P2013-16MSD	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
BN030800.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	46		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	58		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	50		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	57		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	47		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	58		0.86	5	10	ug/L
83-32-9	Acenaphthene	48		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	60		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	13		1.5	5	10	ug/L
132-64-9	Dibenzofuran	48		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	58		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	51		1.5	2.5	5	ug/L
86-73-7	Fluorene	48		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	65		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	50		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	48		1.9	2.5	5	ug/L
1912-24-9	Atrazine	53		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	55		1.7	5	10	ug/L
85-01-8	Phenanthrene	50		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	48		1.3	2.5	5	ug/L
120-12-7	Anthracene	49		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	48		0.75	2.5	5	ug/L
86-74-8	Carbazole	55		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	55		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	49		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BN040924
Lab Sample ID:	P2013-16MSD	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
BN030800.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	60		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	48		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	50		1.5	2.5	5	ug/L
218-01-9	Chrysene	51		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	56		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	50		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	50		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	46		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.714		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	15.432		20-120		39	SPK: -40
4165-62-2	Phenol-d5	10.702		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.542		25-120		109	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.392		20-130		93	SPK: -40
190780-66-6	4-Methylphenol-d8	24.54		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	49.362		20-125		123	SPK: -40
93951-78-1	2-Nitrophenol-d4	55.247	*	20-130		138	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	45.635		20-120		114	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.949		1-146		100	SPK: -40
85448-30-2	Dimethylphthalate-d6	52.63	*	25-130		132	SPK: -40
93951-97-4	Acenaphthylene-d8	50.609		10-130		127	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.878		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	51.552	*	25-125		129	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BN040924
Lab Sample ID:	P2013-16MSD	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
BN030800.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	60.518	*	10-130		151	SPK: -40
1719-06-8	Anthracene-d10	52.015		25-130		130	SPK: -40
1718-52-1	Pyrene-d10	51.251		15-130		128	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	55.153	*	20-130		138	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175659	7.681				
1146-65-2	Naphthalene-d8	812716	10.463				
15067-26-2	Acenaphthene-d10	556289	14.322				
1517-22-2	Phenanthrene-d10	1192072	17.075				
1719-03-5	Chrysene-d12	1154069	21.316				
1520-96-3	Perylene-d12	1311601	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW1	SDG No.:	BN040924
Lab Sample ID:	P1973-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030801.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW1	SDG No.:	BN040924
Lab Sample ID:	P1973-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030801.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW1	SDG No.:	BN040924
Lab Sample ID:	P1973-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030801.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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	4.206		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.24		20-120		26	SPK: -40
4165-62-2	Phenol-d5	5.674		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.019		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.632		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	15.413		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	40.752		20-125		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.322		20-130		111	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.106		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.786		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.299		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	43.317		10-130		108	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.707	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	44.945		25-125		112	SPK: -40

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW1	SDG No.:	BN040924
Lab Sample ID:	P1973-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030801.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.233		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	46.551		25-130		116	SPK: -40
1718-52-1	Pyrene-d10	45.963		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.014		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149838	7.681				
1146-65-2	Naphthalene-d8	705528	10.463				
15067-26-2	Acenaphthene-d10	505870	14.322				
1517-22-2	Phenanthrene-d10	1117848	17.069				
1719-03-5	Chrysene-d12	1077799	21.304				
1520-96-3	Perylene-d12	1168546	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	22	J			4.428	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC3	SDG No.:	BN040924
Lab Sample ID:	P2013-19	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
BN030802.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC3	SDG No.:	BN040924
Lab Sample ID:	P2013-19	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
BN030802.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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



Client:				Date Collected:	4/3/2024 12:00:00 AM	
Project:				Date Received:	4/3/2024 12:00:00 AM	
Client Sample ID:	E0MC3			SDG No.:	BN040924	
Lab Sample ID:	P2013-19			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
BN030802.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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	3.928		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	11.122		20-120		28	SPK: -40
4165-62-2	Phenol-d5	6.844		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.558		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.307		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	16.831		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	37.63		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.712		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.619		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.335		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.072		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	39.634		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.026		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	42.923		25-125		107	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC3	SDG No.:	BN040924
Lab Sample ID:	P2013-19	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
BN030802.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.518		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	44.059		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	44.404		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.479		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146318	7.681				
1146-65-2	Naphthalene-d8	690324	10.463				
15067-26-2	Acenaphthene-d10	496888	14.322				
1517-22-2	Phenanthrene-d10	1106292	17.069				
1719-03-5	Chrysene-d12	1049344	21.304				
1520-96-3	Perylene-d12	1143436	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BN040924
Lab Sample ID:	P2013-20	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
BN030803.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BN040924
Lab Sample ID:	P2013-20	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
BN030803.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BN040924
Lab Sample ID:	P2013-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030803.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

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							
17647-74-4	1,4-Dioxane-d8	4.888		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	11.697		20-120		29	SPK: -40
4165-62-2	Phenol-d5	7.243		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.138		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.77		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	18.916		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	42.142		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.043		20-130		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.253		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.474		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.286		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	42.384		10-130		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.854		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	43.737		25-125		109	SPK: -40

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BN040924
Lab Sample ID:	P2013-20	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030803.D	1	4/8/2024 12:00:00 AM	4/9/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.063		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	45.411		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	46.1		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.553		20-130		121	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166489	7.681				
1146-65-2	Naphthalene-d8	767644	10.463				
15067-26-2	Acenaphthene-d10	544463	14.322				
1517-22-2	Phenanthrene-d10	1185846	17.069				
1719-03-5	Chrysene-d12	1108644	21.304				
1520-96-3	Perylene-d12	1167406	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BN040924
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030804.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BN040924
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030804.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BN040924
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030804.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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	5.047		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	8.392		20-120		21	SPK: -40
4165-62-2	Phenol-d5	8.111		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.881		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.303		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	19.493		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	40.547		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.321		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.329		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.127		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.262		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	40.488		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.497		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	41.958		25-125		105	SPK: -40

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BN040924
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030804.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.252		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	43.644		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	42.529		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.633		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169261	7.681				
1146-65-2	Naphthalene-d8	794439	10.463				
15067-26-2	Acenaphthene-d10	569412	14.322				
1517-22-2	Phenanthrene-d10	1241180	17.069				
1719-03-5	Chrysene-d12	1227384	21.304				
1520-96-3	Perylene-d12	1305759	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BN040924
Lab Sample ID:	P2013-22	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
BN030805.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BN040924
Lab Sample ID:	P2013-22	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
BN030805.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BN040924
Lab Sample ID:	P2013-22	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
BN030805.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

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	5.234		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	13.714		20-120		34	SPK: -40
4165-62-2	Phenol-d5	9.154		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.33		25-120		101	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.537		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	21.417		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	42.919		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.458		20-130		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.701		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.417		1-146		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.087		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	43.603		10-130		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.858		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	46.917		25-125		117	SPK: -40

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BN040924
Lab Sample ID:	P2013-22	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
BN030805.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.051		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	46.251		25-130		116	SPK: -40
1718-52-1	Pyrene-d10	45.97		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	50.004		20-130		125	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158590	7.681				
1146-65-2	Naphthalene-d8	735405	10.463				
15067-26-2	Acenaphthene-d10	519123	14.322				
1517-22-2	Phenanthrene-d10	1165478	17.069				
1719-03-5	Chrysene-d12	1141920	21.304				
1520-96-3	Perylene-d12	1193281	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS094	SDG No.:	BN040924
Lab Sample ID:	PB160094BS	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
BN030806.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.9		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	40		1.4	5	10	ug/L
110-86-1	Pyridine	30		0.85	10	10	ug/L
108-95-2	Phenol	33		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	33		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.4	5	10	ug/L
98-86-2	Acetophenone	32		2.1	5	10	ug/L
106-44-5	4-Methylphenol	33		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	31		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.3	2.5	5	ug/L
78-59-1	Isophorone	31		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.4	2.5	5	ug/L
91-20-3	Naphthalene	31		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	29		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.1	2.5	5	ug/L
105-60-2	Caprolactam	34		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		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	35		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS094	SDG No.:	BN040924
Lab Sample ID:	PB160094BS	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
BN030806.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		0.86	5	10	ug/L
83-32-9	Acenaphthene	32		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		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	31		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.9	2.5	5	ug/L
1912-24-9	Atrazine	32		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.7	5	10	ug/L
85-01-8	Phenanthrene	32		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.3	2.5	5	ug/L
120-12-7	Anthracene	32		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		0.75	2.5	5	ug/L
86-74-8	Carbazole	35		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	31		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS094	SDG No.:	BN040924
Lab Sample ID:	PB160094BS	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
BN030806.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		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	34		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.5	2.5	5	ug/L
218-01-9	Chrysene	32		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.739		15-120		97	SPK: -8
7291-22-7	Pyridine-d5	31.086		20-120		78	SPK: -40
4165-62-2	Phenol-d5	33.012		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.515		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.798		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	32.373		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	33.65		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.817		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.689		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.483		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.932		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.783		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.028		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	34.087		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS094	SDG No.:	BN040924
Lab Sample ID:	PB160094BS	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
BN030806.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.006		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	33.501		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	31.994		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.693		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167803	7.681				
1146-65-2	Naphthalene-d8	786505	10.463				
15067-26-2	Acenaphthene-d10	549914	14.322				
1517-22-2	Phenanthrene-d10	1201620	17.075				
1719-03-5	Chrysene-d12	1224789	21.31				
1520-96-3	Perylene-d12	1317401	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS103	SDG No.:	BN040924
Lab Sample ID:	PB160103BS	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
BN030807.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	42		1.4	5	10	ug/L
110-86-1	Pyridine	31		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	35		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)	30		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	32		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	32		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.3	2.5	5	ug/L
78-59-1	Isophorone	32		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	31		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.4	2.5	5	ug/L
91-20-3	Naphthalene	32		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	30		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		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	33		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		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:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS103	SDG No.:	BN040924
Lab Sample ID:	PB160103BS	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
BN030807.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	40		0.86	5	10	ug/L
83-32-9	Acenaphthene	32		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	34		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	45		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.9	2.5	5	ug/L
1912-24-9	Atrazine	34		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	36		1.7	5	10	ug/L
85-01-8	Phenanthrene	33		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.3	2.5	5	ug/L
120-12-7	Anthracene	33		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	33		0.75	2.5	5	ug/L
86-74-8	Carbazole	37		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS103	SDG No.:	BN040924
Lab Sample ID:	PB160103BS	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
BN030807.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	37		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		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	36		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		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	33		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	37		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.089		15-120		101	SPK: -8
7291-22-7	Pyridine-d5	31.862		20-120		80	SPK: -40
4165-62-2	Phenol-d5	34.464		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.631		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.81		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.391		25-125		86	SPK: -40
4165-60-0	Nitrobenzene-d5	34.785		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.459		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.239		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.715		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.887		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.595		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.106		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	34.402		25-125		86	SPK: -40

