

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:09:50

Lab File ID: BN030810.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020353 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	0.452	0.010	-1.1396	40.0
Benzaldehyde	0.753	0.964	0.010	27.9827	40.0
Pyridine	1.291	1.317	0.010	2.0515	40.0
Phenol	1.685	1.757	0.080	4.2518	20.0
Bis(2-Chloroethyl)ether	1.374	1.451	0.100	5.5981	20.0
2-Chlorophenol	1.317	1.447	0.200	9.8789	20.0
2-Methylphenol	1.299	1.381	0.010	6.3067	20.0
2,2-oxybis(1-Chloropropane)	1.935	1.940	0.010	0.2634	40.0
Acetophenone	2.141	2.303	0.060	7.5874	20.0
4-Methylphenol	1.454	1.534	0.010	5.5328	20.0
N-Nitroso-di-n-propylamine	1.078	1.127	0.050	4.5148	30.0
Hexachloroethane	0.552	0.592	0.100	7.3073	20.0
Nitrobenzene	0.339	0.366	0.050	8.0523	25.0
Isophorone	0.675	0.715	0.050	5.8944	25.0
2-Nitrophenol	0.149	0.179	0.050	19.8453	25.0
2,4-Dimethylphenol	0.332	0.365	0.050	10.078	25.0
Bis(2-Chloroethoxy)methane	0.429	0.455	0.050	5.9025	20.0
2,4-Dichlorophenol	0.284	0.324	0.060	14.3335	20.0
Naphthalene	1.026	1.104	0.200	7.6389	20.0
4-Chloroaniline	0.441	0.468	0.010	6.0473	40.0
Hexachlorobutadiene	0.179	0.193	0.040	8.3518	30.0
Caprolactam	0.106	0.108	0.010	1.8637	40.0
4-Chloro-3-methylphenol	0.319	0.359	0.040	12.2992	25.0
1-Methylnaphthalene	0.727	0.784	0.100	7.8294	20.0
2-Methylnaphthalene	0.716	0.781	0.100	8.9633	20.0
Hexachlorocyclopentadiene	0.293	0.287	0.010	-2.2076	40.0
2,4,6-Trichlorophenol	0.323	0.386	0.090	19.786	25.0
2,4,5-Trichlorophenol	0.364	0.427	0.100	17.1669	25.0
1,1-Biphenyl	1.363	1.519	0.200	11.4213	20.0
2-Chloronaphthalene	1.073	1.203	0.300	12.1356	20.0
2-Nitroaniline	0.286	0.331	0.050	15.8692	40.0
Dimethylphthalate	1.379	1.530	0.300	10.9529	20.0
2,6-Dinitrotoluene	0.256	0.301	0.080	17.767	30.0
Acenaphthylene	1.774	2.015	0.400	13.5805	20.0
3-Nitroaniline	0.271	0.333	0.010	22.7684	40.0
Acenaphthene	1.182	1.311	0.200	10.8912	20.0
2,4-Dinitrophenol	0.117	0.118	0.010	0.1908	40.0
4-Nitrophenol	0.202	0.220	0.010	8.6391	40.0
Dibenzofuran	1.643	1.839	0.300	11.9137	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:09:50

Lab File ID: BN030810.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020353 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	0.457	0.070	22.3314	30.0
Diethylphthalate	1.401	1.578	0.300	12.6137	20.0
Fluorene	1.306	1.448	0.200	10.8932	20.0
4-Chlorophenyl-phenylether	0.641	0.707	0.100	10.2931	20.0
4-Nitroaniline	0.264	0.365	0.010	38.354	40.0
4,6-Dinitro-2-methylphenol	0.095	0.108	0.010	13.7259	40.0
N-Nitrosodiphenylamine	0.545	0.582	0.050	6.8783	20.0
1,2,4,5-Tetrachlorobenzene	0.516	0.572	0.100	10.8884	20.0
4-Bromophenyl-phenylether	0.190	0.216	0.070	13.7875	20.0
Hexachlorobenzene	0.224	0.236	0.050	5.3237	25.0
Atrazine	0.189	0.210	0.010	11.014	25.0
Pentachlorophenol	0.132	0.146	0.010	11.1049	40.0
Phenanthrene	1.028	1.152	0.200	12.0819	20.0
Pentachlorobenzene	0.250	0.274	0.050	9.8691	20.0
Anthracene	1.039	1.154	0.200	11.1236	20.0
1,2,3,4-Tetrachlorobenzene	0.246	0.266	0.050	8.4017	20.0
Carbazole	0.911	1.077	0.050	18.2514	40.0
Di-n-butylphthalate	1.111	1.308	0.500	17.6578	25.0
Fluoranthene	1.278	1.400	0.400	9.4876	25.0
Pyrene	1.350	1.439	0.400	6.6238	25.0
Butylbenzylphthalate	0.516	0.626	0.100	21.3749	40.0
3,3-Dichlorobenzidine	0.367	0.412	0.010	12.0128	40.0
Benzo (a) anthracene	1.335	1.458	0.300	9.2552	30.0
Chrysene	1.260	1.396	0.200	10.8165	30.0
Bis(2-ethylhexyl)phthalate	0.760	0.898	0.200	18.0593	40.0
Di-n-octyl phthalate	1.267	1.441	0.010	13.8075	40.0
Benzo (b) fluoranthene	1.177	1.317	0.200	11.8962	25.0
Benzo (k) fluoranthene	1.195	1.332	0.200	11.4606	25.0
Benzo (a) pyrene	1.112	1.263	0.200	13.6081	20.0
Indeno (1,2,3-cd) pyrene	1.202	1.349	0.200	12.2422	25.0
Dibenzo (a,h) anthracene	1.012	1.139	0.200	12.6147	30.0
Benzo (g,h,i) perylene	0.944	1.087	0.200	15.1877	30.0
2,3,4,6-Tetrachlorophenol	0.303	0.363	0.040	20.0573	20.0
1,4-Dioxane-d8	0.427	0.421	0.010	-1.2862	25.0
Pyridine-d5	1.279	1.266	0.010	-0.9788	40.0
Phenol-d5	1.618	1.718	0.010	6.1781	25.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.050	0.050	5.033	25.0
2-Chlorophenol-d4	1.227	1.375	0.200	12.0555	20.0
4-Methylphenol-d8	1.356	1.433	0.010	5.6762	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024
 Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:09:50
 Lab File ID: BN030810.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020353 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	12.2219	20.0
2-Nitrophenol-d4	0.127	0.155	0.050	22.0668	30.0
2,4-Dichlorophenol-d3	0.278	0.322	0.060	15.9355	20.0
4-Chloroaniline-d4	0.457	0.472	0.010	3.2768	40.0
Dimethylphthalate-d6	1.335	1.484	0.300	11.1227	20.0
Acenaphthylene-d8	1.535	1.741	0.400	13.4014	20.0
4-Nitrophenol-d4	0.255	0.280	0.010	9.8055	40.0
Fluorene-d10	1.169	1.300	0.100	11.2781	20.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.096	0.010	8.2889	40.0
Anthracene-d10	0.862	0.944	0.300	9.6024	20.0
Pyrene-d10	1.075	1.146	0.300	6.5591	25.0
Benzo(a)pyrene-d12	0.922	1.033	0.010	12.096	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.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1: 20:30

Lab File ID: BN030824.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020354 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	0.449	0.010	-1.6794	40.0
Benzaldehyde	0.753	0.942	0.010	24.9909	40.0
Pyridine	1.291	1.274	0.010	-1.2699	40.0
Phenol	1.685	1.734	0.080	2.8925	20.0
Bis(2-Chloroethyl)ether	1.374	1.407	0.100	2.3506	20.0
2-Chlorophenol	1.317	1.410	0.200	7.0549	20.0
2-Methylphenol	1.299	1.332	0.010	2.5652	20.0
2,2-oxybis(1-Chloropropane)	1.935	1.884	0.010	-2.66	40.0
Acetophenone	2.141	2.233	0.060	4.3057	20.0
4-Methylphenol	1.454	1.477	0.010	1.5814	20.0
N-Nitroso-di-n-propylamine	1.078	1.101	0.050	2.1082	30.0
Hexachloroethane	0.552	0.570	0.100	3.2578	20.0
Nitrobenzene	0.339	0.358	0.050	5.5669	25.0
Isophorone	0.675	0.707	0.050	4.7219	25.0
2-Nitrophenol	0.149	0.176	0.050	18.0287	25.0
2,4-Dimethylphenol	0.332	0.355	0.050	6.9792	25.0
Bis(2-Chloroethoxy)methane	0.429	0.443	0.050	3.1786	20.0
2,4-Dichlorophenol	0.284	0.310	0.060	9.4282	20.0
Naphthalene	1.026	1.079	0.200	5.2359	20.0
4-Chloroaniline	0.441	0.462	0.010	4.8619	40.0
Hexachlorobutadiene	0.179	0.185	0.040	3.8231	30.0
Caprolactam	0.106	0.109	0.010	2.891	40.0
4-Chloro-3-methylphenol	0.319	0.351	0.040	10.0218	25.0
1-Methylnaphthalene	0.727	0.757	0.100	4.1092	20.0
2-Methylnaphthalene	0.716	0.764	0.100	6.7148	20.0
Hexachlorocyclopentadiene	0.293	0.269	0.010	-8.2763	40.0
2,4,6-Trichlorophenol	0.323	0.366	0.090	13.3257	25.0
2,4,5-Trichlorophenol	0.364	0.406	0.100	11.5547	25.0
1,1-Biphenyl	1.363	1.422	0.200	4.283	20.0
2-Chloronaphthalene	1.073	1.143	0.300	6.5356	20.0
2-Nitroaniline	0.286	0.317	0.050	11.0327	40.0
Dimethylphthalate	1.379	1.461	0.300	5.8936	20.0
2,6-Dinitrotoluene	0.256	0.289	0.080	12.8249	30.0
Acenaphthylene	1.774	1.920	0.400	8.2581	20.0
3-Nitroaniline	0.271	0.317	0.010	16.8648	40.0
Acenaphthene	1.182	1.244	0.200	5.1913	20.0
2,4-Dinitrophenol	0.117	0.105	0.010	-10.4988	40.0
4-Nitrophenol	0.202	0.212	0.010	4.7734	40.0
Dibenzofuran	1.643	1.734	0.300	5.5007	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1: 20:30

Lab File ID: BN030824.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020354 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	0.437	0.070	17.1505	30.0
Diethylphthalate	1.401	1.491	0.300	6.3805	20.0
Fluorene	1.306	1.420	0.200	8.7439	20.0
4-Chlorophenyl-phenylether	0.641	0.685	0.100	6.8976	20.0
4-Nitroaniline	0.264	0.347	0.010	31.5954	40.0
4,6-Dinitro-2-methylphenol	0.095	0.101	0.010	6.7182	40.0
N-Nitrosodiphenylamine	0.545	0.563	0.050	3.3002	20.0
1,2,4,5-Tetrachlorobenzene	0.516	0.538	0.100	4.172	20.0
4-Bromophenyl-phenylether	0.190	0.199	0.070	4.6339	20.0
Hexachlorobenzene	0.224	0.225	0.050	0.7952	25.0
Atrazine	0.189	0.201	0.010	6.7037	25.0
Pentachlorophenol	0.132	0.140	0.010	6.3706	40.0
Phenanthrene	1.028	1.072	0.200	4.3523	20.0
Pentachlorobenzene	0.250	0.259	0.050	3.65	20.0
Anthracene	1.039	1.114	0.200	7.2087	20.0
1,2,3,4-Tetrachlorobenzene	0.246	0.252	0.050	2.5742	20.0
Carbazole	0.911	1.015	0.050	11.3962	40.0
Di-n-butylphthalate	1.111	1.231	0.500	10.8151	25.0
Fluoranthene	1.278	1.323	0.400	3.49	25.0
Pyrene	1.350	1.368	0.400	1.3566	25.0
Butylbenzylphthalate	0.516	0.617	0.100	19.5985	40.0
3,3-Dichlorobenzidine	0.367	0.411	0.010	11.951	40.0
Benzo (a) anthracene	1.335	1.437	0.300	7.6958	30.0
Chrysene	1.260	1.345	0.200	6.7813	30.0
Bis(2-ethylhexyl)phthalate	0.760	0.887	0.200	16.6642	40.0
Di-n-octyl phthalate	1.267	1.380	0.010	8.934	40.0
Benzo (b) fluoranthene	1.177	1.254	0.200	6.5599	25.0
Benzo (k) fluoranthene	1.195	1.229	0.200	2.8436	25.0
Benzo (a) pyrene	1.112	1.167	0.200	4.9717	20.0
Indeno (1,2,3-cd) pyrene	1.202	1.255	0.200	4.4278	25.0
Dibenzo (a,h) anthracene	1.012	1.074	0.200	6.1162	30.0
Benzo (g,h,i) perylene	0.944	0.983	0.200	4.1334	30.0
2,3,4,6-Tetrachlorophenol	0.303	0.350	0.040	15.7785	20.0
1,4-Dioxane-d8	0.427	0.410	0.010	-3.9719	25.0
Pyridine-d5	1.279	1.243	0.010	-2.8455	40.0
Phenol-d5	1.618	1.673	0.010	3.383	25.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.008	0.050	0.8525	25.0
2-Chlorophenol-d4	1.227	1.322	0.200	7.7288	20.0
4-Methylphenol-d8	1.356	1.395	0.010	2.8756	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024
 Instrument ID: BNA_N Calibration Date/Time: 4/10/2024 1:20:30
 Lab File ID: BN030824.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020354 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.151	0.050	8.5779	20.0
2-Nitrophenol-d4	0.127	0.156	0.050	22.799	30.0
2,4-Dichlorophenol-d3	0.278	0.308	0.060	11.0167	20.0
4-Chloroaniline-d4	0.457	0.470	0.010	2.6812	40.0
Dimethylphthalate-d6	1.335	1.420	0.300	6.3787	20.0
Acenaphthylene-d8	1.535	1.649	0.400	7.4114	20.0
4-Nitrophenol-d4	0.255	0.267	0.010	4.7238	40.0
Fluorene-d10	1.169	1.251	0.100	7.0446	20.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.090	0.010	1.6937	40.0
Anthracene-d10	0.862	0.907	0.300	5.2212	20.0
Pyrene-d10	1.075	1.092	0.300	1.5995	25.0
Benzo(a)pyrene-d12	0.922	0.978	0.010	6.1033	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.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/11/2024 1:07:39