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	SLCS103	SDG No.:	BN040924
Lab Sample ID:	PB160103BS	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
BN030807.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160103

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.859		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	34.404		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	34.076		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.091		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164808	7.681				
1146-65-2	Naphthalene-d8	780649	10.463				
15067-26-2	Acenaphthene-d10	545406	14.322				
1517-22-2	Phenanthrene-d10	1183189	17.069				
1719-03-5	Chrysene-d12	1168965	21.31				
1520-96-3	Perylene-d12	1336512	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN040924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AJ8DL								
P1970-07DL	C0AJ8DL	Water	Cyclohexanone	*	150.000	JD		
P1970-07DL	C0AJ8DL	Water	Ethanol, 2-(2-butoxyethoxy)-	*	32.000	JD		
P1970-07DL	C0AJ8DL	Water	Total Alkanes	*	0.000	D 9.5	25	ug/L
			Total Tics :		182.00			
P1970-07DL	C0AJ8DL	Water	1,4-Dioxane		49.000	D 1.55	10	ug/L
			Total Svoc :		49.00			
			Total Concentration:		231.00			
Client ID : C0AJ9DL								
P1970-08DL	C0AJ9DL	Water	Total Alkanes	*	0.000	D 3.8	10	ug/L
			Total Tics :		0.00			
P1970-08DL	C0AJ9DL	Water	1,4-Dioxane		25.000	D 0.62	4	ug/L
			Total Svoc :		25.00			
			Total Concentration:		25.00			
Client ID : C0AK0								
P1970-09	C0AK0	Water	Ethanol, 2-(2-butoxyethoxy)-	*	41.000	J		
P1970-09	C0AK0	Water	Indole, 3-(methoxy)(2-thienyl)me	*	3.400	J		
P1970-09	C0AK0	Water	n-Hexadecanoic acid	*	5.100	J		
P1970-09	C0AK0	Water	Octadecanoic acid	*	2.800	J		
P1970-09	C0AK0	Water	Phthalic acid, di(4-methylpent-2-y	*	2.700	J		
P1970-09	C0AK0	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :		55.00			
P1970-09	C0AK0	Water	1,4-Dioxane		3.800	0.31	2	ug/L
			Total Svoc :		3.80			
			Total Concentration:		58.80			
Client ID : YCSW1								
P1973-12	YCSW1	Water	Tetrachloroethylene	*	22.000	J		
P1973-12	YCSW1	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
			Total Tics :		22.00			
			Total Concentration:		22.00			
Client ID : E0MC0								
P2013-14	E0MC0	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :		0.00			
			Total Concentration:		0.00			
Client ID : E0MC3								
P2013-19	E0MC3	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :		0.00			

Hit Summary Sheet SW-846

SDG No.: BN040924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E0MC4							
P2013-20	E0MC4	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MC5							
P2013-21	E0MC5	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MC6							
P2013-22	E0MC6	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN032824 SAS No.: BN032824 SDG No.: BN032824

Instrument ID: _____ Calibration Date(s): 3/28/2024 : _____

Calibration Time(s): 10:06 _____

LAB FILE ID:		RRFAL1 = BN030517.D		RRFAL2 = BN030518.D		RRFAL3 = BN030519.D		
		RRFAL4 = BN030520.D		RRFAL5 = BN030521.D		RRFAL6 = BN030522.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.466	0.458	0.472	0.449	0.439		0.457	2.9
Benzaldehyde		0.879	0.997	0.837	0.606	0.449	0.753	29.4
Pyridine		1.275	1.332	1.314	1.277	1.255	1.291	2.5
Hexachloroethane	0.536	0.547	0.570	0.558	0.549		0.552	2.3
Nitrobenzene	0.313	0.329	0.354	0.357	0.341		0.339	5.4
Isophorone	0.586	0.646	0.722	0.731	0.691		0.675	8.9
2-Nitrophenol	0.115	0.131	0.158	0.171	0.171		0.149	17.0
2,4-Dimethylphenol	0.307	0.325	0.346	0.348	0.332		0.332	5.0
Bis(2-Chloroethoxy)methane	0.412	0.428	0.453	0.442	0.411		0.429	4.3
2,4-Dichlorophenol	0.256	0.276	0.299	0.300	0.287		0.284	6.5
Naphthalene	1.028	1.037	1.072	1.038	0.953		1.026	4.3
4-Chloroaniline		0.451	0.469	0.462	0.430	0.393	0.441	6.9
Hexachlorobutadiene	0.178	0.179	0.183	0.180	0.172		0.179	2.3
Phenol		1.614	1.751	1.726	1.695	1.642	1.685	3.4
Caprolactam		0.090	0.107	0.112	0.111	0.110	0.106	8.7
4-Chloro-3-methylphenol	0.273	0.306	0.344	0.346	0.328		0.319	9.6
1-Methylnaphthalene	0.710	0.744	0.771	0.747	0.664		0.727	5.7
2-Methylnaphthalene	0.697	0.725	0.760	0.738	0.662		0.716	5.3
Hexachlorocyclopentadiene		0.273	0.295	0.302	0.304	0.292	0.293	4.1
2,4,6-Trichlorophenol	0.260	0.302	0.347	0.355	0.348		0.323	12.6
2,4,5-Trichlorophenol	0.309	0.347	0.388	0.394	0.384		0.364	9.9
1,1-Biphenyl	1.377	1.416	1.426	1.359	1.238		1.363	5.5
2-Chloronaphthalene	1.060	1.109	1.120	1.085	0.992		1.073	4.8
2-Nitroaniline	0.219	0.263	0.303	0.323	0.320		0.286	15.4
Bis(2-Chloroethyl)ether		1.386	1.461	1.421	1.339	1.265	1.374	5.5
Dimethylphthalate	1.336	1.404	1.459	1.412	1.286		1.379	5.0
2,6-Dinitrotoluene	0.190	0.233	0.273	0.294	0.289		0.256	17.2
Acenaphthylene	1.712	1.831	1.908	1.814	1.605		1.774	6.6
3-Nitroaniline		0.253	0.302	0.294	0.268	0.239	0.271	9.8
Acenaphthene	1.180	1.232	1.245	1.191	1.063		1.182	6.1
2,4-Dinitrophenol		0.064	0.093	0.121	0.148	0.161	0.117	33.8
4-Nitrophenol		0.188	0.212	0.213	0.206	0.192	0.202	5.7
Dibenzofuran	1.688	1.726	1.733	1.610	1.460		1.643	6.9
2,4-Dinitrotoluene	0.284	0.347	0.408	0.425	0.403		0.373	15.6
Diethylphthalate	1.319	1.413	1.496	1.443	1.336		1.401	5.3
2-Chlorophenol	1.200	1.273	1.389	1.371	1.350		1.317	6.0

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.: BN032824 SAS No.: BN032824 SDG No.: BN032824

Instrument ID: _____ Calibration Date(s): 3/28/2024 : _____

Calibration Time(s): 10:06 _____

LAB FILE ID:		RRFAL1 = BN030517.D		RRFAL2 = BN030518.D		RRFAL3 = BN030519.D		
		RRFAL4 = BN030520.D		RRFAL5 = BN030521.D		RRFAL6 = BN030522.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.387	1.412	1.421	1.276	1.036		1.306	12.4
4-Chlorophenyl-phenylether	0.681	0.692	0.694	0.622	0.515		0.641	11.9
4-Nitroaniline		0.257	0.309	0.287	0.247	0.219	0.264	13.3
4,6-Dinitro-2-methylphenol		0.068	0.088	0.105	0.106	0.108	0.095	18.0
N-Nitrosodiphenylamine	0.519	0.565	0.580	0.563	0.496		0.545	6.5
1,2,4,5-Tetrachlorobenzene	0.514	0.520	0.537	0.520	0.489		0.516	3.3
4-Bromophenyl-phenylether	0.179	0.190	0.196	0.200	0.184		0.190	4.6
Hexachlorobenzene	0.219	0.230	0.240	0.227	0.203		0.224	6.1
Atrazine		0.180	0.199	0.204	0.187	0.174	0.189	6.6
Pentachlorophenol		0.104	0.129	0.145	0.143	0.139	0.132	12.6
2-Methylphenol		1.203	1.339	1.349	1.327	1.275	1.299	4.7
Phenanthrene	1.042	1.091	1.079	1.030	0.897		1.028	7.5
Pentachlorobenzene	0.241	0.257	0.262	0.250	0.238		0.250	4.1
Anthracene	1.031	1.101	1.105	1.068	0.889		1.039	8.6
1,2,3,4-Tetrachlorobenzene	0.235	0.249	0.250	0.251	0.244		0.246	2.8
Carbazole		0.982	1.004	0.962	0.837	0.770	0.911	11.2
Di-n-butylphthalate	0.932	1.108	1.226	1.225	1.066		1.111	11.1
Fluoranthene	1.229	1.284	1.352	1.315	1.212		1.278	4.6
Pyrene	1.373	1.392	1.407	1.353	1.226		1.350	5.4
Butylbenzylphthalate	0.380	0.467	0.563	0.579	0.589		0.516	17.4
3,3-Dichlorobenzidine		0.352	0.415	0.408	0.359	0.302	0.367	12.5
2,2-oxybis (1-Chloropropane)		1.972	2.057	1.999	1.877	1.771	1.935	5.8
Benzo (a) anthracene	1.305	1.335	1.403	1.362	1.268		1.335	3.9
Chrysene	1.257	1.278	1.320	1.254	1.191		1.260	3.7
Bis (2-ethylhexyl) phthalate	0.585	0.729	0.863	0.856	0.769		0.760	14.9
Di-n-octyl phthalate		1.024	1.302	1.375	1.281	1.350	1.267	11.1
Benzo (b) fluoranthene	1.063	1.189	1.287	1.195	1.151		1.177	6.9
Benzo (k) fluoranthene	1.111	1.225	1.290	1.233	1.117		1.195	6.6
Benzo (a) pyrene	0.990	1.127	1.199	1.163	1.080		1.112	7.3
Indeno (1,2,3-cd) pyrene	0.968	1.129	1.297	1.296	1.320		1.202	12.6
Dibenzo (a,h) anthracene	0.842	0.964	1.084	1.089	1.080		1.012	10.7
Benzo (g,h,i) perylene	0.774	0.894	1.010	1.017	1.023		0.944	11.5
Acetophenone		2.214	2.327	2.247	2.038	1.879	2.141	8.4
2,3,4,6-Tetrachlorophenol	0.249	0.283	0.318	0.339	0.323		0.303	11.9
1,4-Dioxane-d8	0.444	0.425	0.446	0.409	0.410		0.427	4.2
Pyridine-d5		1.258	1.282	1.303	1.284	1.268	1.279	1.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN032824 SAS No.: BN032824 SDG No.: BN032824
Instrument ID: _____ Calibration Date(s): 3/28/2024 : _____
Calibration Time(s): 10:06 _____