Lab File ID: BN030840.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020355 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	0.450	0.010	-1.5386	50.0
Benzaldehyde	0.753	0.947	0.010	25.6883	50.0
Pyridine	1.291	1.314	0.010	1.8319	50.0
Phenol	1.685	1.724	0.080	2.2733	50.0
Bis(2-Chloroethyl)ether	1.374	1.415	0.100	2.9162	50.0
2-Chlorophenol	1.317	1.404	0.200	6.6283	50.0
2-Methylphenol	1.299	1.333	0.010	2.6586	50.0
2,2-oxybis(1-Chloropropane)	1.935	1.861	0.010	-3.8445	50.0
Acetophenone	2.141	2.248	0.060	5.0183	50.0
4-Methylphenol	1.454	1.491	0.010	2.5223	50.0
N-Nitroso-di-n-propylamine	1.078	1.107	0.050	2.6447	50.0
Hexachloroethane	0.552	0.570	0.100	3.2616	50.0
Nitrobenzene	0.339	0.343	0.050	1.409	50.0
Isophorone	0.675	0.681	0.050	0.8261	50.0
2-Nitrophenol	0.149	0.169	0.050	13.4898	50.0
2,4-Dimethylphenol	0.332	0.342	0.050	3.0981	50.0
Bis(2-Chloroethoxy)methane	0.429	0.436	0.050	1.4911	50.0
2,4-Dichlorophenol	0.284	0.309	0.060	9.0327	50.0
Naphthalene	1.026	1.075	0.200	4.7653	50.0
4-Chloroaniline	0.441	0.464	0.010	5.236	50.0
Hexachlorobutadiene	0.179	0.188	0.040	5.337	50.0
Caprolactam	0.106	0.103	0.010	-2.4692	50.0
4-Chloro-3-methylphenol	0.319	0.344	0.040	7.7955	50.0
1-Methylnaphthalene	0.727	0.761	0.100	4.5811	50.0
2-Methylnaphthalene	0.716	0.752	0.100	4.9205	50.0
Hexachlorocyclopentadiene	0.293	0.255	0.010	-12.9252	50.0
2,4,6-Trichlorophenol	0.323	0.345	0.090	6.8507	50.0
2,4,5-Trichlorophenol	0.364	0.387	0.100	6.2305	50.0
1,1-Biphenyl	1.363	1.393	0.200	2.2031	50.0
2-Chloronaphthalene	1.073	1.127	0.300	5.0492	50.0
2-Nitroaniline	0.286	0.299	0.050	4.8068	50.0
Dimethylphthalate	1.379	1.435	0.300	4.0403	50.0
2,6-Dinitrotoluene	0.256	0.273	0.080	6.5753	50.0
Acenaphthylene	1.774	1.896	0.400	6.8573	50.0
3-Nitroaniline	0.271	0.304	0.010	11.8335	50.0
Acenaphthene	1.182	1.240	0.200	4.8785	50.0
2,4-Dinitrophenol	0.117	0.098	0.010	-16.2271	50.0
4-Nitrophenol	0.202	0.210	0.010	3.5558	50.0
Dibenzofuran	1.643	1.714	0.300	4.3027	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/11/2024 1:07:39

Lab File ID: BN030840.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020355 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	0.418	0.070	12.0493	50.0
Diethylphthalate	1.401	1.472	0.300	5.0414	50.0
Fluorene	1.306	1.409	0.200	7.8577	50.0
4-Chlorophenyl-phenylether	0.641	0.688	0.100	7.34	50.0
4-Nitroaniline	0.264	0.347	0.010	31.4882	50.0
4,6-Dinitro-2-methylphenol	0.095	0.095	0.010	-0.3172	50.0
N-Nitrosodiphenylamine	0.545	0.556	0.050	2.0872	50.0
1,2,4,5-Tetrachlorobenzene	0.516	0.546	0.100	5.7695	50.0
4-Bromophenyl-phenylether	0.190	0.202	0.070	6.3918	50.0
Hexachlorobenzene	0.224	0.223	0.050	-0.4694	50.0
Atrazine	0.189	0.198	0.010	4.6598	50.0
Pentachlorophenol	0.132	0.136	0.010	3.0007	50.0
Phenanthrene	1.028	1.095	0.200	6.5886	50.0
Pentachlorobenzene	0.250	0.248	0.050	-0.8248	50.0
Anthracene	1.039	1.126	0.200	8.4319	50.0
1,2,3,4-Tetrachlorobenzene	0.246	0.247	0.050	0.3889	50.0
Carbazole	0.911	1.059	0.050	16.2933	50.0
Di-n-butylphthalate	1.111	1.239	0.500	11.4698	50.0
Fluoranthene	1.278	1.303	0.400	1.9056	50.0
Pyrene	1.350	1.383	0.400	2.4136	50.0
Butylbenzylphthalate	0.516	0.575	0.100	11.5623	50.0
3,3-Dichlorobenzidine	0.367	0.406	0.010	10.4247	50.0
Benzo (a) anthracene	1.335	1.447	0.300	8.416	50.0
Chrysene	1.260	1.332	0.200	5.7346	50.0
Bis(2-ethylhexyl)phthalate	0.760	0.852	0.200	12.1067	50.0
Di-n-octyl phthalate	1.267	1.291	0.010	1.9268	50.0
Benzo (b) fluoranthene	1.177	1.227	0.200	4.2177	50.0
Benzo (k) fluoranthene	1.195	1.248	0.200	4.3801	50.0
Benzo (a) pyrene	1.112	1.139	0.200	2.4707	50.0
Indeno (1,2,3-cd) pyrene	1.202	1.238	0.200	2.9633	50.0
Dibenzo (a,h) anthracene	1.012	1.048	0.200	3.5975	50.0
Benzo (g,h,i) perylene	0.944	0.989	0.200	4.7707	50.0
2,3,4,6-Tetrachlorophenol	0.303	0.337	0.040	11.4026	50.0
1,4-Dioxane-d8	0.427	0.417	0.010	-2.1585	50.0
Pyridine-d5	1.279	1.263	0.010	-1.2226	50.0
Phenol-d5	1.618	1.634	0.010	0.9899	50.0
Bis- (2-Chloroethyl) ether-d8	0.999	1.006	0.050	0.6971	50.0
2-Chlorophenol-d4	1.227	1.319	0.200	7.4368	50.0
4-Methylphenol-d8	1.356	1.377	0.010	1.5177	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG No.: BN041024

Instrument ID: BNA_N Calibration Date/Time: 4/11/2024 1:07:39

Lab File ID: BN030840.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020355 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.145	0.050	4.7503	50.0
2-Nitrophenol-d4	0.127	0.142	0.050	12.1329	50.0
2,4-Dichlorophenol-d3	0.278	0.305	0.060	9.9084	50.0
4-Chloroaniline-d4	0.457	0.469	0.010	2.4375	50.0
Dimethylphthalate-d6	1.335	1.387	0.300	3.8431	50.0
Acenaphthylene-d8	1.535	1.613	0.400	5.0566	50.0
4-Nitrophenol-d4	0.255	0.262	0.010	2.4697	50.0
Fluorene-d10	1.169	1.245	0.100	6.585	50.0
4,6-Dinitro-2-methylphenol-d2	0.088	0.084	0.010	-4.4589	50.0
Anthracene-d10	0.862	0.915	0.300	6.132	50.0
Pyrene-d10	1.075	1.093	0.300	1.6029	50.0
Benzo(a)pyrene-d12	0.922	0.980	0.010	6.3765	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK124	SDG No.:	BN041024
Lab Sample ID:	PB160124BL	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
BN030811.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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



Client:				Date Collected:	4/9/2024 12:00:00 AM	
Project:				Date Received:	4/9/2024 12:00:00 AM	
Client Sample ID:	SBLK124			SDG No.:	BN041024	
Lab Sample ID:	PB160124BL			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
BN030811.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK124	SDG No.:	BN041024
Lab Sample ID:	PB160124BL	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
BN030811.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	6.337		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	31.284		20-120		78	SPK: -40
4165-62-2	Phenol-d5	29.619		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.951		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.763		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.895		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	32.095		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.395		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.301		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.873		1-146		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.277		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.923		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.607		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	33.012		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK124	SDG No.:	BN041024
Lab Sample ID:	PB160124BL	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
BN030811.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.343		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	33.787		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	33.205		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.806		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204039	7.681				
1146-65-2	Naphthalene-d8	926927	10.463				
15067-26-2	Acenaphthene-d10	660606	14.322				
1517-22-2	Phenanthrene-d10	1458223	17.069				
1719-03-5	Chrysene-d12	1390403	21.31				
1520-96-3	Perylene-d12	1445024	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK122	SDG No.:	BN041024
Lab Sample ID:	PB160122BL	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
BN030812.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK122	SDG No.:	BN041024
Lab Sample ID:	PB160122BL	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
BN030812.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK122	SDG No.:	BN041024
Lab Sample ID:	PB160122BL	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
BN030812.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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	6.271		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	31.889		20-120		80	SPK: -40
4165-62-2	Phenol-d5	30.777		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.166		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.508		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	30.471		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	32.5		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.23		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.91		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.467		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.583		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.802		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.932		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	32.907		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK122	SDG No.:	BN041024
Lab Sample ID:	PB160122BL	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
BN030812.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.861		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	35.232		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	34.76		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.969		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168812	7.681				
1146-65-2	Naphthalene-d8	785783	10.463				
15067-26-2	Acenaphthene-d10	569676	14.322				
1517-22-2	Phenanthrene-d10	1236867	17.069				
1719-03-5	Chrysene-d12	1150722	21.304				
1520-96-3	Perylene-d12	1197419	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5DL	SDG No.:	BN041024
Lab Sample ID:	P1948-16DL	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
BN030813.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	80	D	3.2	5.1	20	ug/L
100-52-7	Benzaldehyde	14	U	14	51	100	ug/L
110-86-1	Pyridine	8.7	U	8.7	100	100	ug/L
108-95-2	Phenol	17	U	17	51	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	51	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25.5	51	ug/L
95-48-7	2-Methylphenol	15	U	15	51	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	51	100	ug/L
98-86-2	Acetophenone	21	U	21	51	100	ug/L
106-44-5	4-Methylphenol	16	U	16	51	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25.5	51	ug/L
67-72-1	Hexachloroethane	9.1	U	9.1	25.5	51	ug/L
98-95-3	Nitrobenzene	13	U	13	25.5	51	ug/L
78-59-1	Isophorone	14	U	14	25.5	51	ug/L
88-75-5	2-Nitrophenol	14	U	14	25.5	51	ug/L
105-67-9	2,4-Dimethylphenol	7.3	U	7.3	25.5	51	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25.5	51	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25.5	51	ug/L
91-20-3	Naphthalene	15	U	15	25.5	51	ug/L
106-47-8	4-Chloroaniline	17	U	17	25.5	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25.5	51	ug/L
105-60-2	Caprolactam	13	U	13	51	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25.5	51	ug/L
90-12-0	1-Methylnaphthalene	9.9	U	9.9	25.5	51	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25.5	51	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	51	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25.5	51	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25.5	51	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5DL	SDG No.:	BN041024
Lab Sample ID:	P1948-16DL	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
BN030813.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	19	U	19	25.5	51	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25.5	51	ug/L
88-74-4	2-Nitroaniline	12	U	12	25.5	51	ug/L
131-11-3	Dimethylphthalate	16	U	16	25.5	51	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25.5	51	ug/L
208-96-8	Acenaphthylene	18	U	18	25.5	51	ug/L
99-09-2	3-Nitroaniline	8.8	U	8.8	51	100	ug/L
83-32-9	Acenaphthene	19	U	19	25.5	51	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	51	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	51	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25.5	51	ug/L
121-14-2	2,4-Dinitrotoluene	9.9	U	9.9	25.5	51	ug/L
84-66-2	Diethylphthalate	15	U	15	25.5	51	ug/L
86-73-7	Fluorene	20	U	20	25.5	51	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25.5	51	ug/L
100-01-6	4-Nitroaniline	6.1	U	6.1	51	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	51	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25.5	51	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25.5	51	ug/L
101-55-3	4-Bromophenyl-phenylether	28	U	28	25.5	51	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25.5	51	ug/L
1912-24-9	Atrazine	12	U	12	51	100	ug/L
87-86-5	Pentachlorophenol	17	U	17	51	100	ug/L
85-01-8	Phenanthrene	18	U	18	25.5	51	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25.5	51	ug/L
120-12-7	Anthracene	17	U	17	25.5	51	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.7	U	7.7	25.5	51	ug/L
86-74-8	Carbazole	20	U	20	51	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25.5	51	ug/L
206-44-0	Fluoranthene	17	U	17	51	51	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5DL	SDG No.:	BN041024
Lab Sample ID:	P1948-16DL	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
BN030813.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25.5	51	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25.5	51	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	51	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25.5	51	ug/L
218-01-9	Chrysene	17	U	17	25.5	51	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25.5	51	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	51	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25.5	51	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25.5	51	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25.5	51	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25.5	51	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25.5	51	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25.5	51	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25.5	51	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.67		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	2.61	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	3.54	*	10-130		9	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.17		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.37		20-130		36	SPK: -40
190780-66-6	4-Methylphenol-d8	7.54	*	25-125		19	SPK: -40
4165-60-0	Nitrobenzene-d5	19.35		20-125		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.35		20-130		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.57		20-120		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.69		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.31		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	25.23		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	31.16		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5DL	SDG No.:	BN041024
Lab Sample ID:	P1948-16DL	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
BN030813.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

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	33.35		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	35.94		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.19		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160023	7.681				
1146-65-2	Naphthalene-d8	741122	10.457				
15067-26-2	Acenaphthene-d10	534576	14.322				
1517-22-2	Phenanthrene-d10	1204331	17.069				
1719-03-5	Chrysene-d12	1123484	21.304				
1520-96-3	Perylene-d12	1124450	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4DL	SDG No.:	BN041024
Lab Sample ID:	P1948-15DL	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
BN030814.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

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

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4DL	SDG No.:	BN041024
Lab Sample ID:	P1948-15DL	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
BN030814.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

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

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4DL	SDG No.:	BN041024
Lab Sample ID:	P1948-15DL	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
BN030814.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.11		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	8.52		20-120		21	SPK: -40
4165-62-2	Phenol-d5	4.08		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.17		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.71		20-130		44	SPK: -40
190780-66-6	4-Methylphenol-d8	9.82		25-125		25	SPK: -40
4165-60-0	Nitrobenzene-d5	22.41		20-125		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.87		20-130		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.74		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.31		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.5		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	29.3		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	35.75		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4DL	SDG No.:	BN041024
Lab Sample ID:	P1948-15DL	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
BN030814.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.19		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	36.06		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	38.44		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.17		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166485	7.681				
1146-65-2	Naphthalene-d8	766006	10.457				
15067-26-2	Acenaphthene-d10	533766	14.322				
1517-22-2	Phenanthrene-d10	1191427	17.069				
1719-03-5	Chrysene-d12	1115331	21.304				
1520-96-3	Perylene-d12	1092812	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1DL	SDG No.:	BN041024
Lab Sample ID:	P1948-19DL	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
BN030815.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