LAB FILE ID:		RRFAL1 = BN030517.D			RRFAL2 = BN030518.D		RRFAL3 = BN030519.D	
		RRFAL4 = BN030520.D			RRFAL5 = BN030521.D		RRFAL6 = BN030522.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.481	1.657	1.667	1.660	1.624	1.618	4.8
Bis-(2-Chloroethyl)ether-d8		1.009	1.062	1.026	0.974	0.926	0.999	5.2
2-Chlorophenol-d4	1.052	1.174	1.295	1.315	1.301		1.227	9.2
4-Methylphenol-d8		1.236	1.403	1.405	1.389	1.347	1.356	5.2
Nitrobenzene-d5	0.119	0.129	0.146	0.148	0.151		0.139	10.0
2-Nitrophenol-d4	0.086	0.105	0.132	0.151	0.160		0.127	24.4
2,4-Dichlorophenol-d3	0.237	0.265	0.295	0.300	0.293		0.278	9.7
4-Chloroaniline-d4		0.452	0.483	0.483	0.452	0.417	0.457	6.0
4-Methylphenol		1.369	1.515	1.504	1.455	1.427	1.454	4.1
Dimethylphthalate-d6	1.272	1.365	1.408	1.360	1.271		1.335	4.6
Acenaphthylene-d8	1.418	1.550	1.646	1.596	1.467		1.535	6.1
4-Nitrophenol-d4		0.219	0.264	0.277	0.265	0.252	0.255	8.7
Fluorene-d10	1.171	1.209	1.236	1.182	1.045		1.169	6.3
4,6-Dinitro-2-methylphenol-		0.059	0.078	0.095	0.104	0.105	0.088	22.0
Anthracene-d10	0.828	0.893	0.909	0.896	0.783		0.862	6.2
Pyrene-d10	1.039	1.067	1.127	1.091	1.053		1.075	3.2
Benzo(a)pyrene-d12	0.783	0.893	0.982	1.000	0.949		0.922	9.5
N-Nitroso-di-n-propylamine	0.960	1.079	1.165	1.149	1.037		1.078	7.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020212 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 09:59

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	235146	7.716	1.10926e+01	10.50	794254	14.36
	UPPER LIMIT	470292	8.216	2218520	11.004	1588508	14.857
	LOWER LIMIT	117573	7.216	554630	10.004	397127	13.857
	EPA SAMPLE NO.						
01	SBLK989	226469	7.68	1.17663e	10.46	852215	14.32
02	E07D1MS	326570	7.68	1.65595e	10.46	1.13876e	14.33
03	E07D1MSD	269141	7.68	1.35439e	10.46	946165	14.33
04	C0AK0	199053	7.68	935936	10.46	676880	14.32
05	C0AJ9DL	173549	7.68	827899	10.46	608107	14.32
06	C0AJ8DL	192131	7.68	897877	10.46	652393	14.32
07	SBLK094	169030	7.68	784967	10.46	558139	14.32
08	SBLK103	164303	7.68	760290	10.46	539295	14.32
09	E0MC0	141254	7.68	644413	10.46	453582	14.32
10	E0MCOMS	196500	7.68	916560	10.46	624263	14.32
11	E0MCOMSD	175659	7.68	812716	10.46	556289	14.32
12	YCSW1	149838	7.68	705528	10.46	505870	14.32
13	E0MC3	146318	7.68	690324	10.46	496888	14.32
14	E0MC4	166489	7.68	767644	10.46	544463	14.32
15	E0MC5	169261	7.68	794439	10.46	569412	14.32
16	E0MC6	158590	7.68	735405	10.46	519123	14.32
17	SLCS094	167803	7.68	786505	10.46	549914	14.32
18	SLCS103	164808	7.68	780649	10.46	545406	14.32



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020212 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 02:27

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	235146	7.716	1.10926e+06	10.50	794254	14.36
UPPER LIMIT	470292	8.216	2218520	11.004	1588508	14.857
LOWER LIMIT	117573	7.216	554630	10.004	397127	13.857
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.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020350 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030788.D Time Analyzed: 09:59

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	206534	7.681	990199	10.46	694594	14.32
UPPER LIMIT	413068	8.181	1980398	10.963	1389188	14.822
LOWER LIMIT	103267	7.181	495099.5	9.963	347297	13.822
EPA SAMPLE NO.						
01 SBLK989	226469	7.68	1.17663e	10.46	852215	14.32
02 E07D1MS	326570	7.68	1.65595e	10.46	1.13876e	14.33
03 E07D1MSD	269141	7.68	1.35439e	10.46	946165	14.33
04 C0AK0	199053	7.68	935936	10.46	676880	14.32
05 C0AJ9DL	173549	7.68	827899	10.46	608107	14.32
06 C0AJ8DL	192131	7.68	897877	10.46	652393	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020351 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030795.D Time Analyzed: 19:13

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	193276	7.681	909032	10.46	626830	14.32
UPPER LIMIT	386552	8.181	1818064	10.963	1253660	14.822
LOWER LIMIT	96638	7.181	454516	9.963	313415	13.822
EPA SAMPLE NO.						
01 SBLK094	169030	7.68	784967	10.46	558139	14.32
02 SBLK103	164303	7.68	760290	10.46	539295	14.32
03 E0MC0	141254	7.68	644413	10.46	453582	14.32
04 E0MCOMS	196500	7.68	916560	10.46	624263	14.32
05 E0MCOMSD	175659	7.68	812716	10.46	556289	14.32
06 YCSW1	149838	7.68	705528	10.46	505870	14.32
07 E0MC3	146318	7.68	690324	10.46	496888	14.32
08 E0MC4	166489	7.68	767644	10.46	544463	14.32
09 E0MC5	169261	7.68	794439	10.46	569412	14.32
10 E0MC6	158590	7.68	735405	10.46	519123	14.32
11 SLCS094	167803	7.68	786505	10.46	549914	14.32
12 SLCS103	164808	7.68	780649	10.46	545406	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020212 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 09:59

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	1.69457e+0	17.104	1.5764e+0	21.345	1.62984e+0	24.304
	UPPER LIMIT	3389140	17.604	3152800	21.845	3259680	24.804
	LOWER LIMIT	847285	16.604	788200	20.845	814920	23.804
	EPA SAMPLE NO.						
01	SBLK989	1.88483	17.08	1.83738e+	21.31	1.9119e+0	24.25
02	E07D1MS	2.45042	17.08	2.17418e+	21.32	2.5637e+0	24.26
03	E07D1MSD	2.0561e	17.08	1.84791e+	21.32	2.09749e+	24.25
04	C0AK0	1.47515	17.08	1.39902e+	21.31	1.37686e+	24.24
05	C0AJ9DL	1.38332	17.08	1.31983e+	21.32	1.35653e+	24.25
06	C0AJ8DL	1.44689	17.08	1.34184e+	21.31	1.25855e+	24.25
07	SBLK094	1.24102	17.08	1.15088e+	21.31	1.19788e+	24.25
08	SBLK103	1.19927	17.08	1.128e+00	21.31	1.16853e+	24.25
09	E0MC0	1.01712	17.07	1.06302e+	21.31	1.21008e+	24.24
10	E0MC0MS	1.36572	17.08	1.29062e+	21.32	1.49454e+	24.25
11	E0MC0MSD	1.19207	17.08	1.15407e+	21.32	1.3116e+0	24.25
12	YCSW1	1.11785	17.07	1.0778e+0	21.30	1.16855e+	24.24
13	E0MC3	1.10629	17.07	1.04934e+	21.30	1.14344e+	24.24
14	E0MC4	1.18585	17.07	1.10864e+	21.30	1.16741e+	24.24
15	E0MC5	1.24118	17.07	1.22738e+	21.30	1.30576e+	24.24
16	E0MC6	1.16548	17.07	1.14192e+	21.30	1.19328e+	24.23
17	SLCS094	1.20162	17.08	1.22479e+	21.31	1.3174e+0	24.25
18	SLCS103	1.18319	17.07	1.16897e+	21.31	1.33651e+	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020212 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 02:27

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	1.69457e+04	17.104	1.5764e+04	21.345	1.62984e+04	24.304
UPPER LIMIT	3389140	17.604	3152800	21.845	3259680	24.804
LOWER LIMIT	847285	16.604	788200	20.845	814920	23.804
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.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020350 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030788.D Time Analyzed: 09:59

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	1.52366e+0	17.075	1.4008e+0	21.31	1.53408e+0	24.239
UPPER LIMIT	3047320	17.575	2801600	21.81	3068160	24.739
LOWER LIMIT	761830	16.575	700400	20.81	767040	23.739
EPA SAMPLE NO.						
01 SBLK989	1.88483	17.08	1.83738e+	21.31	1.9119e+0	24.25
02 E07D1MS	2.45042	17.08	2.17418e+	21.32	2.5637e+0	24.26
03 E07D1MSD	2.0561e	17.08	1.84791e+	21.32	2.09749e+	24.25
04 C0AK0	1.47515	17.08	1.39902e+	21.31	1.37686e+	24.24
05 C0AJ9DL	1.38332	17.08	1.31983e+	21.32	1.35653e+	24.25
06 C0AJ8DL	1.44689	17.08	1.34184e+	21.31	1.25855e+	24.25