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

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1DL	SDG No.:	BN041024
Lab Sample ID:	P1948-19DL	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
BN030815.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

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

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1DL	SDG No.:	BN041024
Lab Sample ID:	P1948-19DL	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
BN030815.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.76		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	14.27		20-120		36	SPK: -40
4165-62-2	Phenol-d5	4.85		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.84		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.72		20-130		52	SPK: -40
190780-66-6	4-Methylphenol-d8	11.16		25-125		28	SPK: -40
4165-60-0	Nitrobenzene-d5	25.2		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.94		20-130		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.65		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.63		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.14		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	30.81		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	37.7		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1DL	SDG No.:	BN041024
Lab Sample ID:	P1948-19DL	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
BN030815.D	10	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	37.34		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	39.38		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.59		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166665	7.681				
1146-65-2	Naphthalene-d8	775187	10.457				
15067-26-2	Acenaphthene-d10	553233	14.322				
1517-22-2	Phenanthrene-d10	1249307	17.069				
1719-03-5	Chrysene-d12	1114620	21.304				
1520-96-3	Perylene-d12	1138442	24.233				
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:	SLCS989	SDG No.:	BN041024
Lab Sample ID:	PB159989BS	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
BN030816.D	1	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

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	40		1.4	5	10	ug/L
110-86-1	Pyridine	31		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	34		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	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	31		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	32		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	29		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	30		1.1	2.5	5	ug/L
105-60-2	Caprolactam	32		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		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	33		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		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	34		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:	SLCS989	SDG No.:	BN041024
Lab Sample ID:	PB159989BS	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
BN030816.D	1	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

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	38		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		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	36		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	32		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	42		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		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	33		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	30		1.9	2.5	5	ug/L
1912-24-9	Atrazine	31		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	35		1.7	5	10	ug/L
85-01-8	Phenanthrene	33		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	32		0.75	2.5	5	ug/L
86-74-8	Carbazole	36		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		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:	SLCS989	SDG No.:	BN041024
Lab Sample ID:	PB159989BS	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
BN030816.D	1	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

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	36		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.5	2.5	5	ug/L
218-01-9	Chrysene	33		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		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	34		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	34		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		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	7.875		15-120		98	SPK: -8
7291-22-7	Pyridine-d5	31.463		20-120		79	SPK: -40
4165-62-2	Phenol-d5	33.628		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.147		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.83		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	33.144		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	33.803		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.277		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.453		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.835		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.621		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.576		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.121		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	33.464		25-125		84	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:	SLCS989	SDG No.:	BN041024
Lab Sample ID:	PB159989BS	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
BN030816.D	1	4/3/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB159989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.407		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	33.499		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	33.375		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.385		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179118	7.681				
1146-65-2	Naphthalene-d8	840468	10.463				
15067-26-2	Acenaphthene-d10	588233	14.322				
1517-22-2	Phenanthrene-d10	1265302	17.069				
1719-03-5	Chrysene-d12	1242642	21.31				
1520-96-3	Perylene-d12	1319297	24.239				
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:	YCSSL0	SDG No.:	BN041024
Lab Sample ID:	P1973-09	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
BN030817.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSSL0	SDG No.:	BN041024
Lab Sample ID:	P1973-09	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
BN030817.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSSL0	SDG No.:	BN041024
Lab Sample ID:	P1973-09	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
BN030817.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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	3.205		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	9.723		20-120		24	SPK: -40
4165-62-2	Phenol-d5	5.556		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.08		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.697		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.199		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	31.622		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.402		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.19		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.556		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.759		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.415		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.907		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	37.629		25-125		94	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:	YCSSL0	SDG No.:	BN041024
Lab Sample ID:	P1973-09	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
BN030817.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.031		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	38.578		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	37.432		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.877		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199530	7.681				
1146-65-2	Naphthalene-d8	916042	10.457				
15067-26-2	Acenaphthene-d10	636735	14.322				
1517-22-2	Phenanthrene-d10	1402024	17.069				
1719-03-5	Chrysene-d12	1362362	21.31				
1520-96-3	Perylene-d12	1381300	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000105-60-2	Capro lactam	23	J			11.41	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.9	J			17.745	
000057-10-3	n-Hexadecanoic acid	14	J			17.981	
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	93	J			18.216	
002027-47-6	9-Octadecenoic acid	6.3	J			19.139	
000057-11-4	Octadecanoic acid	2.8	J			19.263	
	(DEL) Alkane: Cyclic21.004	4.3	J			21.004	
E966796	Total Alkanes	4.3				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:	YCSSL0MS	SDG No.:	BN041024
Lab Sample ID:	P1973-10MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BN030818.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.9		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	40		1.4	5	10	ug/L
110-86-1	Pyridine	11		0.85	10	10	ug/L
108-95-2	Phenol	6.7	J	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	26		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	19		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	16		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	33		1.3	2.5	5	ug/L
78-59-1	Isophorone	33		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	30		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		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	31		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		1.1	2.5	5	ug/L
105-60-2	Caprolactam	60		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	41		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	40		1.7	2.5	5	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:	YCSSL0MS	SDG No.:	BN041024
Lab Sample ID:	P1973-10MS	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
BN030818.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	43		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	38		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	43		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	37		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		0.86	5	10	ug/L
83-32-9	Acenaphthene	37		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	42		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	7.8	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	38		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	44		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	40		1.5	2.5	5	ug/L
86-73-7	Fluorene	38		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	49		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	40		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	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	42		1.7	5	10	ug/L
85-01-8	Phenanthrene	39		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	37		1.3	2.5	5	ug/L
120-12-7	Anthracene	39		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	36		0.75	2.5	5	ug/L
86-74-8	Carbazole	44		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	45		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	40		1.7	5	5	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:	YCSSL0MS	SDG No.:	BN041024
Lab Sample ID:	P1973-10MS	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
BN030818.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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	34		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	41		1.5	2.5	5	ug/L
218-01-9	Chrysene	42		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	47		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	41		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	40		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	43		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	41		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.795		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	10.713		20-120		27	SPK: -40
4165-62-2	Phenol-d5	6.362		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.031		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.052		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	16.543		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	37.602		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.191		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.106		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.71		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.567		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	41.051		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.986		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	40.618		25-125		102	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:	YCSSL0MS	SDG No.:	BN041024
Lab Sample ID:	P1973-10MS	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
BN030818.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.484		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	42.091		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	43.727		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.093		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193089	7.675				
1146-65-2	Naphthalene-d8	873493	10.457				
15067-26-2	Acenaphthene-d10	615597	14.322				
1517-22-2	Phenanthrene-d10	1321737	17.075				
1719-03-5	Chrysene-d12	1241505	21.316				
1520-96-3	Perylene-d12	1392818	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:	YCSSL0MSD	SDG No.:	BN041024
Lab Sample ID:	P1973-11MSD	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
BN030819.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.6		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	43		1.4	5	10	ug/L
110-86-1	Pyridine	13		0.85	10	10	ug/L
108-95-2	Phenol	6.5	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	19		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	36		2.1	5	10	ug/L
106-44-5	4-Methylphenol	16		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	34		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.3	2.5	5	ug/L
78-59-1	Isophorone	36		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	31		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.4	2.5	5	ug/L
91-20-3	Naphthalene	36		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	33		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.1	2.5	5	ug/L
105-60-2	Caprolactam	62		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	38		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		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	44		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43		1.7	2.5	5	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:	YCSSL0MSD	SDG No.:	BN041024
Lab Sample ID:	P1973-11MSD	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
BN030819.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

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	46		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	40		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	39		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	45		0.86	5	10	ug/L
83-32-9	Acenaphthene	39		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	44		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	7.4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	40		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	47		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	42		1.5	2.5	5	ug/L
86-73-7	Fluorene	40		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	52		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	42		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	42		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	41		1.9	2.5	5	ug/L
1912-24-9	Atrazine	45		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	44		1.7	5	10	ug/L
85-01-8	Phenanthrene	41		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	40		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	40		0.75	2.5	5	ug/L
86-74-8	Carbazole	46		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	47		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	44		1.7	5	5	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:	YCSSL0MSD	SDG No.:	BN041024
Lab Sample ID:	P1973-11MSD	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
BN030819.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	53		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	43		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	50		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	51		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	45		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	43		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	43		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43		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	4.294		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	12.146		20-120		30	SPK: -40
4165-62-2	Phenol-d5	6.012		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.35		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.01		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	15.777		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	39.503		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.758		20-130		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.164		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.187		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.983		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	41.267		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.259		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	42.484		25-125		106	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:	YCSSL0MSD	SDG No.:	BN041024
Lab Sample ID:	P1973-11MSD	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
BN030819.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.785		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	42.513		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	44.398		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.092		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192115	7.675				
1146-65-2	Naphthalene-d8	884689	10.463				
15067-26-2	Acenaphthene-d10	613989	14.322				
1517-22-2	Phenanthrene-d10	1310333	17.069				
1719-03-5	Chrysene-d12	1167837	21.31				
1520-96-3	Perylene-d12	1272727	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L



Client:				Date Collected:	4/5/2024 12:00:00 AM	
Project:				Date Received:	4/5/2024 12:00:00 AM	
Client Sample ID:	YCSW4			SDG No.:	BN041024	
Lab Sample ID:	P1973-13			Matrix:	Water	
Analytical Method:	SFAM_SVOC			% Moisture:	100	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030820.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW4	SDG No.:	BN041024
Lab Sample ID:	P1973-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030820.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	YCSW4	SDG No.:	BN041024
Lab Sample ID:	P1973-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030820.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	4.207		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.196		20-120		25	SPK: -40
4165-62-2	Phenol-d5	6.275		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.779		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.744		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	15.673		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	37.221		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.062		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.584		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.176		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.782		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	38.854		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.731		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	41.244		25-125		103	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:	YCSW4	SDG No.:	BN041024
Lab Sample ID:	P1973-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030820.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.664		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	39.695		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.648		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.351		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160444	7.675				
1146-65-2	Naphthalene-d8	760679	10.463				
15067-26-2	Acenaphthene-d10	542858	14.322				
1517-22-2	Phenanthrene-d10	1244310	17.069				
1719-03-5	Chrysene-d12	1240785	21.304				
1520-96-3	Perylene-d12	1324397	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	16	J			4.428	
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:	MC0RF2	SDG No.:	BN041024
Lab Sample ID:	P2006-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030821.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	79		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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0RF2	SDG No.:	BN041024
Lab Sample ID:	P2006-13	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
BN030821.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	42		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	4	J	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	96	E	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:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	MC0RF2	SDG No.:	BN041024
Lab Sample ID:	P2006-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030821.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	4.73		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	7.937		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.899		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	43.865		25-120		110	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.693		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	20.089		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	44.986		20-125		112	SPK: -40
93951-78-1	2-Nitrophenol-d4	51.732		20-130		129	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.385		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.267		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.898		25-130		115	SPK: -40
93951-97-4	Acenaphthylene-d8	44.406		10-130		111	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.692		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	46.889		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:	MC0RF2	SDG No.:	BN041024
Lab Sample ID:	P2006-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030821.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.912		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	47.357		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	45.608		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.418		20-130		124	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144919	7.693				
1146-65-2	Naphthalene-d8	704272	10.475				
15067-26-2	Acenaphthene-d10	493734	14.322				
1517-22-2	Phenanthrene-d10	1109057	17.069				
1719-03-5	Chrysene-d12	1111369	21.304				
1520-96-3	Perylene-d12	1228363	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-39-8	Benzene, 1-bromo-4-chloro-	15	J			9.163	
032768-54-0	Benzene, 1,2-dichloro-3-methyl-	5	J			9.393	
019398-61-9	Benzene, 1,4-dichloro-2-methyl-	5.5	J			9.434	
000108-37-2	Benzene, 1-bromo-3-chloro-	9.4	J			9.475	
000121-73-3	Benzene, 1-chloro-3-nitro-	13	J			11.063	
000088-73-3	Benzene, 1-chloro-2-nitro-	3.7	J			11.275	
000089-64-5	4-Chloro-2-nitrophenol	3.3	J			11.757	
E966796	Total Alkanes	1.9	U			99	ug/L



Client:				Date Collected:	4/4/2024 12:00:00 AM	
Project:				Date Received:	4/4/2024 12:00:00 AM	
Client Sample ID:	MC0RF3			SDG No.:	BN041024	
Lab Sample ID:	P2006-14			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
BN030822.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	MC0RF3	SDG No.:	BN041024
Lab Sample ID:	P2006-14	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
BN030822.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	1.7	J	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:	MC0RF3	SDG No.:	BN041024
Lab Sample ID:	P2006-14	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
BN030822.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	4.241		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	9.061		20-120		23	SPK: -40
4165-62-2	Phenol-d5	6.453		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.722		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.952		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	16.126		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	34.149		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.699		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.465		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.574		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.678		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	39.036		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.18		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	41.348		25-125		103	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:	MC0RF3	SDG No.:	BN041024
Lab Sample ID:	P2006-14	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
BN030822.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.192		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	42.743		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	41.627		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.114		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174498	7.681				
1146-65-2	Naphthalene-d8	813421	10.463				
15067-26-2	Acenaphthene-d10	556918	14.322				
1517-22-2	Phenanthrene-d10	1219044	17.069				
1719-03-5	Chrysene-d12	1203746	21.304				
1520-96-3	Perylene-d12	1259550	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	18	J			17.98	
000057-11-4	Octadecanoic acid	8.7	J			19.263	
	(DEL) Alkane: Straight-Chain	20.998	J			20.998	
E966796	Total Alkanes	3.4				99	ug/L



Client:				Date Collected:	4/9/2024 12:00:00 AM	
Project:				Date Received:	4/9/2024 12:00:00 AM	
Client Sample ID:	SLCS124			SDG No.:	BN041024	
Lab Sample ID:	PB160124BS			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
BN030823.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	41		1.4	5	10	ug/L
110-86-1	Pyridine	30		0.85	10	10	ug/L
108-95-2	Phenol	34		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	34		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	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	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	28		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	36		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	30		1.1	2.5	5	ug/L
105-60-2	Caprolactam	36		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	25		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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS124	SDG No.:	BN041024
Lab Sample ID:	PB160124BS	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
BN030823.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		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	37		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	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		0.86	5	10	ug/L
83-32-9	Acenaphthene	32		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	36		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	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	37		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	33		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	32		1.9	2.5	5	ug/L
1912-24-9	Atrazine	33		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	32		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.75	2.5	5	ug/L
86-74-8	Carbazole	36		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS124	SDG No.:	BN041024
Lab Sample ID:	PB160124BS	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
BN030823.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	40		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		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	38		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	38		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	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	33		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	39		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.652		15-120		96	SPK: -8
7291-22-7	Pyridine-d5	30.934		20-120		77	SPK: -40
4165-62-2	Phenol-d5	34.68		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.713		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.765		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	33.557		25-125		84	SPK: -40
4165-60-0	Nitrobenzene-d5	35.582		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.25		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.772		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.019		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.571		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.093		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.025		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	34.1		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS124	SDG No.:	BN041024
Lab Sample ID:	PB160124BS	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
BN030823.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.239		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	33.323		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	33.569		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.573		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203868	7.681				
1146-65-2	Naphthalene-d8	947059	10.463				
15067-26-2	Acenaphthene-d10	657962	14.322				
1517-22-2	Phenanthrene-d10	1441046	17.069				
1719-03-5	Chrysene-d12	1394691	21.31				
1520-96-3	Perylene-d12	1581976	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN041024
Lab Sample ID:	PB160141BL	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
BN030825.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN041024
Lab Sample ID:	PB160141BL	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
BN030825.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN041024
Lab Sample ID:	PB160141BL	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
BN030825.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

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	6.756		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	31.742		20-120		79	SPK: -40
4165-62-2	Phenol-d5	32.827		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.715		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.925		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	33.243		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	34.156		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.586		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.123		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.284		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.933		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.405		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.102		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	35.251		25-125		88	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN041024
Lab Sample ID:	PB160141BL	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
BN030825.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.006		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	36.596		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	34.272		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.025		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147633	7.681				
1146-65-2	Naphthalene-d8	695960	10.457				
15067-26-2	Acenaphthene-d10	501644	14.322				
1517-22-2	Phenanthrene-d10	1081785	17.069				
1719-03-5	Chrysene-d12	1145951	21.304				
1520-96-3	Perylene-d12	1247845	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:	MC0RH3	SDG No.:	BN041024
Lab Sample ID:	P2006-15	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
BN030826.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	190	E	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	6		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:	MC0RH3	SDG No.:	BN041024
Lab Sample ID:	P2006-15	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
BN030826.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	54		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	5.9		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	130	E	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:	MC0RH3	SDG No.:	BN041024
Lab Sample ID:	P2006-15	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
BN030826.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	6.785		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	17.861		20-120		45	SPK: -40
4165-62-2	Phenol-d5	11.448		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	56.925	*	25-120		142	SPK: -40
93951-73-6	2-Chlorophenol-d4	47.696		20-130		119	SPK: -40
190780-66-6	4-Methylphenol-d8	27.051		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	40.981		20-125		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	46.009		20-130		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.546		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.647		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.333		25-130		106	SPK: -40
93951-97-4	Acenaphthylene-d8	42.116		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.12		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	42.177		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:	MC0RH3	SDG No.:	BN041024
Lab Sample ID:	P2006-15	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
BN030826.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.764		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	44.061		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	42.101		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.713		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106245	7.705				
1146-65-2	Naphthalene-d8	728024	10.481				
15067-26-2	Acenaphthene-d10	497781	14.322				
1517-22-2	Phenanthrene-d10	1101888	17.069				
1719-03-5	Chrysene-d12	1129629	21.304				
1520-96-3	Perylene-d12	1261025	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-39-8	Benzene, 1-bromo-4-chloro-	23	J			9.169	
032768-54-0	Benzene, 1,2-dichloro-3-methyl-	7	J			9.393	
019398-61-9	Benzene, 1,4-dichloro-2-methyl-	6.5	J			9.44	
000694-80-4	Benzene, 1-bromo-2-chloro-	15	J			9.481	
000095-75-0	Benzene, 1,2-dichloro-4-methyl-	2.5	J			9.846	
000121-73-3	Benzene, 1-chloro-3-nitro-	82	J			11.069	
000088-73-3	Benzene, 1-chloro-2-nitro-	20	J			11.281	
000089-64-5	4-Chloro-2-nitrophenol	5.3	J			11.757	
015258-73-8	2,6-Dichlorobenzyl alcohol	2.2	J			12.734	
217479-60-2	2,4,6-Trichlorobenzyl alcohol	2.2	J			14.804	
	unknown-01	23	J			18.445	
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:	MC0RH4	SDG No.:	BN041024
Lab Sample ID:	P2006-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030827.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	MC0RH4	SDG No.:	BN041024
Lab Sample ID:	P2006-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030827.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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:	MC0RH4	SDG No.:	BN041024
Lab Sample ID:	P2006-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030827.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

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	5.611		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	15.307		20-120		38	SPK: -40
4165-62-2	Phenol-d5	8.809		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	44.223		25-120		111	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.172		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	21.69		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	48.253		20-125		121	SPK: -40
93951-78-1	2-Nitrophenol-d4	51.989		20-130		130	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.56		20-120		106	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.319		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.942		25-130		120	SPK: -40
93951-97-4	Acenaphthylene-d8	47.018		10-130		118	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.418		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	48.302		25-125		121	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:	MC0RH4	SDG No.:	BN041024
Lab Sample ID:	P2006-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030827.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.042		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	49.659		25-130		124	SPK: -40
1718-52-1	Pyrene-d10	50.216		15-130		126	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	53.934	*	20-130		135	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145600	7.675				
1146-65-2	Naphthalene-d8	683878	10.457				
15067-26-2	Acenaphthene-d10	489383	14.322				
1517-22-2	Phenanthrene-d10	1080224	17.069				
1719-03-5	Chrysene-d12	1058736	21.304				
1520-96-3	Perylene-d12	1094502	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BN041024
Lab Sample ID:	PB160141BS	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
BN030828.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	41		1.4	5	10	ug/L
110-86-1	Pyridine	33		0.85	10	10	ug/L
108-95-2	Phenol	36		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	35		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.4	5	10	ug/L
98-86-2	Acetophenone	34		2.1	5	10	ug/L
106-44-5	4-Methylphenol	36		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	34		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.3	2.5	5	ug/L
78-59-1	Isophorone	34		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	41		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	32		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	37		1.4	2.5	5	ug/L
91-20-3	Naphthalene	34		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	33		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.1	2.5	5	ug/L
105-60-2	Caprolactam	37		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	39		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BN041024
Lab Sample ID:	PB160141BS	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
BN030828.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	42		0.86	5	10	ug/L
83-32-9	Acenaphthene	34		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	39		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	38		1.5	5	10	ug/L
132-64-9	Dibenzofuran	35		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.5	2.5	5	ug/L
86-73-7	Fluorene	35		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	46		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.9	2.5	5	ug/L
1912-24-9	Atrazine	36		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	39		1.7	5	10	ug/L
85-01-8	Phenanthrene	35		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.3	2.5	5	ug/L
120-12-7	Anthracene	34		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.75	2.5	5	ug/L
86-74-8	Carbazole	39		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	38		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BN041024
Lab Sample ID:	PB160141BS	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
BN030828.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	41		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.5	2.5	5	ug/L
218-01-9	Chrysene	35		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	40		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	37		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.331		15-120		104	SPK: -8
7291-22-7	Pyridine-d5	34.726		20-120		87	SPK: -40
4165-62-2	Phenol-d5	37.736		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.243		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.947		20-130		97	SPK: -40
190780-66-6	4-Methylphenol-d8	36.878		25-125		92	SPK: -40
4165-60-0	Nitrobenzene-d5	39.006		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.342		20-130		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.249		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.166		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.618		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	38.143		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.112		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	37.191		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BN041024
Lab Sample ID:	PB160141BS	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
BN030828.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.477		10-130		104	SPK: -40
1719-06-8	Anthracene-d10	37.629		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	37.52		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.629		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190811	7.675				
1146-65-2	Naphthalene-d8	878419	10.458				
15067-26-2	Acenaphthene-d10	607891	14.322				
1517-22-2	Phenanthrene-d10	1309596	17.069				
1719-03-5	Chrysene-d12	1285094	21.31				
1520-96-3	Perylene-d12	1389289	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:	C0AK0	SDG No.:	BN041024
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
BN030829.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	J	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.:	BN041024
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
BN030829.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

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.:	BN041024
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
BN030829.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

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	3.945		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	7.743	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	6.072		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.549		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.88		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	15.281		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	34.41		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.401		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.006		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.648		1-146		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.766		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.052		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.256		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	37.952		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:	C0AK0	SDG No.:	BN041024
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
BN030829.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.24		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	38.142		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	39.03		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.334		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221947	7.675				
1146-65-2	Naphthalene-d8	1009672	10.458				
15067-26-2	Acenaphthene-d10	704801	14.322				
1517-22-2	Phenanthrene-d10	1555701	17.069				
1719-03-5	Chrysene-d12	1424707	21.304				
1520-96-3	Perylene-d12	1341446	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	16	J			10.24	
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:	E0MC7	SDG No.:	BN041024
Lab Sample ID:	P2014-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030830.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MC7	SDG No.:	BN041024
Lab Sample ID:	P2014-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030830.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MC7	SDG No.:	BN041024
Lab Sample ID:	P2014-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030830.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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	4.129		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	10.11		20-120		25	SPK: -40
4165-62-2	Phenol-d5	7.645		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.339		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.578		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	18.237		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	37.588		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.176		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.794		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.605		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.113		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	38.403		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.633		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	40.502		25-125		101	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:	E0MC7	SDG No.:	BN041024
Lab Sample ID:	P2014-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030830.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.697		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	42.369		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	41.741		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.636		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170718	7.681				
1146-65-2	Naphthalene-d8	801922	10.457				
15067-26-2	Acenaphthene-d10	559774	14.322				
1517-22-2	Phenanthrene-d10	1243929	17.069				
1719-03-5	Chrysene-d12	1219205	21.304				
1520-96-3	Perylene-d12	1352461	24.233				
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:	E0MC9	SDG No.:	BN041024
Lab Sample ID:	P2014-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030831.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MC9	SDG No.:	BN041024
Lab Sample ID:	P2014-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030831.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MC9	SDG No.:	BN041024
Lab Sample ID:	P2014-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BN030831.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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	4.267		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	3.957	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	6.641		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.777		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.452		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	15.773		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	34.11		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.51		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.849		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.961		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.854		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.954		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.4		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	35.693		25-125		89	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:	E0MC9	SDG No.:	BN041024
Lab Sample ID:	P2014-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030831.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.899		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	39.888		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	37.87		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.104		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167174	7.675				
1146-65-2	Naphthalene-d8	789786	10.457				
15067-26-2	Acenaphthene-d10	565652	14.322				
1517-22-2	Phenanthrene-d10	1213478	17.068				
1719-03-5	Chrysene-d12	1249803	21.304				
1520-96-3	Perylene-d12	1306839	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:	E0MD0	SDG No.:	BN041024
Lab Sample ID:	P2014-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030832.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MD0	SDG No.:	BN041024
Lab Sample ID:	P2014-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030832.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	E0MD0	SDG No.:	BN041024
Lab Sample ID:	P2014-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030832.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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	4.274		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	13.397		20-120		33	SPK: -40
4165-62-2	Phenol-d5	7.987		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.41		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.347		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	19.044		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	39.526		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.346		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.891		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.478		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.084		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	41.35		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.468		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	42.8		25-125		107	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:	E0MD0	SDG No.:	BN041024
Lab Sample ID:	P2014-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030832.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.232		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	43.635		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	43.831		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.25		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158290	7.675				
1146-65-2	Naphthalene-d8	739117	10.457				
15067-26-2	Acenaphthene-d10	509442	14.316				
1517-22-2	Phenanthrene-d10	1154077	17.069				
1719-03-5	Chrysene-d12	1130779	21.304				
1520-96-3	Perylene-d12	1221768	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:	C0AN7	SDG No.:	BN041024
Lab Sample ID:	P2035-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030833.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	C0AN7	SDG No.:	BN041024
Lab Sample ID:	P2035-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030833.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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:	C0AN7	SDG No.:	BN041024
Lab Sample ID:	P2035-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030833.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