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.: BN040924 SAS No.: BN040924 SDG NO.: BN040924

EPA Sample No.: SSTD020351 Date Analyzed: Apr 9 2024 12:00AM

Lab File ID: BN030795.D Time Analyzed: 19:13

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	1.3668e+00	17.075	1.27727e+	21.316	1.39989e+00	24.251
	UPPER LIMIT	2733600	17.575	2554540	21.816	2799780	24.751
	LOWER LIMIT	683400	16.575	638635	20.816	699945	23.751
	EPA SAMPLE NO.						
01	SBLK094	1.24102	17.08	1.15088e+	21.31	1.19788e+	24.25
02	SBLK103	1.19927	17.08	1.128e+00	21.31	1.16853e+	24.25
03	E0MC0	1.01712	17.07	1.06302e+	21.31	1.21008e+	24.24
04	E0MCOMS	1.36572	17.08	1.29062e+	21.32	1.49454e+	24.25
05	E0MCOMSD	1.19207	17.08	1.15407e+	21.32	1.3116e+0	24.25
06	YCSW1	1.11785	17.07	1.0778e+0	21.30	1.16855e+	24.24
07	E0MC3	1.10629	17.07	1.04934e+	21.30	1.14344e+	24.24
08	E0MC4	1.18585	17.07	1.10864e+	21.30	1.16741e+	24.24
09	E0MC5	1.24118	17.07	1.22738e+	21.30	1.30576e+	24.24
10	E0MC6	1.16548	17.07	1.14192e+	21.30	1.19328e+	24.23
11	SLCS094	1.20162	17.08	1.22479e+	21.31	1.3174e+0	24.25
12	SLCS103	1.18319	17.07	1.16897e+	21.31	1.33651e+	24.24

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.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160094BS	1,4-Dioxane	16	9.9	ug/L	62				0	0		
	Benzaldehyde	40	40	ug/L	100				0	0		
	Pyridine	40	30	ug/L	75				0	0		
	Phenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0		
	2-Chlorophenol	40	33	ug/L	83				0	0		
	2-Methylphenol	40	32	ug/L	80				0	0		
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0		
	Acetophenone	40	32	ug/L	80				0	0		
	4-Methylphenol	40	33	ug/L	83				0	0		
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0		
	Hexachloroethane	40	31	ug/L	78				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	31	ug/L	78				0	0		
	2-Nitrophenol	40	36	ug/L	90				0	0		
	2,4-Dimethylphenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0		
	2,4-Dichlorophenol	40	33	ug/L	83				0	0		
	Naphthalene	40	31	ug/L	78				0	0		
	4-Chloroaniline	40	29	ug/L	73				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0		
	1-Methylnaphthalene	40	32	ug/L	80				0	0		
	2-Methylnaphthalene	40	32	ug/L	80				0	0		
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0		
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0		
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0		
	1,1'-Biphenyl	40	32	ug/L	80				0	0		
	2-Chloronaphthalene	40	32	ug/L	80				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	32	ug/L	80				0	0		
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0		
	Acenaphthylene	40	32	ug/L	80				0	0		
	3-Nitroaniline	40	39	ug/L	98				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	35	ug/L	88				0	0		
	4-Nitrophenol	40	34	ug/L	85				0	0		
	Dibenzofuran	40	32	ug/L	80				0	0		
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0		
	Diethylphthalate	40	33	ug/L	83				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0		
	4-Nitroaniline	40	44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160094BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	32	ug/L	80				0	0		
	Pentachlorophenol	40	34	ug/L	85				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	31	ug/L	78				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	35	ug/L	88				0	0		
	Fluoranthene	40	31	ug/L	78				0	0		
	Pyrene	40	32	ug/L	80				0	0		
	Butylbenzylphthalate	40	35	ug/L	88				0	0		
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	32	ug/L	80				0	0		
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0		
	Di-n-octylphthalate	40	34	ug/L	85				0	0		
	Benzo(b)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(k)fluoranthene	40	32	ug/L	80				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0		
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160103BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	42	ug/L	105				0	0		
	Pyridine	40	31	ug/L	78				0	0		
	Phenol	40	34	ug/L	85				0	0		
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0		
	2-Chlorophenol	40	35	ug/L	88				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				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	32	ug/L	80				0	0		
	Hexachloroethane	40	32	ug/L	80				0	0		
	Nitrobenzene	40	32	ug/L	80				0	0		
	Isophorone	40	32	ug/L	80				0	0		
	2-Nitrophenol	40	38	ug/L	95				0	0		
	2,4-Dimethylphenol	40	31	ug/L	78				0	0		
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0		
	2,4-Dichlorophenol	40	35	ug/L	88				0	0		
	Naphthalene	40	32	ug/L	80				0	0		
	4-Chloroaniline	40	30	ug/L	75				0	0		
	Hexachlorobutadiene	40	31	ug/L	78				0	0		
	Caprolactam	40	35	ug/L	88				0	0		
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0		
	1-Methylnaphthalene	40	33	ug/L	83				0	0		
	2-Methylnaphthalene	40	33	ug/L	83				0	0		
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0		
	2,4,6-Trichlorophenol	40	36	ug/L	90				0	0		
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0		
	1,1'-Biphenyl	40	32	ug/L	80				0	0		
	2-Chloronaphthalene	40	33	ug/L	83				0	0		
	2-Nitroaniline	40	36	ug/L	90				0	0		
	Dimethylphthalate	40	33	ug/L	83				0	0		
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0		
	Acenaphthylene	40	33	ug/L	83				0	0		
	3-Nitroaniline	40	40	ug/L	100				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	36	ug/L	90				0	0		
	4-Nitrophenol	40	35	ug/L	88				0	0		
	Dibenzofuran	40	33	ug/L	83				0	0		
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	45	ug/L	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160103BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0	
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	31	ug/L	78				0	0	
	Atrazine	40	34	ug/L	85				0	0	
	Pentachlorophenol	40	36	ug/L	90				0	0	
	Phenanthrene	40	33	ug/L	83				0	0	
	Pentachlorobenzene	40	32	ug/L	80				0	0	
	Anthracene	40	33	ug/L	83				0	0	
	1,2,3,4-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	Carbazole	40	37	ug/L	93				0	0	
	Di-n-butylphthalate	40	35	ug/L	88				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	33	ug/L	83				0	0	
	Butylbenzylphthalate	40	37	ug/L	93				0	0	
	3,3'-Dichlorobenzidine	40	36	ug/L	90				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	36	ug/L	90				0	0	
	Di-n-octylphthalate	40	34	ug/L	85				0	0	
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(a)pyrene	40	30	ug/L	75				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	37	ug/L	93				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E07D1MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN040924

SAS No.: BN040924 SDG NO.: BN040924

Lab File ID: BN030790.D

Lab Sample ID: P1893-03MS

Instrument ID: BNA_N

Date Extracted: 04/03/2024

Matrix: (soil/water) water

Date Analyzed: 04/09/2024

Level: (low/med) LOW

Time Analyzed: 11:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E07D1MS	P1893-03MS	BN030790.D	04/09/2024
E07D1MSD	P1893-04MSD	BN030791.D	04/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK989

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN040924

SAS No.: BN040924 SDG NO.: BN040924

Lab File ID: BN030789.D

Lab Sample ID: PB159989BL

Instrument ID: BNA_N

Date Extracted: 04/03/2024

Matrix: (soil/water) Water

Date Analyzed: 04/09/2024

Level: (low/med) LOW

Time Analyzed: 09:59

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AK0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN040924

SAS No.: BN040924 SDG NO.: BN040924

Lab File ID: BN030792.D

Lab Sample ID: P1970-09

Instrument ID: BNA_N

Date Extracted: 04/04/2024

Matrix: (soil/water) Water

Date Analyzed: 04/09/2024

Level: (low/med) LOW

Time Analyzed: 12:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AK0	P1970-09	BN030792.D	04/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK094

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN040924

SAS No.: BN040924 SDG NO.: BN040924

Lab File ID: BN030796.D

Lab Sample ID: PB160094BL

Instrument ID: BNA_N

Date Extracted: 04/08/2024

Matrix: (soil/water) Water

Date Analyzed: 04/09/2024

Level: (low/med) LOW

Time Analyzed: 19:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160094BS	PB160094BS	BN030806.D	04/10/2024
E0MC0	P2013-14	BN030798.D	04/09/2024
E0MC0MS	P2013-15MS	BN030799.D	04/09/2024
E0MC0MSD	P2013-16MSD	BN030800.D	04/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK103

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN040924

SAS No.: BN040924 SDG NO.: BN040924

Lab File ID: BN030797.D

Lab Sample ID: PB160103BL

Instrument ID: BNA_N

Date Extracted: 04/08/2024

Matrix: (soil/water) Water

Date Analyzed: 04/09/2024

Level: (low/med) LOW

Time Analyzed: 19:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160103BS	PB160103BS	BN030807.D	04/10/2024
YCSW1	P1973-12	BN030801.D	04/09/2024
E0MC3	P2013-19	BN030802.D	04/09/2024
E0MC4	P2013-20	BN030803.D	04/09/2024
E0MC5	P2013-21	BN030804.D	04/10/2024
E0MC6	P2013-22	BN030805.D	04/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1893-03MS	Client Sample ID:	E07D1MS				DataFile:	BN030790.D			
1,4-Dioxane	160		57	ug/L	36				15	120	
Benzaldehyde	400		480	ug/L	120				0	0	
Pyridine	400		140	ug/L	35				0	0	
Phenol	400		100	ug/L	25				12	110	
Bis(2-chloroethyl)ether	400		400	ug/L	100				0	0	
2-Chlorophenol	400		330	ug/L	83				27	123	
2-Methylphenol	400		260	ug/L	65				0	0	
2,2-oxybis(1-Chloropropane)	400		390	ug/L	98				0	0	
Acetophenone	400		430	ug/L	108				0	0	
4-Methylphenol	400		220	ug/L	55				0	0	
N-Nitroso-di-n-propylamine	400		420	ug/L	105				41	116	
Hexachloroethane	400		380	ug/L	95				0	0	
Nitrobenzene	400		390	ug/L	98				0	0	
Isophorone	400		400	ug/L	100				0	0	
2-Nitrophenol	400		450	ug/L	113				0	0	
2,4-Dimethylphenol	400		260	ug/L	65				0	0	
Bis(2-chloroethoxy)methane	400		380	ug/L	95				0	0	
2,4-Dichlorophenol	400		370	ug/L	93				0	0	
Naphthalene	400		380	ug/L	95				0	0	
4-Chloroaniline	400		310	ug/L	78				0	0	
Hexachlorobutadiene	400		360	ug/L	90				0	0	
Caprolactam	400		77	ug/L	19				0	0	
4-Chloro-3-methylphenol	400		370	ug/L	93				23	97	
1-Methylnaphthalene	400		380	ug/L	95				0	0	
2-Methylnaphthalene	400		380	ug/L	95				0	0	
Hexachlorocyclopentadiene	400		300	ug/L	75				0	0	
2,4,6-Trichlorophenol	400		450	ug/L	113				0	0	
2,4,5-Trichlorophenol	400		440	ug/L	110				0	0	
1,1'-Biphenyl	400		390	ug/L	98				0	0	
2-Chloronaphthalene	400		400	ug/L	100				0	0	
2-Nitroaniline	400		500	ug/L	125				0	0	
Dimethylphthalate	400		440	ug/L	110				0	0	
2,6-Dinitrotoluene	400		520	ug/L	130				0	0	
Acenaphthylene	400		400	ug/L	100				0	0	
3-Nitroaniline	400		480	ug/L	120				0	0	
Acenaphthene	400		400	ug/L	100				46	118	
2,4-Dinitrophenol	400		590	ug/L	148				0	0	
4-Nitrophenol	400		110	ug/L	28				10	80	
Dibenzofuran	400		400	ug/L	100				0	0	
2,4-Dinitrotoluene	400		520	ug/L	130	*			24	96	
Diethylphthalate	400		450	ug/L	113				0	0	
Fluorene	400		380	ug/L	95				0	0	
4-Chlorophenyl-phenylether	400		380	ug/L	95				0	0	
4-Nitroaniline	400		570	ug/L	143				0	0	
4,6-Dinitro-2-methylphenol	400		540	ug/L	135				0	0	
N-Nitrosodiphenylamine	400		420	ug/L	105				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	400		390	ug/L	98				0	0	
4-Bromophenyl-phenylether	400		430	ug/L	108				0	0	
Hexachlorobenzene	400		430	ug/L	108				0	0	
Atrazine	400		430	ug/L	108				0	0	
Pentachlorophenol	400		490	ug/L	123	*			9	103	
Phenanthrene	400		420	ug/L	105				0	0	
Pentachlorobenzene	400		400	ug/L	100				0	0	
Anthracene	400		400	ug/L	100				0	0	
1,2,3,4-Tetrachlorobenzene	400		400	ug/L	100				0	0	
Carbazole	400		460	ug/L	115				0	0	
Di-n-butylphthalate	400		470	ug/L	117				0	0	
Fluoranthene	400		450	ug/L	113				0	0	
Pyrene	400		420	ug/L	105				26	127	
Butylbenzylphthalate	400		540	ug/L	135				0	0	
3,3'-Dichlorobenzidine	400		410	ug/L	103				0	0	
Benzo(a)anthracene	400		430	ug/L	108				0	0	
Chrysene	400		440	ug/L	110				0	0	
Bis(2-ethylhexyl)phthalate	400		480	ug/L	120				0	0	
Di-n-octylphthalate	400		480	ug/L	120				0	0	
Benzo(b)fluoranthene	400		460	ug/L	115				0	0	
Benzo(k)fluoranthene	400		430	ug/L	108				0	0	
Benzo(a)pyrene	400		450	ug/L	113				0	0	
Indeno(1,2,3-cd)pyrene	400		490	ug/L	123				0	0	
Dibenzo(a,h)anthracene	400		480	ug/L	120				0	0	
Benzo(g,h,i)perylene	400		500	ug/L	125				0	0	
2,3,4,6-Tetrachlorophenol	400		490	ug/L	123				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1893-04MSD	Client Sample ID:	E07D1MSD					DataFile:	BN030791.D		
1,4-Dioxane	160		56	ug/L	35		3		15	120	50
Benzaldehyde	400		480	ug/L	120		0		0	0	0
Pyridine	400		140	ug/L	35		0		0	0	0
Phenol	400		99	ug/L	25		0		12	110	42
Bis(2-chloroethyl)ether	400		400	ug/L	100		0		0	0	0
2-Chlorophenol	400		330	ug/L	83		0		27	123	40
2-Methylphenol	400		250	ug/L	63		3	*	0	0	0
2,2-oxybis(1-Chloropropane)	400		370	ug/L	93		5	*	0	0	0
Acetophenone	400		430	ug/L	108		0		0	0	0
4-Methylphenol	400		220	ug/L	55		0		0	0	0
N-Nitroso-di-n-propylamine	400		420	ug/L	105		0		41	116	38
Hexachloroethane	400		370	ug/L	93		2	*	0	0	0
Nitrobenzene	400		400	ug/L	100		2	*	0	0	0
Isophorone	400		410	ug/L	103		3	*	0	0	0
2-Nitrophenol	400		450	ug/L	113		0		0	0	0
2,4-Dimethylphenol	400		250	ug/L	63		3	*	0	0	0
Bis(2-chloroethoxy)methane	400		380	ug/L	95		0		0	0	0
2,4-Dichlorophenol	400		370	ug/L	93		0		0	0	0
Naphthalene	400		380	ug/L	95		0		0	0	0
4-Chloroaniline	400		320	ug/L	80		3	*	0	0	0
Hexachlorobutadiene	400		370	ug/L	93		3	*	0	0	0
Caprolactam	400		76	ug/L	19		0		0	0	0
4-Chloro-3-methylphenol	400		370	ug/L	93		0		23	97	42
1-Methylnaphthalene	400		380	ug/L	95		0		0	0	0
2-Methylnaphthalene	400		390	ug/L	98		3	*	0	0	0
Hexachlorocyclopentadiene	400		310	ug/L	78		4	*	0	0	0
2,4,6-Trichlorophenol	400		450	ug/L	113		0		0	0	0
2,4,5-Trichlorophenol	400		440	ug/L	110		0		0	0	0
1,1'-Biphenyl	400		390	ug/L	98		0		0	0	0
2-Chloronaphthalene	400		400	ug/L	100		0		0	0	0
2-Nitroaniline	400		500	ug/L	125		0		0	0	0
Dimethylphthalate	400		440	ug/L	110		0		0	0	0
2,6-Dinitrotoluene	400		520	ug/L	130		0		0	0	0
Acenaphthylene	400		410	ug/L	103		3	*	0	0	0
3-Nitroaniline	400		500	ug/L	125		4	*	0	0	0
Acenaphthene	400		400	ug/L	100		0		46	118	31
2,4-Dinitrophenol	400		600	ug/L	150		1	*	0	0	0
4-Nitrophenol	400		110	ug/L	28		0		10	80	50
Dibenzofuran	400		400	ug/L	100		0		0	0	0
2,4-Dinitrotoluene	400		520	ug/L	130	*	0		24	96	38
Diethylphthalate	400		460	ug/L	115		2	*	0	0	0
Fluorene	400		400	ug/L	100		5	*	0	0	0
4-Chlorophenyl-phenylether	400		400	ug/L	100		5	*	0	0	0
4-Nitroaniline	400		570	ug/L	143		0		0	0	0
4,6-Dinitro-2-methylphenol	400		550	ug/L	138		2	*	0	0	0
N-Nitrosodiphenylamine	400		420	ug/L	105		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	400		390	ug/L	98		0		0	0	0
4-Bromophenyl-phenylether	400		430	ug/L	108		0		0	0	0
Hexachlorobenzene	400		440	ug/L	110		2	*	0	0	0
Atrazine	400		430	ug/L	108		0		0	0	0
Pentachlorophenol	400		490	ug/L	123	*	0		9	103	50
Phenanthrene	400		420	ug/L	105		0		0	0	0
Pentachlorobenzene	400		410	ug/L	103		3	*	0	0	0
Anthracene	400		410	ug/L	103		3	*	0	0	0
1,2,3,4-Tetrachlorobenzene	400		390	ug/L	98		2	*	0	0	0
Carbazole	400		450	ug/L	113		2	*	0	0	0
Di-n-butylphthalate	400		480	ug/L	120		3	*	0	0	0
Fluoranthene	400		440	ug/L	110		3	*	0	0	0
Pyrene	400		440	ug/L	110		5		26	127	31
Butylbenzylphthalate	400		540	ug/L	135		0		0	0	0
3,3'-Dichlorobenzidine	400		420	ug/L	105		2	*	0	0	0
Benzo(a)anthracene	400		440	ug/L	110		2	*	0	0	0
Chrysene	400		450	ug/L	113		3	*	0	0	0
Bis(2-ethylhexyl)phthalate	400		500	ug/L	125		4	*	0	0	0
Di-n-octylphthalate	400		510	ug/L	128		6	*	0	0	0
Benzo(b)fluoranthene	400		450	ug/L	113		2	*	0	0	0
Benzo(k)fluoranthene	400		450	ug/L	113		5	*	0	0	0
Benzo(a)pyrene	400		450	ug/L	113		0		0	0	0
Indeno(1,2,3-cd)pyrene	400		460	ug/L	115		7	*	0	0	0
Dibenzo(a,h)anthracene	400		460	ug/L	115		4	*	0	0	0
Benzo(g,h,i)perylene	400		460	ug/L	115		8	*	0	0	0
2,3,4,6-Tetrachlorophenol	400		480	ug/L	120		2	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2013-15MS	Client Sample ID:	E0MC0MS					DataFile:	BN030799.D		
1,4-Dioxane	16		4.5	ug/L	28				15	120	
Benzaldehyde	40		46	ug/L	115				0	0	
Pyridine	40		13	ug/L	33				0	0	
Phenol	40		9.3	ug/L	23				12	110	
Bis(2-chloroethyl)ether	40		35	ug/L	88				0	0	
2-Chlorophenol	40		30	ug/L	75				27	123	
2-Methylphenol	40		23	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	40		32	ug/L	80				0	0	
Acetophenone	40		37	ug/L	93				0	0	