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							
7291-22-7	Pyridine-d5	11.177		20-120		28	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.248		15-120		53	SPK: -8
4165-62-2	Phenol-d5	6.891		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.04		25-120		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.416		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	16.757		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	40.677		20-125		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.008		20-130		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.994		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.415		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.454		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	41.935		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.443		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	42.647		25-125		107	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:	C0AN7	SDG No.:	BN041024
Lab Sample ID:	P2035-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030833.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.831		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	42.037		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	40.087		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.826		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173975	7.675				
1146-65-2	Naphthalene-d8	798523	10.457				
15067-26-2	Acenaphthene-d10	549971	14.316				
1517-22-2	Phenanthrene-d10	1272200	17.069				
1719-03-5	Chrysene-d12	1333104	21.304				
1520-96-3	Perylene-d12	1408014	24.233				
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:	YCSQ2	SDG No.:	BN041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030834.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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:	YCSQ2	SDG No.:	BN041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030834.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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:	YCSQ2	SDG No.:	BN041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030834.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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	4.7		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	9.722		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.244		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.186		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.281		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	20.211		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	43.774		20-125		109	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.572		20-130		119	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.704		20-120		99	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.218		1-146		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.538		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	45.055		10-130		113	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.998		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	47.173		25-125		118	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:	YCSQ2	SDG No.:	BN041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030834.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.849		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	49.372		25-130		123	SPK: -40
1718-52-1	Pyrene-d10	47.208		15-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	51.457		20-130		129	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139447	7.675				
1146-65-2	Naphthalene-d8	642653	10.458				
15067-26-2	Acenaphthene-d10	457695	14.322				
1517-22-2	Phenanthrene-d10	1045706	17.069				
1719-03-5	Chrysene-d12	1115059	21.304				
1520-96-3	Perylene-d12	1230009	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:	YCSQ2MS	SDG No.:	BN041024
Lab Sample ID:	P1982-07MS	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
BN030835.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6		0.31	0.5	2	ug/L
110-86-1	Pyridine	20		0.85	10	10	ug/L
100-52-7	Benzaldehyde	63		1.4	5	10	ug/L
108-95-2	Phenol	14		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	45		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	40		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42		1.4	5	10	ug/L
98-86-2	Acetophenone	46		2.1	5	10	ug/L
106-44-5	4-Methylphenol	28		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	46		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	45		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	47		1.3	2.5	5	ug/L
78-59-1	Isophorone	47		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	53		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	46		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	47		1.4	2.5	5	ug/L
91-20-3	Naphthalene	46		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	43		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	44		1.1	2.5	5	ug/L
105-60-2	Caprolactam	8.7	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	48		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	47		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50		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:	YCSQ2MS	SDG No.:	BN041024
Lab Sample ID:	P1982-07MS	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
BN030835.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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	55		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	48		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	55		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	47		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	57		0.86	5	10	ug/L
83-32-9	Acenaphthene	46		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	55		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	15		1.5	5	10	ug/L
132-64-9	Dibenzofuran	47		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	50		1.5	2.5	5	ug/L
86-73-7	Fluorene	48		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	66		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	45		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49		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	52		1.7	5	10	ug/L
85-01-8	Phenanthrene	48		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	45		1.3	2.5	5	ug/L
120-12-7	Anthracene	48		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	45		0.75	2.5	5	ug/L
86-74-8	Carbazole	55		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	54		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	46		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:	YCSQ2MS	SDG No.:	BN041024
Lab Sample ID:	P1982-07MS	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
BN030835.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	57		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	46		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	48		1.5	2.5	5	ug/L
218-01-9	Chrysene	50		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	55		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	51		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	52		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	47		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	55		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	55		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54		1.8	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	19.84		20-120		50	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.387		15-120		92	SPK: -8
4165-62-2	Phenol-d5	13.134		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	44.297		25-120		111	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.96		20-130		100	SPK: -40
190780-66-6	4-Methylphenol-d8	26.551		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	49.757		20-125		124	SPK: -40
93951-78-1	2-Nitrophenol-d4	54.865	*	20-130		137	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	46.864		20-120		117	SPK: -40
191656-33-4	4-Chloroaniline-d4	42.393		1-146		106	SPK: -40
85448-30-2	Dimethylphthalate-d6	49.139		25-130		123	SPK: -40
93951-97-4	Acenaphthylene-d8	48.101		10-130		120	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.117		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	48.978		25-125		122	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:	YCSQ2MS	SDG No.:	BN041024
Lab Sample ID:	P1982-07MS	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
BN030835.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	54.28	*	10-130		136	SPK: -40
1719-06-8	Anthracene-d10	49.757		25-130		124	SPK: -40
1718-52-1	Pyrene-d10	46.669		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	53.91	*	20-130		135	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150769	7.675				
1146-65-2	Naphthalene-d8	688424	10.457				
15067-26-2	Acenaphthene-d10	484285	14.322				
1517-22-2	Phenanthrene-d10	1073188	17.069				
1719-03-5	Chrysene-d12	1114671	21.31				
1520-96-3	Perylene-d12	1242199	24.245				
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:	YCSQ2MSD	SDG No.:	BN041024
Lab Sample ID:	P1982-08MSD	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
BN030836.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.7		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	54		1.4	5	10	ug/L
110-86-1	Pyridine	17		0.85	10	10	ug/L
108-95-2	Phenol	12		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	39		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	35		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)	37		1.4	5	10	ug/L
98-86-2	Acetophenone	40		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	40		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	38		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	40		1.3	2.5	5	ug/L
78-59-1	Isophorone	40		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	46		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	39		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	39		1.4	2.5	5	ug/L
91-20-3	Naphthalene	39		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	37		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.1	2.5	5	ug/L
105-60-2	Caprolactam	8	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	40		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	40		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45		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:	YCSQ2MSD	SDG No.:	BN041024
Lab Sample ID:	P1982-08MSD	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
BN030836.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	41		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	50		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	43		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	49		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	41		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	52		0.86	5	10	ug/L
83-32-9	Acenaphthene	41		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	51		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	14		1.5	5	10	ug/L
132-64-9	Dibenzofuran	42		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	51		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	44		1.5	2.5	5	ug/L
86-73-7	Fluorene	42		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	58		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	40		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	41		1.9	2.5	5	ug/L
1912-24-9	Atrazine	45		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	46		1.7	5	10	ug/L
85-01-8	Phenanthrene	43		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	41		1.3	2.5	5	ug/L
120-12-7	Anthracene	42		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	39		0.75	2.5	5	ug/L
86-74-8	Carbazole	48		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	47		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	41		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2MSD	SDG No.:	BN041024
Lab Sample ID:	P1982-08MSD	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
BN030836.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	42		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	50		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	43		1.5	2.5	5	ug/L
218-01-9	Chrysene	44		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	47		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	43		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	43		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	39		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.121		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	16.626		20-120		42	SPK: -40
4165-62-2	Phenol-d5	11.705		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.46		25-120		101	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.572		20-130		91	SPK: -40
190780-66-6	4-Methylphenol-d8	24.239		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	44.599		20-125		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	49.6		20-130		124	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.918		20-120		105	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.825		1-146		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.41		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	44.588		10-130		111	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.766		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	44.527		25-125		111	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:	YCSQ2MSD	SDG No.:	BN041024
Lab Sample ID:	P1982-08MSD	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
BN030836.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	51.523		10-130		129	SPK: -40
1719-06-8	Anthracene-d10	45.096		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	43.246		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.678		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173118	7.675				
1146-65-2	Naphthalene-d8	811269	10.457				
15067-26-2	Acenaphthene-d10	559897	14.322				
1517-22-2	Phenanthrene-d10	1241782	17.069				
1719-03-5	Chrysene-d12	1269440	21.31				
1520-96-3	Perylene-d12	1474731	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SLCS082	SDG No.:	BN041024
Lab Sample ID:	PB160082BS	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
BN030837.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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	38		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	31		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		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	33		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	28		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.4	2.5	5	ug/L
91-20-3	Naphthalene	32		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	31		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		1.1	2.5	5	ug/L
105-60-2	Caprolactam	36		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	26		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SLCS082	SDG No.:	BN041024
Lab Sample ID:	PB160082BS	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
BN030837.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		0.86	5	10	ug/L
83-32-9	Acenaphthene	33		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	37		1.5	5	10	ug/L
132-64-9	Dibenzofuran	34		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.5	2.5	5	ug/L
86-73-7	Fluorene	34		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	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	34		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.9	2.5	5	ug/L
1912-24-9	Atrazine	35		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	37		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	32		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	36		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SLCS082	SDG No.:	BN041024
Lab Sample ID:	PB160082BS	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
BN030837.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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	39		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.5	2.5	5	ug/L
218-01-9	Chrysene	34		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		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	35		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	39		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.909		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	15.305		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.414		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.411		25-120		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.948		20-130		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.761		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.517		20-125		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.339		20-130		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.154		20-120		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.985		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.318		25-130		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.33		10-130		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.928		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	18.672		25-125		47	SPK: -40

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SLCS082	SDG No.:	BN041024
Lab Sample ID:	PB160082BS	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
BN030837.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.397		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	17.827		25-130		45	SPK: -40
1718-52-1	Pyrene-d10	18.246		15-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.579		20-130		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164850	7.675				
1146-65-2	Naphthalene-d8	762832	10.457				
15067-26-2	Acenaphthene-d10	523236	14.322				
1517-22-2	Phenanthrene-d10	1179746	17.069				
1719-03-5	Chrysene-d12	1171447	21.31				
1520-96-3	Perylene-d12	1331774	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS122	SDG No.:	BN041024
Lab Sample ID:	PB160122BS	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
BN030838.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160122

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	38		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	31		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	27		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.4	2.5	5	ug/L
91-20-3	Naphthalene	31		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	31		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		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	35		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	24		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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS122	SDG No.:	BN041024
Lab Sample ID:	PB160122BS	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
BN030838.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160122

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	33		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	38		0.86	5	10	ug/L
83-32-9	Acenaphthene	32		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		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	32		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		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	35		1.7	5	10	ug/L
85-01-8	Phenanthrene	32		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.3	2.5	5	ug/L
120-12-7	Anthracene	31		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	30		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS122	SDG No.:	BN041024
Lab Sample ID:	PB160122BS	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
BN030838.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		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	34		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	29		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		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	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	7.988		15-120		100	SPK: -8
7291-22-7	Pyridine-d5	31.083		20-120		78	SPK: -40
4165-62-2	Phenol-d5	34.32		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.078		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.117		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.001		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	35.217		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.316		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.184		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.884		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.048		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.027		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.25		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	35.091		25-125		88	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS122	SDG No.:	BN041024
Lab Sample ID:	PB160122BS	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
BN030838.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160122

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.96		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	34.64		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	32.482		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.452		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141710	7.675				
1146-65-2	Naphthalene-d8	668518	10.457				
15067-26-2	Acenaphthene-d10	467572	14.322				
1517-22-2	Phenanthrene-d10	1042680	17.069				
1719-03-5	Chrysene-d12	1096997	21.31				
1520-96-3	Perylene-d12	1214873	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SBLK082	SDG No.:	BN041024
Lab Sample ID:	PB160082BL	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
BN030839.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SBLK082	SDG No.:	BN041024
Lab Sample ID:	PB160082BL	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
BN030839.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SBLK082	SDG No.:	BN041024
Lab Sample ID:	PB160082BL	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
BN030839.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

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	6.41		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	31.484		20-120		79	SPK: -40
4165-62-2	Phenol-d5	31.534		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.213		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.702		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.732		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	33.262		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.016		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.885		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.477		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.794		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	34.192		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.08		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	34.872		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	SBLK082	SDG No.:	BN041024
Lab Sample ID:	PB160082BL	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
BN030839.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.813		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	34.968		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	31.327		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.454		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162155	7.675				
1146-65-2	Naphthalene-d8	752271	10.457				
15067-26-2	Acenaphthene-d10	533749	14.316				
1517-22-2	Phenanthrene-d10	1256418	17.069				
1719-03-5	Chrysene-d12	1392232	21.304				
1520-96-3	Perylene-d12	1516516	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L



Client:

Client ID : YCSW4

Hit Summary Sheet SW-846

SDG No.: BN041024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1973-13	YCSW4	Water	Tetrachloroethylene	*	16.000	J		
P1973-13	YCSW4	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :						16.00		
Total Concentration:						16.00		
Client ID : YCSQ2								
P1982-06	YCSQ2	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : MC0RF2								
P2006-13	MC0RF2	Water	4-Chloro-2-nitrophenol	*	3.300	J		
P2006-13	MC0RF2	Water	Benzene, 1,2-dichloro-3-methyl-	*	5.000	J		
P2006-13	MC0RF2	Water	Benzene, 1,4-dichloro-2-methyl-	*	5.500	J		
P2006-13	MC0RF2	Water	Benzene, 1-bromo-3-chloro-	*	9.400	J		
P2006-13	MC0RF2	Water	Benzene, 1-bromo-4-chloro-	*	15.000	J		
P2006-13	MC0RF2	Water	Benzene, 1-chloro-2-nitro-	*	3.700	J		
P2006-13	MC0RF2	Water	Benzene, 1-chloro-3-nitro-	*	13.000	J		
P2006-13	MC0RF2	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :						54.90		
P2006-13	MC0RF2	Water	1,2,3,4-Tetrachlorobenzene		96.000	E 0.76	5.1	ug/L
P2006-13	MC0RF2	Water	1,2,4,5-Tetrachlorobenzene		42.000	1.8	5.1	ug/L
P2006-13	MC0RF2	Water	Nitrobenzene		79.000	1.3	5.1	ug/L
P2006-13	MC0RF2	Water	Pentachlorobenzene		4.000	J 1.3	5.1	ug/L
Total Svoc :						221.00		
Total Concentration:						275.90		
Client ID : MC0RF3								
P2006-14	MC0RF3	Water	(DEL) Alkane: Straight-Chain20.9	*	3.400	J		
P2006-14	MC0RF3	Water	n-Hexadecanoic acid	*	18.000	J		
P2006-14	MC0RF3	Water	Octadecanoic acid	*	8.700	J		
P2006-14	MC0RF3	Water	Total Alkanes	*	3.400	1.9	5	ug/L
Total Tics :						33.50		
P2006-14	MC0RF3	Water	1,2,3,4-Tetrachlorobenzene		1.700	J 0.75	5	ug/L
Total Svoc :						1.70		
Total Concentration:						35.20		
Client ID : MC0RH3								
P2006-15	MC0RH3	Water	2,4,6-Trichlorobenzyl alcohol	*	2.200	J		
P2006-15	MC0RH3	Water	2,6-Dichlorobenzyl alcohol	*	2.200	J		
P2006-15	MC0RH3	Water	4-Chloro-2-nitrophenol	*	5.300	J		
P2006-15	MC0RH3	Water	Benzene, 1,2-dichloro-3-methyl-	*	7.000	J		
P2006-15	MC0RH3	Water	Benzene, 1,2-dichloro-4-methyl-	*	2.500	J		

Hit Summary Sheet SW-846

SDG No.: BN041024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2006-15	MC0RH3	Water	Benzene, 1,4-dichloro-2-methyl-	*	6.500	J		
P2006-15	MC0RH3	Water	Benzene, 1-bromo-2-chloro-	*	15.000	J		
P2006-15	MC0RH3	Water	Benzene, 1-bromo-4-chloro-	*	23.000	J		
P2006-15	MC0RH3	Water	Benzene, 1-chloro-2-nitro-	*	20.000	J		
P2006-15	MC0RH3	Water	Benzene, 1-chloro-3-nitro-	*	82.000	J		
P2006-15	MC0RH3	Water	unknown-01	*	23.000	J		
P2006-15	MC0RH3	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :					188.70			
P2006-15	MC0RH3	Water	1,2,3,4-Tetrachlorobenzene		130.000	E 0.77	5.1	ug/L
P2006-15	MC0RH3	Water	1,2,4,5-Tetrachlorobenzene		54.000	1.8	5.1	ug/L
P2006-15	MC0RH3	Water	2-Nitrophenol		6.000	1.4	5.1	ug/L
P2006-15	MC0RH3	Water	Nitrobenzene		190.000	E 1.3	5.1	ug/L
P2006-15	MC0RH3	Water	Pentachlorobenzene		5.900	1.3	5.1	ug/L
Total Svoc :					385.90			
Total Concentration:					574.60			
Client ID : MC0RH4								
P2006-16	MC0RH4	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : E0MC7								
P2014-01	E0MC7	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : E0MC9								
P2014-02	E0MC9	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : E0MD0								
P2014-03	E0MD0	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : C0AN7								
P2035-01	C0AN7	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			



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
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.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN032824SAS No.: BN032824SDG 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.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

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

Lab File ID: BN030519.D Time Analyzed: 10:29

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	SBLK124	204039	7.68	926927	10.46	660606	14.32
02	SBLK122	168812	7.68	785783	10.46	569676	14.32
03	C0AK5DL	160023	7.68	741122	10.46	534576	14.32
04	C0AJ4DL	166485	7.68	766006	10.46	533766	14.32
05	C0AL1DL	166665	7.68	775187	10.46	553233	14.32
06	SLCS989	179118	7.68	840468	10.46	588233	14.32
07	YCSSL0	199530	7.68	916042	10.46	636735	14.32
08	YCSSL0MS	193089	7.68	873493	10.46	615597	14.32
09	YCSSL0MSD	192115	7.68	884689	10.46	613989	14.32
10	YCSW4	160444	7.68	760679	10.46	542858	14.32
11	MC0RF2	144919	7.69	704272	10.48	493734	14.32
12	MC0RF3	174498	7.68	813421	10.46	556918	14.32
13	SLCS124	203868	7.68	947059	10.46	657962	14.32
14	SBLK141	147633	7.68	695960	10.46	501644	14.32
15	MC0RH3	106245 *	7.71	728024	10.48	497781	14.32
16	MC0RH4	145600	7.68	683878	10.46	489383	14.32
17	SLCS141	190811	7.68	878419	10.46	607891	14.32
18	C0AK0	221947	7.68	1.00967e	10.46	704801	14.32
19	E0MC7	170718	7.68	801922	10.46	559774	14.32
20	E0MC9	167174	7.68	789786	10.46	565652	14.32
21	E0MD0	158290	7.68	739117	10.46	509442	14.32
22	C0AN7	173975	7.68	798523	10.46	549971	14.32
23	YCSQ2	139447	7.68	642653	10.46	457695	14.32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020212 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 03:43

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.						
24 YCSQ2MS	150769	7.68	688424	10.46	484285	14.32
25 YCSQ2MSD	173118	7.68	811269	10.46	559897	14.32
26 SLCS082	164850	7.68	762832	10.46	523236	14.32
27 SLCS122	141710	7.68	668518	10.46	467572	14.32
28 SBLK082	162155	7.68	752271	10.46	533749	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.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020353 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030810.D Time Analyzed: 10:29

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	235057	7.675	1.08571e+01	10.46	738885	14.32
UPPER LIMIT	470114	8.175	2171420	10.963	1477770	14.822
LOWER LIMIT	117528.5	7.175	542855	9.963	369442.5	13.822
EPA SAMPLE NO.						
01 SBLK124	204039	7.68	926927	10.46	660606	14.32
02 SBLK122	168812	7.68	785783	10.46	569676	14.32
03 C0AK5DL	160023	7.68	741122	10.46	534576	14.32
04 C0AJ4DL	166485	7.68	766006	10.46	533766	14.32
05 C0AL1DL	166665	7.68	775187	10.46	553233	14.32
06 SLCS989	179118	7.68	840468	10.46	588233	14.32
07 YCSS0	199530	7.68	916042	10.46	636735	14.32
08 YCSSOMS	193089	7.68	873493	10.46	615597	14.32
09 YCSSOMSD	192115	7.68	884689	10.46	613989	14.32
10 YCSW4	160444	7.68	760679	10.46	542858	14.32
11 MC0RF2	144919	7.69	704272	10.48	493734	14.32
12 MC0RF3	174498	7.68	813421	10.46	556918	14.32
13 SLCS124	203868	7.68	947059	10.46	657962	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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020354 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030824.D Time Analyzed: 21:09

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	194302	7.681	893867	10.46	625216	14.32
UPPER LIMIT	388604	8.181	1787734	10.957	1250432	14.822
LOWER LIMIT	97151	7.181	446933.5	9.957	312608	13.822
EPA SAMPLE NO.						
01 SBLK141	147633	7.68	695960	10.46	501644	14.32
02 MC0RH3	106245	7.71	728024	10.48	497781	14.32
03 MC0RH4	145600	7.68	683878	10.46	489383	14.32
04 SLCS141	190811	7.68	878419	10.46	607891	14.32
05 C0AK0	221947	7.68	1.00967e	10.46	704801	14.32
06 E0MC7	170718	7.68	801922	10.46	559774	14.32
07 E0MC9	167174	7.68	789786	10.46	565652	14.32
08 E0MD0	158290	7.68	739117	10.46	509442	14.32
09 C0AN7	173975	7.68	798523	10.46	549971	14.32
10 YCSQ2	139447	7.68	642653	10.46	457695	14.32
11 YCSQ2MS	150769	7.68	688424	10.46	484285	14.32
12 YCSQ2MSD	173118	7.68	811269	10.46	559897	14.32
13 SLCS082	164850	7.68	762832	10.46	523236	14.32
14 SLCS122	141710	7.68	668518	10.46	467572	14.32
15 SBLK082	162155	7.68	752271	10.46	533749	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.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

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

Lab File ID: BN030519.D Time Analyzed: 10:29

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	SBLK124	1.45822	17.07	1.3904e+0	21.31	1.44502e+	24.25
02	SBLK122	1.23687	17.07	1.15072e+	21.30	1.19742e+	24.24
03	C0AK5DL	1.20433	17.07	1.12348e+	21.30	1.12445e+	24.24
04	C0AJ4DL	1.19143	17.07	1.11533e+	21.30	1.09281e+	24.24
05	C0AL1DL	1.24931	17.07	1.11462e+	21.30	1.13844e+	24.23
06	SLCS989	1.2653e	17.07	1.24264e+	21.31	1.3193e+0	24.24
07	YCSSL0	1.40202	17.07	1.36236e+	21.31	1.3813e+0	24.24
08	YCSSL0MS	1.32174	17.08	1.24151e+	21.32	1.39282e+	24.25
09	YCSSL0MSD	1.31033	17.07	1.16784e+	21.31	1.27273e+	24.24
10	YCSW4	1.24431	17.07	1.24079e+	21.30	1.3244e+0	24.24
11	MC0RF2	1.10906	17.07	1.11137e+	21.30	1.22836e+	24.24
12	MC0RF3	1.21904	17.07	1.20375e+	21.30	1.25955e+	24.24
13	SLCS124	1.44105	17.07	1.39469e+	21.31	1.58198e+	24.24
14	SBLK141	1.08179	17.07	1.14595e+	21.30	1.24785e+	24.24
15	MC0RH3	1.10189	17.07	1.12963e+	21.30	1.26103e+	24.23
16	MC0RH4	1.08022	17.07	1.05874e+	21.30	1.0945e+0	24.24
17	SLCS141	1.3096e	17.07	1.28509e+	21.31	1.38929e+	24.24
18	C0AK0	1.5557e	17.07	1.42471e+	21.30	1.34145e+	24.23
19	E0MC7	1.24393	17.07	1.21921e+	21.30	1.35246e+	24.23
20	E0MC9	1.21348	17.07	1.2498e+0	21.30	1.30684e+	24.24
21	E0MD0	1.15408	17.07	1.13078e+	21.30	1.22177e+	24.23

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020212 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 02:24

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+0	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.						
22 COAN7	1.2722e	17.07	1.3331e+0	21.30	1.40801e+	24.23
23 YCSQ2	1.04571	17.07	1.11506e+	21.30	1.23001e+	24.24
24 YCSQ2MS	1.07319	17.07	1.11467e+	21.31	1.2422e+0	24.25
25 YCSQ2MSD	1.24178	17.07	1.26944e+	21.31	1.47473e+	24.24
26 SLCS082	1.17975	17.07	1.17145e+	21.31	1.33177e+	24.23
27 SLCS122	1.04268	17.07	1.097e+00	21.31	1.21487e+	24.23
28 SBLK082	1.25642	17.07	1.39223e+	21.30	1.51652e+	24.23

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.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020353 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030810.D Time Analyzed: 10:29

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	1.59737e+01	17.069	1.56144e+01	21.31	1.69654e+01	24.239
	UPPER LIMIT	3194740	17.569	3122880	21.81	3393080	24.739
	LOWER LIMIT	798685	16.569	780720	20.81	848270	23.739
	EPA SAMPLE NO.						
01	SBLK124	1.45822	17.07	1.3904e+0	21.31	1.44502e+	24.25
02	SBLK122	1.23687	17.07	1.15072e+	21.30	1.19742e+	24.24
03	COAK5DL	1.20433	17.07	1.12348e+	21.30	1.12445e+	24.24
04	COAJ4DL	1.19143	17.07	1.11533e+	21.30	1.09281e+	24.24
05	COAL1DL	1.24931	17.07	1.11462e+	21.30	1.13844e+	24.23
06	SLCS989	1.2653e	17.07	1.24264e+	21.31	1.3193e+0	24.24
07	YCSSL0	1.40202	17.07	1.36236e+	21.31	1.3813e+0	24.24
08	YCSSL0MS	1.32174	17.08	1.24151e+	21.32	1.39282e+	24.25
09	YCSSL0MSD	1.31033	17.07	1.16784e+	21.31	1.27273e+	24.24
10	YCSW4	1.24431	17.07	1.24079e+	21.30	1.3244e+0	24.24
11	MCORF2	1.10906	17.07	1.11137e+	21.30	1.22836e+	24.24
12	MCORF3	1.21904	17.07	1.20375e+	21.30	1.25955e+	24.24
13	SLCS124	1.44105	17.07	1.39469e+	21.31	1.58198e+	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020354 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BN030824.D Time Analyzed: 21:09

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	1.36932e+01	17.069	1.33703e+	21.31	1.48367e+01	24.239
	UPPER LIMIT	2738640	17.569	2674060	21.81	2967340	24.739
	LOWER LIMIT	684660	16.569	668515	20.81	741835	23.739
	EPA SAMPLE NO.						
01	SBLK141	1.08179	17.07	1.14595e+	21.30	1.24785e+	24.24
02	MCORH3	1.10189	17.07	1.12963e+	21.30	1.26103e+	24.23
03	MCORH4	1.08022	17.07	1.05874e+	21.30	1.0945e+0	24.24
04	SLCS141	1.3096e	17.07	1.28509e+	21.31	1.38929e+	24.24
05	COAK0	1.5557e	17.07	1.42471e+	21.30	1.34145e+	24.23
06	E0MC7	1.24393	17.07	1.21921e+	21.30	1.35246e+	24.23
07	E0MC9	1.21348	17.07	1.2498e+0	21.30	1.30684e+	24.24
08	E0MD0	1.15408	17.07	1.13078e+	21.30	1.22177e+	24.23
09	COAN7	1.2722e	17.07	1.3331e+0	21.30	1.40801e+	24.23
10	YCSQ2	1.04571	17.07	1.11506e+	21.30	1.23001e+	24.24
11	YCSQ2MS	1.07319	17.07	1.11467e+	21.31	1.2422e+0	24.25
12	YCSQ2MSD	1.24178	17.07	1.26944e+	21.31	1.47473e+	24.24
13	SLCS082	1.17975	17.07	1.17145e+	21.31	1.33177e+	24.23
14	SLCS122	1.04268	17.07	1.097e+00	21.31	1.21487e+	24.23
15	SBLK082	1.25642	17.07	1.39223e+	21.30	1.51652e+	24.23

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041024 SAS No.: BN041024 SDG NO.: BN041024

EPA Sample No.: SSTD020354 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BN030824.D Time Analyzed: 06:20