4-Methylphenol	40		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40		37	ug/L	93				41	116	
Hexachloroethane	40		25	ug/L	63				0	0	
Nitrobenzene	40		36	ug/L	90				0	0	
Isophorone	40		38	ug/L	95				0	0	
2-Nitrophenol	40		40	ug/L	100				0	0	
2,4-Dimethylphenol	40		29	ug/L	73				0	0	
Bis(2-chloroethoxy)methane	40		36	ug/L	90				0	0	
2,4-Dichlorophenol	40		35	ug/L	88				0	0	
Naphthalene	40		33	ug/L	83				0	0	
4-Chloroaniline	40		32	ug/L	80				0	0	
Hexachlorobutadiene	40		27	ug/L	68				0	0	
Caprolactam	40		5.9	ug/L	15				0	0	
4-Chloro-3-methylphenol	40		36	ug/L	90				23	97	
1-Methylnaphthalene	40		37	ug/L	93				0	0	
2-Methylnaphthalene	40		36	ug/L	90				0	0	
Hexachlorocyclopentadiene	40		23	ug/L	58				0	0	
2,4,6-Trichlorophenol	40		44	ug/L	110				0	0	
2,4,5-Trichlorophenol	40		42	ug/L	105				0	0	
1,1'-Biphenyl	40		39	ug/L	98				0	0	
2-Chloronaphthalene	40		38	ug/L	95				0	0	
2-Nitroaniline	40		47	ug/L	117				0	0	
Dimethylphthalate	40		41	ug/L	103				0	0	
2,6-Dinitrotoluene	40		46	ug/L	115				0	0	
Acenaphthylene	40		40	ug/L	100				0	0	
3-Nitroaniline	40		48	ug/L	120				0	0	
Acenaphthene	40		39	ug/L	98				46	118	
2,4-Dinitrophenol	40		48	ug/L	120				0	0	
4-Nitrophenol	40		10	ug/L	25				10	80	
Dibenzofuran	40		40	ug/L	100				0	0	
2,4-Dinitrotoluene	40		48	ug/L	120		*		24	96	
Diethylphthalate	40		42	ug/L	105				0	0	
Fluorene	40		41	ug/L	103				0	0	
4-Chlorophenyl-phenylether	40		39	ug/L	98				0	0	
4-Nitroaniline	40		53	ug/L	133				0	0	
4,6-Dinitro-2-methylphenol	40		47	ug/L	117				0	0	
N-Nitrosodiphenylamine	40		41	ug/L	103				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		38	ug/L	95				0	0	
4-Bromophenyl-phenylether	40		41	ug/L	103				0	0	
Hexachlorobenzene	40		38	ug/L	95				0	0	
Atrazine	40		43	ug/L	108				0	0	
Pentachlorophenol	40		43	ug/L	108	*			9	103	
Phenanthrene	40		41	ug/L	103				0	0	
Pentachlorobenzene	40		39	ug/L	98				0	0	
Anthracene	40		41	ug/L	103				0	0	
1,2,3,4-Tetrachlorobenzene	40		38	ug/L	95				0	0	
Carbazole	40		45	ug/L	113				0	0	
Di-n-butylphthalate	40		45	ug/L	113				0	0	
Fluoranthene	40		41	ug/L	103				0	0	
Pyrene	40		41	ug/L	103				26	127	
Butylbenzylphthalate	40		49	ug/L	123				0	0	
3,3'-Dichlorobenzidine	40		40	ug/L	100				0	0	
Benzo(a)anthracene	40		42	ug/L	105				0	0	
Chrysene	40		43	ug/L	108				0	0	
Bis(2-ethylhexyl)phthalate	40		47	ug/L	117				0	0	
Di-n-octylphthalate	40		46	ug/L	115				0	0	
Benzo(b)fluoranthene	40		42	ug/L	105				0	0	
Benzo(k)fluoranthene	40		42	ug/L	105				0	0	
Benzo(a)pyrene	40		38	ug/L	95				0	0	
Indeno(1,2,3-cd)pyrene	40		44	ug/L	110				0	0	
Dibenzo(a,h)anthracene	40		42	ug/L	105				0	0	
Benzo(g,h,i)perylene	40		42	ug/L	105				0	0	
2,3,4,6-Tetrachlorophenol	40		46	ug/L	115				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2013-16MSD	Client Sample ID:	E0MC0MSD					DataFile:	BN030800.D		
1,4-Dioxane	16		5.7	ug/L	36		25		15	120	50
Benzaldehyde	40		55	ug/L	138		18	*	0	0	0
Pyridine	40		15	ug/L	38		14	*	0	0	0
Phenol	40		11	ug/L	28		20		12	110	42
Bis(2-chloroethyl)ether	40		43	ug/L	108		20	*	0	0	0
2-Chlorophenol	40		36	ug/L	90		18		27	123	40
2-Methylphenol	40		28	ug/L	70		19	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		39	ug/L	98		20	*	0	0	0
Acetophenone	40		44	ug/L	110		17	*	0	0	0
4-Methylphenol	40		25	ug/L	63		19	*	0	0	0
N-Nitroso-di-n-propylamine	40		44	ug/L	110		17		41	116	38
Hexachloroethane	40		30	ug/L	75		17	*	0	0	0
Nitrobenzene	40		44	ug/L	110		20	*	0	0	0
Isophorone	40		46	ug/L	115		19	*	0	0	0
2-Nitrophenol	40		50	ug/L	125		22	*	0	0	0
2,4-Dimethylphenol	40		35	ug/L	88		19	*	0	0	0
Bis(2-chloroethoxy)methane	40		43	ug/L	108		18	*	0	0	0
2,4-Dichlorophenol	40		44	ug/L	110		22	*	0	0	0
Naphthalene	40		40	ug/L	100		19	*	0	0	0
4-Chloroaniline	40		40	ug/L	100		22	*	0	0	0
Hexachlorobutadiene	40		33	ug/L	83		20	*	0	0	0
Caprolactam	40		7.4	ug/L	19		24	*	0	0	0
4-Chloro-3-methylphenol	40		43	ug/L	108	*	18		23	97	42
1-Methylnaphthalene	40		44	ug/L	110		17	*	0	0	0
2-Methylnaphthalene	40		44	ug/L	110		20	*	0	0	0
Hexachlorocyclopentadiene	40		29	ug/L	73		23	*	0	0	0
2,4,6-Trichlorophenol	40		52	ug/L	130		17	*	0	0	0
2,4,5-Trichlorophenol	40		52	ug/L	130		21	*	0	0	0
1,1'-Biphenyl	40		47	ug/L	117		18	*	0	0	0
2-Chloronaphthalene	40		46	ug/L	115		19	*	0	0	0
2-Nitroaniline	40		58	ug/L	145		21	*	0	0	0
Dimethylphthalate	40		50	ug/L	125		19	*	0	0	0
2,6-Dinitrotoluene	40		57	ug/L	143		22	*	0	0	0
Acenaphthylene	40		47	ug/L	117		16	*	0	0	0
3-Nitroaniline	40		58	ug/L	145		19	*	0	0	0
Acenaphthene	40		48	ug/L	120	*	20		46	118	31
2,4-Dinitrophenol	40		60	ug/L	150		22	*	0	0	0
4-Nitrophenol	40		13	ug/L	33		28		10	80	50
Dibenzofuran	40		48	ug/L	120		18	*	0	0	0
2,4-Dinitrotoluene	40		58	ug/L	145	*	19		24	96	38
Diethylphthalate	40		51	ug/L	128		20	*	0	0	0
Fluorene	40		48	ug/L	120		15	*	0	0	0
4-Chlorophenyl-phenylether	40		47	ug/L	117		18	*	0	0	0
4-Nitroaniline	40		65	ug/L	163		20	*	0	0	0
4,6-Dinitro-2-methylphenol	40		60	ug/L	150		25	*	0	0	0
N-Nitrosodiphenylamine	40		50	ug/L	125		19	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		45	ug/L	113		17	*	0	0	0
4-Bromophenyl-phenylether	40		51	ug/L	128		22	*	0	0	0
Hexachlorobenzene	40		48	ug/L	120		23	*	0	0	0
Atrazine	40		53	ug/L	133		21	*	0	0	0
Pentachlorophenol	40		55	ug/L	138	*	24		9	103	50
Phenanthrene	40		50	ug/L	125		19	*	0	0	0
Pentachlorobenzene	40		48	ug/L	120		20	*	0	0	0
Anthracene	40		49	ug/L	123		18	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		48	ug/L	120		23	*	0	0	0
Carbazole	40		55	ug/L	138		20	*	0	0	0
Di-n-butylphthalate	40		55	ug/L	138		20	*	0	0	0
Fluoranthene	40		49	ug/L	123		18	*	0	0	0
Pyrene	40		50	ug/L	125		19		26	127	31
Butylbenzylphthalate	40		60	ug/L	150		20	*	0	0	0
3,3'-Dichlorobenzidine	40		48	ug/L	120		18	*	0	0	0
Benzo(a)anthracene	40		50	ug/L	125		17	*	0	0	0
Chrysene	40		51	ug/L	128		17	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		55	ug/L	138		16	*	0	0	0
Di-n-octylphthalate	40		56	ug/L	140		20	*	0	0	0
Benzo(b)fluoranthene	40		50	ug/L	125		17	*	0	0	0
Benzo(k)fluoranthene	40		50	ug/L	125		17	*	0	0	0
Benzo(a)pyrene	40		46	ug/L	115		19	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		53	ug/L	133		19	*	0	0	0
Dibenzo(a,h)anthracene	40		51	ug/L	128		20	*	0	0	0
Benzo(g,h,i)perylene	40		51	ug/L	128		20	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		55	ug/L	138		18	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1893-03MS	E07D1MS	BN030790.D	1,4-Dioxane-d8	80	37.60	47		15	120
			Pyridine-d5	400	136.56	34		20	120
			Phenol-d5	400	98.64	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	409.91	102		25	120
			2-Chlorophenol-d4	400	346.86	86		20	130
			4-Methylphenol-d8	400	227.80	57		25	125
			Nitrobenzene-d5	400	439.92	110		20	125
			2-Nitrophenol-d4	400	509.24	127		20	130
			2,4-Dichlorophenol-d3	400	395.18	98		20	120
			4-Chloroaniline-d4	400	329.58	82		1	146
			Dimethylphthalate-d6	400	455.54	113		25	130
			Acenaphthylene-d8	400	422.50	105		10	130
			4-Nitrophenol-d4	400	116.01	29		10	150
			Fluorene-d10	400	423.12	105		25	125
			4,6-Dinitro-2-methylphenol-d2	400	574.51	143	*	10	130
			Anthracene-d10	400	429.74	107		25	130
			Pyrene-d10	400	458.36	114		15	130
			Benzo(a)pyrene-d12	400	478.10	119		20	130
P1893-04MSD	E07D1MSD	BN030791.D	1,4-Dioxane-d8	80	38.47	48		15	120
			Pyridine-d5	400	134.32	33		20	120
			Phenol-d5	400	97.84	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	401.00	100		25	120
			2-Chlorophenol-d4	400	343.42	85		20	130
			4-Methylphenol-d8	400	226.23	56		25	125
			Nitrobenzene-d5	400	441.14	110		20	125
			2-Nitrophenol-d4	400	504.17	126		20	130
			2,4-Dichlorophenol-d3	400	397.16	99		20	120
			4-Chloroaniline-d4	400	334.04	83		1	146
			Dimethylphthalate-d6	400	457.78	114		25	130
			Acenaphthylene-d8	400	421.47	105		10	130
			4-Nitrophenol-d4	400	115.37	28		10	150
			Fluorene-d10	400	439.24	109		25	125
			4,6-Dinitro-2-methylphenol-d2	400	572.10	143	*	10	130
			Anthracene-d10	400	435.58	108		25	130
			Pyrene-d10	400	460.07	115		15	130
			Benzo(a)pyrene-d12	400	484.38	121		20	130