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	1.36932e+01	17.069	1.33703e+01	21.31	1.48367e+01	24.239
UPPER LIMIT	2738640	17.569	2674060	21.81	2967340	24.739
LOWER LIMIT	684660	16.569	668515	20.81	741835	23.739
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159989BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	40	ug/L	100				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	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	34	ug/L	85				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	36	ug/L	90				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				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	30	ug/L	75				0	0	
	Caprolactam	40	32	ug/L	80				0	0	
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				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	38	ug/L	95				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	33	ug/L	83				0	0	
	4-Nitrophenol	40	34	ug/L	85				0	0	
	Dibenzofuran	40	32	ug/L	80				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	32	ug/L	80				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0	
	4-Nitroaniline	40	42	ug/L	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159989BS	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	30	ug/L	75				0	0		
	Atrazine	40	31	ug/L	78				0	0		
	Pentachlorophenol	40	35	ug/L	88				0	0		
	Phenanthrene	40	33	ug/L	83				0	0		
	Pentachlorobenzene	40	31	ug/L	78				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	36	ug/L	90				0	0		
	Di-n-butylphthalate	40	35	ug/L	88				0	0		
	Fluoranthene	40	32	ug/L	80				0	0		
	Pyrene	40	32	ug/L	80				0	0		
	Butylbenzylphthalate	40	36	ug/L	90				0	0		
	3,3'-Dichlorobenzidine	40	35	ug/L	88				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				0	0		
	Di-n-octylphthalate	40	36	ug/L	90				0	0		
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				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.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160082BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	38	ug/L	95				0	0		
	Pyridine	40	31	ug/L	78				0	0		
	Phenol	40	34	ug/L	85				0	0		
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				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	33	ug/L	83				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	28	ug/L	70				0	0		
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0		
	2,4-Dichlorophenol	40	36	ug/L	90				0	0		
	Naphthalene	40	32	ug/L	80				0	0		
	4-Chloroaniline	40	31	ug/L	78				0	0		
	Hexachlorobutadiene	40	32	ug/L	80				0	0		
	Caprolactam	40	36	ug/L	90				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	26	ug/L	65				0	0		
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0		
	2,4,5-Trichlorophenol	40	37	ug/L	93				0	0		
	1,1'-Biphenyl	40	34	ug/L	85				0	0		
	2-Chloronaphthalene	40	34	ug/L	85				0	0		
	2-Nitroaniline	40	38	ug/L	95				0	0		
	Dimethylphthalate	40	34	ug/L	85				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	33	ug/L	83				0	0		
	3-Nitroaniline	40	41	ug/L	103				0	0		
	Acenaphthene	40	33	ug/L	83				0	0		
	2,4-Dinitrophenol	40	37	ug/L	93				0	0		
	4-Nitrophenol	40	37	ug/L	93				0	0		
	Dibenzofuran	40	34	ug/L	85				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	34	ug/L	85				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160082BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0		
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0		
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0		
	Hexachlorobenzene	40	32	ug/L	80				0	0		
	Atrazine	40	35	ug/L	88				0	0		
	Pentachlorophenol	40	37	ug/L	93				0	0		
	Phenanthrene	40	33	ug/L	83				0	0		
	Pentachlorobenzene	40	32	ug/L	80				0	0		
	Anthracene	40	32	ug/L	80				0	0		
	1,2,3,4-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	Carbazole	40	37	ug/L	93				0	0		
	Di-n-butylphthalate	40	36	ug/L	90				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	33	ug/L	83				0	0		
	Butylbenzylphthalate	40	39	ug/L	98				0	0		
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0		
	Benzo(a)anthracene	40	34	ug/L	85				0	0		
	Chrysene	40	34	ug/L	85				0	0		
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0		
	Di-n-octylphthalate	40	36	ug/L	90				0	0		
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0		
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(a)pyrene	40	31	ug/L	78				0	0		
	Indeno(1,2,3-cd)pyrene	40	36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0		
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0		
	2,3,4,6-Tetrachlorophenol	40	39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160122BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	38	ug/L	95				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	31	ug/L	78				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	27	ug/L	68				0	0		
	Bis(2-chloroethoxy)methane	40	30	ug/L	75				0	0		
	2,4-Dichlorophenol	40	34	ug/L	85				0	0		
	Naphthalene	40	31	ug/L	78				0	0		
	4-Chloroaniline	40	31	ug/L	78				0	0		
	Hexachlorobutadiene	40	31	ug/L	78				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0		
	1-Methylnaphthalene	40	32	ug/L	80				0	0		
	2-Methylnaphthalene	40	32	ug/L	80				0	0		
	Hexachlorocyclopentadiene	40	24	ug/L	60				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	33	ug/L	83				0	0		
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0		
	Acenaphthylene	40	32	ug/L	80				0	0		
	3-Nitroaniline	40	38	ug/L	95				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	34	ug/L	85				0	0		
	4-Nitrophenol	40	36	ug/L	90				0	0		
	Dibenzofuran	40	33	ug/L	83				0	0		
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0		
	Diethylphthalate	40	33	ug/L	83				0	0		
	Fluorene	40	33	ug/L	83				0	0		
	4-Chlorophenyl-phenylether	40	32	ug/L	80				0	0		
	4-Nitroaniline	40	43	ug/L	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160122BS	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	32	ug/L	80				0	0		
	Pentachlorophenol	40	35	ug/L	88				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	31	ug/L	78				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	30	ug/L	75				0	0		
	Pyrene	40	31	ug/L	78				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	34	ug/L	85				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	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160124BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	41	ug/L	103				0	0		
	Pyridine	40	30	ug/L	75				0	0		
	Phenol	40	34	ug/L	85				0	0		
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	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	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	28	ug/L	70				0	0		
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0		
	2,4-Dichlorophenol	40	36	ug/L	90				0	0		
	Naphthalene	40	32	ug/L	80				0	0		
	4-Chloroaniline	40	30	ug/L	75				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	36	ug/L	90				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	25	ug/L	63				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	33	ug/L	83				0	0		
	2-Chloronaphthalene	40	33	ug/L	83				0	0		
	2-Nitroaniline	40	37	ug/L	93				0	0		
	Dimethylphthalate	40	33	ug/L	83				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	33	ug/L	83				0	0		
	3-Nitroaniline	40	41	ug/L	103				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	37	ug/L	93				0	0		
	4-Nitrophenol	40	36	ug/L	90				0	0		
	Dibenzofuran	40	33	ug/L	83				0	0		
	2,4-Dinitrotoluene	40	38	ug/L	95				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.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160124BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0	
	Hexachlorobenzene	40	32	ug/L	80				0	0	
	Atrazine	40	33	ug/L	83				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	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	Carbazole	40	36	ug/L	90				0	0	
	Di-n-butylphthalate	40	36	ug/L	90				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	32	ug/L	80				0	0	
	Butylbenzylphthalate	40	40	ug/L	100				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	33	ug/L	83				0	0	
	Chrysene	40	34	ug/L	85				0	0	
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				0	0	
	Benzo(b)fluoranthene	40	33	ug/L	83				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	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0	
	2,3,4,6-Tetrachlorophenol	40	39	ug/L	98				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160141BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	41	ug/L	103				0	0		
	Pyridine	40	33	ug/L	83				0	0		
	Phenol	40	36	ug/L	90				0	0		
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0		
	2-Chlorophenol	40	36	ug/L	90				0	0		
	2-Methylphenol	40	35	ug/L	88				0	0		
	2,2-oxybis(1-Chloropropane)	40	31	ug/L	78				0	0		
	Acetophenone	40	34	ug/L	85				0	0		
	4-Methylphenol	40	36	ug/L	90				0	0		
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0		
	Hexachloroethane	40	34	ug/L	85				0	0		
	Nitrobenzene	40	35	ug/L	88				0	0		
	Isophorone	40	34	ug/L	85				0	0		
	2-Nitrophenol	40	41	ug/L	103				0	0		
	2,4-Dimethylphenol	40	32	ug/L	80				0	0		
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0		
	2,4-Dichlorophenol	40	37	ug/L	93				0	0		
	Naphthalene	40	34	ug/L	85				0	0		
	4-Chloroaniline	40	33	ug/L	83				0	0		
	Hexachlorobutadiene	40	34	ug/L	85				0	0		
	Caprolactam	40	37	ug/L	93				0	0		
	4-Chloro-3-methylphenol	40	38	ug/L	95				0	0		
	1-Methylnaphthalene	40	34	ug/L	85				0	0		
	2-Methylnaphthalene	40	35	ug/L	88				0	0		
	Hexachlorocyclopentadiene	40	28	ug/L	70				0	0		
	2,4,6-Trichlorophenol	40	39	ug/L	98				0	0		
	2,4,5-Trichlorophenol	40	39	ug/L	98				0	0		
	1,1'-Biphenyl	40	35	ug/L	88				0	0		
	2-Chloronaphthalene	40	35	ug/L	88				0	0		
	2-Nitroaniline	40	39	ug/L	98				0	0		
	Dimethylphthalate	40	35	ug/L	88				0	0		
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0		
	Acenaphthylene	40	34	ug/L	85				0	0		
	3-Nitroaniline	40	42	ug/L	105				0	0		
	Acenaphthene	40	34	ug/L	85				0	0		
	2,4-Dinitrophenol	40	39	ug/L	98				0	0		
	4-Nitrophenol	40	38	ug/L	95				0	0		
	Dibenzofuran	40	35	ug/L	88				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	35	ug/L	88				0	0		
	Fluorene	40	35	ug/L	88				0	0		
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0		
	4-Nitroaniline	40	46	ug/L	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160141BS	4,6-Dinitro-2-methylphenol	40	40	ug/L	100				0	0	
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0	
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0	
	Hexachlorobenzene	40	35	ug/L	88				0	0	
	Atrazine	40	36	ug/L	90				0	0	
	Pentachlorophenol	40	39	ug/L	98				0	0	
	Phenanthrene	40	35	ug/L	88				0	0	
	Pentachlorobenzene	40	34	ug/L	85				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	39	ug/L	98				0	0	
	Di-n-butylphthalate	40	38	ug/L	95				0	0	
	Fluoranthene	40	35	ug/L	88				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	41	ug/L	103				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0	
	Di-n-octylphthalate	40	40	ug/L	100				0	0	
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(a)pyrene	40	33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	40	37	ug/L	93				0	0	
	Benzo(g,h,i)perylene	40	37	ug/L	93				0	0	
	2,3,4,6-Tetrachlorophenol	40	40	ug/L	100				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS989

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041024

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030816.D

Lab Sample ID: PB159989BS

Instrument ID: BNA_N

Date Extracted: 04/03/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 14:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159989BS	PB159989BS	BN030816.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK082

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041024

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030839.D

Lab Sample ID: PB160082BL

Instrument ID: BNA_N

Date Extracted: 04/07/2024

Matrix: (soil/water) Water

Date Analyzed: 04/11/2024

Level: (low/med) LOW

Time Analyzed: 06:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSQ2	P1982-06	BN030834.D	04/11/2024
YCSQ2MS	P1982-07MS	BN030835.D	04/11/2024
YCSQ2MSD	P1982-08MSD	BN030836.D	04/11/2024
PB160082BS	PB160082BS	BN030837.D	04/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK122

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041024

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030812.D

Lab Sample ID: PB160122BL

Instrument ID: BNA_N

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 11:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160122BS	PB160122BS	BN030838.D	04/11/2024
YCSSL0	P1973-09	BN030817.D	04/10/2024
YCSSL0MS	P1973-10MS	BN030818.D	04/10/2024
YCSSL0MSD	P1973-11MSD	BN030819.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK124

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041024

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030811.D

Lab Sample ID: PB160124BL

Instrument ID: BNA_N

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 10:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSW4	P1973-13	BN030820.D	04/10/2024
MC0RF2	P2006-13	BN030821.D	04/10/2024
MC0RF3	P2006-14	BN030822.D	04/10/2024
PB160124BS	PB160124BS	BN030823.D	04/10/2024
MC0RH3	P2006-15	BN030826.D	04/10/2024
MC0RH4	P2006-16	BN030827.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041024

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030825.D

Lab Sample ID: PB160141BL

Instrument ID: BNA_N

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 21:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160141BS	PB160141BS	BN030828.D	04/10/2024
C0AK0	P1970-09	BN030829.D	04/10/2024
E0MC7	P2014-01	BN030830.D	04/11/2024
E0MC9	P2014-02	BN030831.D	04/11/2024
E0MD0	P2014-03	BN030832.D	04/11/2024
C0AN7	P2035-01	BN030833.D	04/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1982-07MS	Client Sample ID:	YCSQ2MS					DataFile:	BN030835.D		
1,4-Dioxane	16		7.6	ug/L	48				15	120	
Benzaldehyde	40		63	ug/L	158				0	0	
Pyridine	40		20	ug/L	50				0	0	
Phenol	40		14	ug/L	35				12	110	
Bis(2-chloroethyl)ether	40		45	ug/L	113				0	0	
2-Chlorophenol	40		40	ug/L	100				27	123	
2-Methylphenol	40		31	ug/L	78				0	0	
2,2-oxybis(1-Chloropropane)	40		42	ug/L	105				0	0	
Acetophenone	40		46	ug/L	115				0	0	
4-Methylphenol	40		28	ug/L	70				0	0	
N-Nitroso-di-n-propylamine	40		46	ug/L	115				41	116	
Hexachloroethane	40		45	ug/L	113				0	0	
Nitrobenzene	40		47	ug/L	117				0	0	
Isophorone	40		47	ug/L	117				0	0	
2-Nitrophenol	40		53	ug/L	133				0	0	
2,4-Dimethylphenol	40		35	ug/L	88				0	0	
Bis(2-chloroethoxy)methane	40		46	ug/L	115				0	0	
2,4-Dichlorophenol	40		47	ug/L	117				0	0	
Naphthalene	40		46	ug/L	115				0	0	
4-Chloroaniline	40		43	ug/L	108				0	0	
Hexachlorobutadiene	40		44	ug/L	110				0	0	
Caprolactam	40		8.7	ug/L	22				0	0	
4-Chloro-3-methylphenol	40		44	ug/L	110	*			23	97	
1-Methylnaphthalene	40		48	ug/L	120				0	0	
2-Methylnaphthalene	40		47	ug/L	117				0	0	
Hexachlorocyclopentadiene	40		30	ug/L	75				0	0	
2,4,6-Trichlorophenol	40		51	ug/L	128				0	0	
2,4,5-Trichlorophenol	40		50	ug/L	125				0	0	
1,1'-Biphenyl	40		47	ug/L	117				0	0	
2-Chloronaphthalene	40		46	ug/L	115				0	0	
2-Nitroaniline	40		55	ug/L	138				0	0	
Dimethylphthalate	40		48	ug/L	120				0	0	
2,6-Dinitrotoluene	40		55	ug/L	138				0	0	
Acenaphthylene	40		47	ug/L	117				0	0	
3-Nitroaniline	40		57	ug/L	143				0	0	
Acenaphthene	40		46	ug/L	115				46	118	
2,4-Dinitrophenol	40		55	ug/L	138				0	0	
4-Nitrophenol	40		15	ug/L	38				10	80	
Dibenzofuran	40		47	ug/L	117				0	0	
2,4-Dinitrotoluene	40		58	ug/L	145	*			24	96	
Diethylphthalate	40		50	ug/L	125				0	0	
Fluorene	40		48	ug/L	120				0	0	
4-Chlorophenyl-phenylether	40		46	ug/L	115				0	0	
4-Nitroaniline	40		66	ug/L	165				0	0	
4,6-Dinitro-2-methylphenol	40		54	ug/L	135				0	0	
N-Nitrosodiphenylamine	40		45	ug/L	113				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

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		46	ug/L	115				0	0	
4-Bromophenyl-phenylether	40		49	ug/L	123				0	0	
Hexachlorobenzene	40		48	ug/L	120				0	0	
Atrazine	40		53	ug/L	133				0	0	
Pentachlorophenol	40		52	ug/L	130	*			9	103	
Phenanthrene	40		48	ug/L	120				0	0	
Pentachlorobenzene	40		45	ug/L	113				0	0	
Anthracene	40		48	ug/L	120				0	0	
1,2,3,4-Tetrachlorobenzene	40		45	ug/L	113				0	0	
Carbazole	40		55	ug/L	138				0	0	
Di-n-butylphthalate	40		54	ug/L	135				0	0	
Fluoranthene	40		46	ug/L	115				0	0	
Pyrene	40		47	ug/L	117				26	127	
Butylbenzylphthalate	40		57	ug/L	143				0	0	
3,3'-Dichlorobenzidine	40		46	ug/L	115				0	0	
Benzo(a)anthracene	40		48	ug/L	120				0	0	
Chrysene	40		50	ug/L	125				0	0	
Bis(2-ethylhexyl)phthalate	40		54	ug/L	135				0	0	
Di-n-octylphthalate	40		55	ug/L	138				0	0	
Benzo(b)fluoranthene	40		51	ug/L	128				0	0	
Benzo(k)fluoranthene	40		52	ug/L	130				0	0	
Benzo(a)pyrene	40		47	ug/L	117				0	0	
Indeno(1,2,3-cd)pyrene	40		56	ug/L	140				0	0	
Dibenzo(a,h)anthracene	40		55	ug/L	138				0	0	
Benzo(g,h,i)perylene	40		55	ug/L	138				0	0	
2,3,4,6-Tetrachlorophenol	40		54	ug/L	135				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1982-08MSD	Client Sample ID:	YCSQ2MSD					DataFile:	BN030836.D		
1,4-Dioxane	16		6.7	ug/L	42		13		15	120	50
Benzaldehyde	40		54	ug/L	135		16	*	0	0	0
Pyridine	40		17	ug/L	43		15	*	0	0	0
Phenol	40		12	ug/L	30		15		12	110	42
Bis(2-chloroethyl)ether	40		39	ug/L	98		14	*	0	0	0
2-Chlorophenol	40		35	ug/L	88		13		27	123	40
2-Methylphenol	40		28	ug/L	70		11	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		37	ug/L	93		12	*	0	0	0
Acetophenone	40		40	ug/L	100		14	*	0	0	0
4-Methylphenol	40		25	ug/L	63		11	*	0	0	0
N-Nitroso-di-n-propylamine	40		40	ug/L	100		14		41	116	38
Hexachloroethane	40		38	ug/L	95		17	*	0	0	0
Nitrobenzene	40		40	ug/L	100		16	*	0	0	0
Isophorone	40		40	ug/L	100		16	*	0	0	0
2-Nitrophenol	40		46	ug/L	115		15	*	0	0	0
2,4-Dimethylphenol	40		31	ug/L	78		12	*	0	0	0
Bis(2-chloroethoxy)methane	40		39	ug/L	98		16	*	0	0	0
2,4-Dichlorophenol	40		39	ug/L	98		18	*	0	0	0
Naphthalene	40		39	ug/L	98		16	*	0	0	0
4-Chloroaniline	40		37	ug/L	93		15	*	0	0	0
Hexachlorobutadiene	40		37	ug/L	93		17	*	0	0	0
Caprolactam	40		8	ug/L	20		10	*	0	0	0
4-Chloro-3-methylphenol	40		39	ug/L	98	*	12		23	97	42
1-Methylnaphthalene	40		40	ug/L	100		18	*	0	0	0
2-Methylnaphthalene	40		40	ug/L	100		16	*	0	0	0
Hexachlorocyclopentadiene	40		24	ug/L	60		22	*	0	0	0
2,4,6-Trichlorophenol	40		46	ug/L	115		11	*	0	0	0
2,4,5-Trichlorophenol	40		45	ug/L	113		10	*	0	0	0
1,1'-Biphenyl	40		41	ug/L	103		13	*	0	0	0
2-Chloronaphthalene	40		41	ug/L	103		11	*	0	0	0
2-Nitroaniline	40		50	ug/L	125		10	*	0	0	0
Dimethylphthalate	40		43	ug/L	108		11	*	0	0	0
2,6-Dinitrotoluene	40		49	ug/L	123		11	*	0	0	0
Acenaphthylene	40		41	ug/L	103		13	*	0	0	0
3-Nitroaniline	40		52	ug/L	130		10	*	0	0	0
Acenaphthene	40		41	ug/L	103		11		46	118	31
2,4-Dinitrophenol	40		51	ug/L	128		8	*	0	0	0
4-Nitrophenol	40		14	ug/L	35		8		10	80	50
Dibenzofuran	40		42	ug/L	105		11	*	0	0	0
2,4-Dinitrotoluene	40		51	ug/L	128	*	12		24	96	38
Diethylphthalate	40		44	ug/L	110		13	*	0	0	0
Fluorene	40		42	ug/L	105		13	*	0	0	0
4-Chlorophenyl-phenylether	40		41	ug/L	103		11	*	0	0	0
4-Nitroaniline	40		58	ug/L	145		13	*	0	0	0
4,6-Dinitro-2-methylphenol	40		50	ug/L	125		8	*	0	0	0
N-Nitrosodiphenylamine	40		40	ug/L	100		12	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