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159989BL	PB159989BL	BN030789.D	Pyridine-d5	40	38.91	97		20	120
			1,4-Dioxane-d8	8	9.14	114		15	120
			Phenol-d5	40	39.19	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.50	99		25	120
			2-Chlorophenol-d4	40	41.25	103		20	130
			4-Methylphenol-d8	40	39.35	98		25	125
			Nitrobenzene-d5	40	38.40	96		20	125
			2-Nitrophenol-d4	40	44.06	110		20	130
			2,4-Dichlorophenol-d3	40	37.28	93		20	120
			4-Chloroaniline-d4	40	43.72	109		1	146
			Dimethylphthalate-d6	40	37.60	94		25	130
			Acenaphthylene-d8	40	37.67	94		10	130
			4-Nitrophenol-d4	40	34.65	87		10	150
			Fluorene-d10	40	37.88	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.65	87		10	130
			Anthracene-d10	40	37.40	93		25	130
			Pyrene-d10	40	36.24	91		15	130
			Benzo(a)pyrene-d12	40	39.38	98		20	130

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1970-07DL	C0AJ8DL	BN030794.D	1,4-Dioxane-d8	8	2.27	28		15	120
			Pyridine-d5	40	11.05	28		20	120
			Phenol-d5	40	4.76	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.86	72		25	120
			2-Chlorophenol-d4	40	21.26	53		20	130
			4-Methylphenol-d8	40	11.77	29		25	125
			Nitrobenzene-d5	40	26.82	67		20	125
			2-Nitrophenol-d4	40	25.72	64		20	130
			2,4-Dichlorophenol-d3	40	23.78	59		20	120
			4-Chloroaniline-d4	40	25.14	63		1	146
			Dimethylphthalate-d6	40	31.56	79		25	130
			Acenaphthylene-d8	40	31.30	78		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	36.36	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	38.55	96		25	130
			Pyrene-d10	40	39.58	99		15	130
			Benzo(a)pyrene-d12	40	35.77	89		20	130
P1970-08DL	C0AJ9DL	BN030793.D	Pyridine-d5	40	6.09	15	*	20	120
			1,4-Dioxane-d8	8	2.30	29		15	120
			Phenol-d5	40	5.00	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.52	76		25	120
			2-Chlorophenol-d4	40	23.75	59		20	130
			4-Methylphenol-d8	40	13.07	33		25	125
			Nitrobenzene-d5	40	31.11	78		20	125
			2-Nitrophenol-d4	40	32.66	82		20	130
			2,4-Dichlorophenol-d3	40	28.25	71		20	120
			4-Chloroaniline-d4	40	23.56	59		1	146
			Dimethylphthalate-d6	40	36.38	91		25	130
			Acenaphthylene-d8	40	34.20	86		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	37.78	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.85	60		10	130
			Anthracene-d10	40	39.45	99		25	130
			Pyrene-d10	40	39.26	98		15	130
			Benzo(a)pyrene-d12	40	38.22	96		20	130
P1970-09	C0AK0	BN030792.D	Pyridine-d5	40	21.18	53		20	120
			1,4-Dioxane-d8	8	7.68	96		15	120
			Phenol-d5	40	11.85	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	56.25	141	*	25	120
			2-Chlorophenol-d4	40	47.63	119		20	130
			4-Methylphenol-d8	40	29.93	75		25	125
			Nitrobenzene-d5	40	65.21	163	*	20	125
			2-Nitrophenol-d4	40	76.08	190	*	20	130
			2,4-Dichlorophenol-d3	40	58.72	147	*	20	120
			4-Chloroaniline-d4	40	38.59	96		1	146
			Dimethylphthalate-d6	40	64.29	161	*	25	130
			Acenaphthylene-d8	40	62.93	157	*	10	130
			4-Nitrophenol-d4	40	10.26	26		10	150



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

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1970-09	C0AK0	BN030792.D	Fluorene-d10	40	63.30	158	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	70.63	177	*	10	130
			Anthracene-d10	40	63.91	160	*	25	130
			Pyrene-d10	40	62.68	157	*	15	130
			Benzo(a)pyrene-d12	40	71.21	178	*	20	130

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2013-14	E0MC0	BN030798.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	11.74	29		20	120
			Phenol-d5	40	7.08	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.00	85		25	120
			2-Chlorophenol-d4	40	27.20	68		20	130
			4-Methylphenol-d8	40	17.03	43		25	125
			Nitrobenzene-d5	40	36.48	91		20	125
			2-Nitrophenol-d4	40	37.15	93		20	130
			2,4-Dichlorophenol-d3	40	32.49	81		20	120
			4-Chloroaniline-d4	40	29.56	74		1	146
			Dimethylphthalate-d6	40	41.60	104		25	130
			Acenaphthylene-d8	40	39.65	99		10	130
			4-Nitrophenol-d4	40	5.06	13		10	150
			Fluorene-d10	40	43.13	108		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.57	81		10	130
			Anthracene-d10	40	43.58	109		25	130
			Pyrene-d10	40	42.75	107		15	130
			Benzo(a)pyrene-d12	40	45.43	114		20	130
P2013-15MS	E0MC0MS	BN030799.D	1,4-Dioxane-d8	8	4.96	62		15	120
			Pyridine-d5	40	12.40	31		20	120
			Phenol-d5	40	8.80	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.18	90		25	120
			2-Chlorophenol-d4	40	30.44	76		20	130
			4-Methylphenol-d8	40	19.99	50		25	125
			Nitrobenzene-d5	40	39.90	100		20	125
			2-Nitrophenol-d4	40	43.57	109		20	130
			2,4-Dichlorophenol-d3	40	36.78	92		20	120
			4-Chloroaniline-d4	40	33.18	83		1	146
			Dimethylphthalate-d6	40	43.49	109		25	130
			Acenaphthylene-d8	40	41.75	104		10	130
			4-Nitrophenol-d4	40	10.36	26		10	150
			Fluorene-d10	40	42.45	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	48.59	121		10	130
			Anthracene-d10	40	42.65	107		25	130
			Pyrene-d10	40	42.79	107		15	130
			Benzo(a)pyrene-d12	40	44.77	112		20	130
P2013-16MSD	E0MC0MSD	BN030800.D	1,4-Dioxane-d8	8	5.71	71		15	120
			Pyridine-d5	40	15.43	39		20	120
			Phenol-d5	40	10.70	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.54	109		25	120
			2-Chlorophenol-d4	40	37.39	93		20	130
			4-Methylphenol-d8	40	24.54	61		25	125
			Nitrobenzene-d5	40	49.36	123		20	125
			2-Nitrophenol-d4	40	55.25	138	*	20	130
			2,4-Dichlorophenol-d3	40	45.64	114		20	120
			4-Chloroaniline-d4	40	39.95	100		1	146
			Dimethylphthalate-d6	40	52.63	132	*	25	130
			Acenaphthylene-d8	40	50.61	127		10	130
			4-Nitrophenol-d4	40	12.88	32		10	150

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2013-16MSD	E0MC0MSD	BN030800.D	Fluorene-d10	40	51.55	129	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	60.52	151	*	10	130
			Anthracene-d10	40	52.02	130		25	130
			Pyrene-d10	40	51.25	128		15	130
			Benzo(a)pyrene-d12	40	55.15	138	*	20	130
PB160094BL	PB160094BL	BN030796.D	Pyridine-d5	40	32.97	82		20	120
			1,4-Dioxane-d8	8	6.32	79		15	120
			Phenol-d5	40	31.36	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.26	81		25	120
			2-Chlorophenol-d4	40	33.94	85		20	130
			4-Methylphenol-d8	40	32.31	81		25	125
			Nitrobenzene-d5	40	34.27	86		20	125
			2-Nitrophenol-d4	40	38.29	96		20	130
			2,4-Dichlorophenol-d3	40	34.34	86		20	120
			4-Chloroaniline-d4	40	37.44	94		1	146
			Dimethylphthalate-d6	40	36.12	90		25	130
			Acenaphthylene-d8	40	34.76	87		10	130
			4-Nitrophenol-d4	40	29.65	74		10	150
			Fluorene-d10	40	35.96	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.09	70		10	130
			Anthracene-d10	40	36.24	91		25	130
			Pyrene-d10	40	35.47	89		15	130
			Benzo(a)pyrene-d12	40	36.85	92		20	130
			1,4-Dioxane-d8	8	7.74	97		15	120
			Pyridine-d5	40	31.09	78		20	120
			Phenol-d5	40	33.01	83		10	130
PB160094BS	PB160094BS	BN030806.D	Bis(2-Chloroethyl)ether-d8	40	31.52	79		25	120
			2-Chlorophenol-d4	40	34.80	87		20	130
			4-Methylphenol-d8	40	32.37	81		25	125
			Nitrobenzene-d5	40	33.65	84		20	125
			2-Nitrophenol-d4	40	37.82	95		20	130
			2,4-Dichlorophenol-d3	40	34.69	87		20	120
			4-Chloroaniline-d4	40	29.48	74		1	146
			Dimethylphthalate-d6	40	33.93	85		25	130
			Acenaphthylene-d8	40	33.78	84		10	130
			4-Nitrophenol-d4	40	35.03	88		10	150
			Fluorene-d10	40	34.09	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.01	88		10	130
			Anthracene-d10	40	33.50	84		25	130
			Pyrene-d10	40	31.99	80		15	130
			Benzo(a)pyrene-d12	40	34.69	87		20	130

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-12	YCSW1	BN030801.D	Pyridine-d5	40	10.24	26		20	120
			1,4-Dioxane-d8	8	4.21	53		15	120
			Phenol-d5	40	5.67	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.02	95		25	120
			2-Chlorophenol-d4	40	28.63	72		20	130
			4-Methylphenol-d8	40	15.41	39		25	125
			Nitrobenzene-d5	40	40.75	102		20	125
			2-Nitrophenol-d4	40	44.32	111		20	130
			2,4-Dichlorophenol-d3	40	35.11	88		20	120
			4-Chloroaniline-d4	40	30.79	77		1	146
			Dimethylphthalate-d6	40	43.30	108		25	130
			Acenaphthylene-d8	40	43.32	108		10	130
			4-Nitrophenol-d4	40	3.71	9	*	10	150
			Fluorene-d10	40	44.95	112		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.23	91		10	130
			Anthracene-d10	40	46.55	116		25	130
			Pyrene-d10	40	45.96	115		15	130
			Benzo(a)pyrene-d12	40	48.01	120		20	130
P2013-19	E0MC3	BN030802.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	11.12	28		20	120
			Phenol-d5	40	6.84	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.56	89		25	120
			2-Chlorophenol-d4	40	28.31	71		20	130
			4-Methylphenol-d8	40	16.83	42		25	125
			Nitrobenzene-d5	40	37.63	94		20	125
			2-Nitrophenol-d4	40	39.71	99		20	130
			2,4-Dichlorophenol-d3	40	32.62	82		20	120
			4-Chloroaniline-d4	40	28.34	71		1	146
			Dimethylphthalate-d6	40	42.07	105		25	130
			Acenaphthylene-d8	40	39.63	99		10	130
			4-Nitrophenol-d4	40	4.03	10		10	150
			Fluorene-d10	40	42.92	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.52	81		10	130
			Anthracene-d10	40	44.06	110		25	130
			Pyrene-d10	40	44.40	111		15	130
			Benzo(a)pyrene-d12	40	47.48	119		20	130
P2013-20	E0MC4	BN030803.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	11.70	29		20	120
			Phenol-d5	40	7.24	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.14	98		25	120
			2-Chlorophenol-d4	40	30.77	77		20	130
			4-Methylphenol-d8	40	18.92	47		25	125
			Nitrobenzene-d5	40	42.14	105		20	125
			2-Nitrophenol-d4	40	45.04	113		20	130
			2,4-Dichlorophenol-d3	40	36.25	91		20	120
			4-Chloroaniline-d4	40	29.47	74		1	146
			Dimethylphthalate-d6	40	43.29	108		25	130
			Acenaphthylene-d8	40	42.38	106		10	130
			4-Nitrophenol-d4	40	4.85	12		10	150

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2013-20	E0MC4	BN030803.D	Fluorene-d10	40	43.74	109		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.06	93		10	130
			Anthracene-d10	40	45.41	114		25	130
			Pyrene-d10	40	46.10	115		15	130
			Benzo(a)pyrene-d12	40	48.55	121		20	130
P2013-21	E0MC5	BN030804.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Pyridine-d5	40	8.39	21		20	120
			Phenol-d5	40	8.11	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.88	95		25	120
			2-Chlorophenol-d4	40	31.30	78		20	130
			4-Methylphenol-d8	40	19.49	49		25	125
			Nitrobenzene-d5	40	40.55	101		20	125
			2-Nitrophenol-d4	40	43.32	108		20	130
			2,4-Dichlorophenol-d3	40	36.33	91		20	120
			4-Chloroaniline-d4	40	29.13	73		1	146
			Dimethylphthalate-d6	40	41.26	103		25	130
			Acenaphthylene-d8	40	40.49	101		10	130
			4-Nitrophenol-d4	40	5.50	14		10	150
			Fluorene-d10	40	41.96	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.25	86		10	130
			Anthracene-d10	40	43.64	109		25	130
			Pyrene-d10	40	42.53	106		15	130
			Benzo(a)pyrene-d12	40	44.63	112		20	130
			1,4-Dioxane-d8	8	5.23	65		15	120
			Pyridine-d5	40	13.71	34		20	120
P2013-22	E0MC6	BN030805.D	Phenol-d5	40	9.15	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.33	101		25	120
			2-Chlorophenol-d4	40	33.54	84		20	130
			4-Methylphenol-d8	40	21.42	54		25	125
			Nitrobenzene-d5	40	42.92	107		20	125
			2-Nitrophenol-d4	40	45.46	114		20	130
			2,4-Dichlorophenol-d3	40	38.70	97		20	120
			4-Chloroaniline-d4	40	33.42	84		1	146
			Dimethylphthalate-d6	40	45.09	113		25	130
			Acenaphthylene-d8	40	43.60	109		10	130
			4-Nitrophenol-d4	40	5.86	15		10	150
			Fluorene-d10	40	46.92	117		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.05	90		10	130
			Anthracene-d10	40	46.25	116		25	130
			Pyrene-d10	40	45.97	115		15	130
			Benzo(a)pyrene-d12	40	50.00	125		20	130
			Pyridine-d5	40	34.22	86		20	120
			1,4-Dioxane-d8	8	6.59	82		15	120
			Phenol-d5	40	32.14	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.50	81		25	120
PB160103BL	PB160103BL	BN030797.D	2-Chlorophenol-d4	40	34.24	86		20	130
			4-Methylphenol-d8	40	32.49	81		25	125
			Nitrobenzene-d5	40	34.53	86		20	125
			2-Nitrophenol-d4	40	38.56	96		20	130

Surrogate Summary

SW-846

SDG No.: BN040924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160103BL	PB160103BL	BN030797.D	2,4-Dichlorophenol-d3	40	34.27	86		20	120
			4-Chloroaniline-d4	40	38.39	96		1	146
			Dimethylphthalate-d6	40	36.58	91		25	130
			Acenaphthylene-d8	40	35.92	90		10	130
			4-Nitrophenol-d4	40	29.56	74		10	150
			Fluorene-d10	40	36.26	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.86	72		10	130
			Anthracene-d10	40	36.53	91		25	130
			Pyrene-d10	40	35.67	89		15	130
			Benzo(a)pyrene-d12	40	37.06	93		20	130
PB160103BS	PB160103BS	BN030807.D	1,4-Dioxane-d8	8	8.09	101		15	120
			Pyridine-d5	40	31.86	80		20	120
			Phenol-d5	40	34.46	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.63	82		25	120
			2-Chlorophenol-d4	40	35.81	90		20	130
			4-Methylphenol-d8	40	34.39	86		25	125
			Nitrobenzene-d5	40	34.79	87		20	125
			2-Nitrophenol-d4	40	39.46	99		20	130
			2,4-Dichlorophenol-d3	40	36.24	91		20	120
			4-Chloroaniline-d4	40	30.72	77		1	146
			Dimethylphthalate-d6	40	34.89	87		25	130
			Acenaphthylene-d8	40	34.60	86		10	130
			4-Nitrophenol-d4	40	36.11	90		10	150
			Fluorene-d10	40	34.40	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.86	92		10	130
			Anthracene-d10	40	34.40	86		25	130
			Pyrene-d10	40	34.08	85		15	130
			Benzo(a)pyrene-d12	40	35.09	88		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN040924

Lab Code: CHEM

SAS No.: BN040924

SDG NO.: BN040924

Lab File ID: BN030787.D

DFTPP Injection Date: 04/09/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.9
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	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	72.3
443	15.0 - 24.0% of mass 442	13.7 (18.9) 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
SSTD020350	SSTDCCC020	BN030788.D	04/09/2024	09:20
SBLK989	PB159989BL	BN030789.D	04/09/2024	09:59
E07D1MS	P1893-03MS	BN030790.D	04/09/2024	11:19
E07D1MSD	P1893-04MSD	BN030791.D	04/09/2024	12:03
C0AK0	P1970-09	BN030792.D	04/09/2024	12:43
C0AJ9DL	P1970-08DL	BN030793.D	04/09/2024	16:20
C0AJ8DL	P1970-07DL	BN030794.D	04/09/2024	17:08
SSTD020351	SSTDCCC020	BN030795.D	04/09/2024	17:53
SBLK094	PB160094BL	BN030796.D	04/09/2024	19:13
SBLK103	PB160103BL	BN030797.D	04/09/2024	19:52
E0MC0	P2013-14	BN030798.D	04/09/2024	20:32
E0MC0MS	P2013-15MS	BN030799.D	04/09/2024	21:11
E0MC0MSD	P2013-16MSD	BN030800.D	04/09/2024	21:51
YCSW1	P1973-12	BN030801.D	04/09/2024	22:30
E0MC3	P2013-19	BN030802.D	04/09/2024	23:10
E0MC4	P2013-20	BN030803.D	04/09/2024	23:50
E0MC5	P2013-21	BN030804.D	04/10/2024	00:29
E0MC6	P2013-22	BN030805.D	04/10/2024	01:09

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN040924

Lab Code: CHEM

SAS No.: BN040924

SDG NO.: BN040924

Lab File ID: BN030787.D

DFTPP Injection Date: 04/09/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.9
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	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	72.3
443	15.0 - 24.0% of mass 442	13.7 (18.9) 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
SLCS094	PB160094BS	BN030806.D	04/10/2024	01:48
SLCS103	PB160103BS	BN030807.D	04/10/2024	02:27
SSTD020352	SSTDCCC020EC	BN030808.D	04/10/2024	03:46