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		40	ug/L	100		14	*	0	0	0
4-Bromophenyl-phenylether	40		43	ug/L	108		13	*	0	0	0
Hexachlorobenzene	40		41	ug/L	103		15	*	0	0	0
Atrazine	40		45	ug/L	113		16	*	0	0	0
Pentachlorophenol	40		46	ug/L	115	*	12		9	103	50
Phenanthrene	40		43	ug/L	108		11	*	0	0	0
Pentachlorobenzene	40		41	ug/L	103		9	*	0	0	0
Anthracene	40		42	ug/L	105		13	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		39	ug/L	98		14	*	0	0	0
Carbazole	40		48	ug/L	120		14	*	0	0	0
Di-n-butylphthalate	40		47	ug/L	117		14	*	0	0	0
Fluoranthene	40		41	ug/L	103		11	*	0	0	0
Pyrene	40		42	ug/L	105		11		26	127	31
Butylbenzylphthalate	40		50	ug/L	125		13	*	0	0	0
3,3'-Dichlorobenzidine	40		42	ug/L	105		9	*	0	0	0
Benzo(a)anthracene	40		43	ug/L	108		11	*	0	0	0
Chrysene	40		44	ug/L	110		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		47	ug/L	117		14	*	0	0	0
Di-n-octylphthalate	40		47	ug/L	117		16	*	0	0	0
Benzo(b)fluoranthene	40		43	ug/L	108		17	*	0	0	0
Benzo(k)fluoranthene	40		43	ug/L	108		18	*	0	0	0
Benzo(a)pyrene	40		39	ug/L	98		18	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		48	ug/L	120		15	*	0	0	0
Dibenzo(a,h)anthracene	40		45	ug/L	113		20	*	0	0	0
Benzo(g,h,i)perylene	40		45	ug/L	113		20	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		49	ug/L	123		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1973-10MS	Client Sample ID:	YCSS0MS					DataFile:	BN030818.D		
1,4-Dioxane	16		3.9	ug/L	24				15	120	
Benzaldehyde	40		40	ug/L	100				0	0	
Pyridine	40		11	ug/L	28				0	0	
Phenol	40		6.7	ug/L	17				12	110	
Bis(2-chloroethyl)ether	40		31	ug/L	78				0	0	
2-Chlorophenol	40		26	ug/L	65				27	123	
2-Methylphenol	40		19	ug/L	48				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		16	ug/L	40				0	0	
N-Nitroso-di-n-propylamine	40		32	ug/L	80				41	116	
Hexachloroethane	40		31	ug/L	78				0	0	
Nitrobenzene	40		33	ug/L	83				0	0	
Isophorone	40		33	ug/L	83				0	0	
2-Nitrophenol	40		38	ug/L	95				0	0	
2,4-Dimethylphenol	40		30	ug/L	75				0	0	
Bis(2-chloroethoxy)methane	40		32	ug/L	80				0	0	
2,4-Dichlorophenol	40		35	ug/L	88				0	0	
Naphthalene	40		33	ug/L	83				0	0	
4-Chloroaniline	40		31	ug/L	78				0	0	
Hexachlorobutadiene	40		32	ug/L	80				0	0	
Caprolactam	40		60	ug/L	150				0	0	
4-Chloro-3-methylphenol	40		33	ug/L	83				23	97	
1-Methylnaphthalene	40		35	ug/L	88				0	0	
2-Methylnaphthalene	40		35	ug/L	88				0	0	
Hexachlorocyclopentadiene	40		24	ug/L	60				0	0	
2,4,6-Trichlorophenol	40		41	ug/L	103				0	0	
2,4,5-Trichlorophenol	40		40	ug/L	100				0	0	
1,1'-Biphenyl	40		36	ug/L	90				0	0	
2-Chloronaphthalene	40		36	ug/L	90				0	0	
2-Nitroaniline	40		43	ug/L	108				0	0	
Dimethylphthalate	40		38	ug/L	95				0	0	
2,6-Dinitrotoluene	40		43	ug/L	108				0	0	
Acenaphthylene	40		37	ug/L	93				0	0	
3-Nitroaniline	40		41	ug/L	103				0	0	
Acenaphthene	40		37	ug/L	93				46	118	
2,4-Dinitrophenol	40		42	ug/L	105				0	0	
4-Nitrophenol	40		7.8	ug/L	20				10	80	
Dibenzofuran	40		38	ug/L	95				0	0	
2,4-Dinitrotoluene	40		44	ug/L	110		*		24	96	
Diethylphthalate	40		40	ug/L	100				0	0	
Fluorene	40		38	ug/L	95				0	0	
4-Chlorophenyl-phenylether	40		37	ug/L	93				0	0	
4-Nitroaniline	40		49	ug/L	123				0	0	
4,6-Dinitro-2-methylphenol	40		44	ug/L	110				0	0	
N-Nitrosodiphenylamine	40		40	ug/L	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

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		35	ug/L	88				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		42	ug/L	105	*			9	103	
Phenanthrene	40		39	ug/L	98				0	0	
Pentachlorobenzene	40		37	ug/L	93				0	0	
Anthracene	40		39	ug/L	98				0	0	
1,2,3,4-Tetrachlorobenzene	40		36	ug/L	90				0	0	
Carbazole	40		44	ug/L	110				0	0	
Di-n-butylphthalate	40		45	ug/L	113				0	0	
Fluoranthene	40		40	ug/L	100				0	0	
Pyrene	40		41	ug/L	103				26	127	
Butylbenzylphthalate	40		49	ug/L	123				0	0	
3,3'-Dichlorobenzidine	40		34	ug/L	85				0	0	
Benzo(a)anthracene	40		41	ug/L	103				0	0	
Chrysene	40		42	ug/L	105				0	0	
Bis(2-ethylhexyl)phthalate	40		47	ug/L	117				0	0	
Di-n-octylphthalate	40		47	ug/L	117				0	0	
Benzo(b)fluoranthene	40		41	ug/L	103				0	0	
Benzo(k)fluoranthene	40		40	ug/L	100				0	0	
Benzo(a)pyrene	40		38	ug/L	95				0	0	
Indeno(1,2,3-cd)pyrene	40		43	ug/L	108				0	0	
Dibenzo(a,h)anthracene	40		41	ug/L	103				0	0	
Benzo(g,h,i)perylene	40		42	ug/L	105				0	0	
2,3,4,6-Tetrachlorophenol	40		45	ug/L	113				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1973-11MSD	Client Sample ID:	YCSS0MSD					DataFile:	BN030819.D		
1,4-Dioxane	16		4.6	ug/L	29		19		15	120	50
Benzaldehyde	40		43	ug/L	108		8	*	0	0	0
Pyridine	40		13	ug/L	33		16	*	0	0	0
Phenol	40		6.5	ug/L	16		6		12	110	42
Bis(2-chloroethyl)ether	40		34	ug/L	85		9	*	0	0	0
2-Chlorophenol	40		26	ug/L	65		0		27	123	40
2-Methylphenol	40		19	ug/L	48		0		0	0	0
2,2-oxybis(1-Chloropropane)	40		32	ug/L	80		6	*	0	0	0
Acetophenone	40		36	ug/L	90		8	*	0	0	0
4-Methylphenol	40		16	ug/L	40		0		0	0	0
N-Nitroso-di-n-propylamine	40		35	ug/L	88		10		41	116	38
Hexachloroethane	40		34	ug/L	85		9	*	0	0	0
Nitrobenzene	40		36	ug/L	90		8	*	0	0	0
Isophorone	40		36	ug/L	90		8	*	0	0	0
2-Nitrophenol	40		40	ug/L	100		5	*	0	0	0
2,4-Dimethylphenol	40		31	ug/L	78		4	*	0	0	0
Bis(2-chloroethoxy)methane	40		35	ug/L	88		10	*	0	0	0
2,4-Dichlorophenol	40		36	ug/L	90		2	*	0	0	0
Naphthalene	40		36	ug/L	90		8	*	0	0	0
4-Chloroaniline	40		33	ug/L	83		6	*	0	0	0
Hexachlorobutadiene	40		35	ug/L	88		10	*	0	0	0
Caprolactam	40		62	ug/L	155		3	*	0	0	0
4-Chloro-3-methylphenol	40		34	ug/L	85		2		23	97	42
1-Methylnaphthalene	40		38	ug/L	95		8	*	0	0	0
2-Methylnaphthalene	40		38	ug/L	95		8	*	0	0	0
Hexachlorocyclopentadiene	40		26	ug/L	65		8	*	0	0	0
2,4,6-Trichlorophenol	40		44	ug/L	110		7	*	0	0	0
2,4,5-Trichlorophenol	40		43	ug/L	108		8	*	0	0	0
1,1'-Biphenyl	40		39	ug/L	98		9	*	0	0	0
2-Chloronaphthalene	40		38	ug/L	95		5	*	0	0	0
2-Nitroaniline	40		46	ug/L	115		6	*	0	0	0
Dimethylphthalate	40		40	ug/L	100		5	*	0	0	0
2,6-Dinitrotoluene	40		46	ug/L	115		6	*	0	0	0
Acenaphthylene	40		39	ug/L	98		5	*	0	0	0
3-Nitroaniline	40		45	ug/L	113		9	*	0	0	0
Acenaphthene	40		39	ug/L	98		5		46	118	31
2,4-Dinitrophenol	40		44	ug/L	110		5	*	0	0	0
4-Nitrophenol	40		7.4	ug/L	19		5		10	80	50
Dibenzofuran	40		40	ug/L	100		5	*	0	0	0
2,4-Dinitrotoluene	40		47	ug/L	117	*	6		24	96	38
Diethylphthalate	40		42	ug/L	105		5	*	0	0	0
Fluorene	40		40	ug/L	100		5	*	0	0	0
4-Chlorophenyl-phenylether	40		39	ug/L	98		5	*	0	0	0
4-Nitroaniline	40		52	ug/L	130		6	*	0	0	0
4,6-Dinitro-2-methylphenol	40		45	ug/L	113		3	*	0	0	0
N-Nitrosodiphenylamine	40		42	ug/L	105		5	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041024

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		8	*	0	0	0
4-Bromophenyl-phenylether	40		42	ug/L	105		2	*	0	0	0
Hexachlorobenzene	40		41	ug/L	103		8	*	0	0	0
Atrazine	40		45	ug/L	113		5	*	0	0	0
Pentachlorophenol	40		44	ug/L	110	*	5		9	103	50
Phenanthrene	40		41	ug/L	103		5	*	0	0	0
Pentachlorobenzene	40		40	ug/L	100		7	*	0	0	0
Anthracene	40		41	ug/L	103		5	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		40	ug/L	100		11	*	0	0	0
Carbazole	40		46	ug/L	115		4	*	0	0	0
Di-n-butylphthalate	40		47	ug/L	117		3	*	0	0	0
Fluoranthene	40		44	ug/L	110		10	*	0	0	0
Pyrene	40		44	ug/L	110		7		26	127	31
Butylbenzylphthalate	40		53	ug/L	133		8	*	0	0	0
3,3'-Dichlorobenzidine	40		36	ug/L	90		6	*	0	0	0
Benzo(a)anthracene	40		43	ug/L	108		5	*	0	0	0
Chrysene	40		43	ug/L	108		3	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		50	ug/L	125		7	*	0	0	0
Di-n-octylphthalate	40		51	ug/L	128		9	*	0	0	0
Benzo(b)fluoranthene	40		45	ug/L	113		9	*	0	0	0
Benzo(k)fluoranthene	40		43	ug/L	108		8	*	0	0	0
Benzo(a)pyrene	40		38	ug/L	95		0		0	0	0
Indeno(1,2,3-cd)pyrene	40		44	ug/L	110		2	*	0	0	0
Dibenzo(a,h)anthracene	40		43	ug/L	108		5	*	0	0	0
Benzo(g,h,i)perylene	40		43	ug/L	108		3	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		46	ug/L	115		2	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1948-15DL	C0AJ4DL	BN030814.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	8.52	21		20	120
			Phenol-d5	40	4.08	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.17	70		25	120
			2-Chlorophenol-d4	40	17.71	44		20	130
			4-Methylphenol-d8	40	9.82	25		25	125
			Nitrobenzene-d5	40	22.41	56		20	125
			2-Nitrophenol-d4	40	19.87	50		20	130
			2,4-Dichlorophenol-d3	40	20.74	52		20	120
			4-Chloroaniline-d4	40	18.31	46		1	146
			Dimethylphthalate-d6	40	33.50	84		25	130
			Acenaphthylene-d8	40	29.30	73		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	35.75	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	11.19	28		10	130
			Anthracene-d10	40	36.06	90		25	130
			Pyrene-d10	40	38.44	96		15	130
			Benzo(a)pyrene-d12	40	32.17	80		20	130
P1948-16DL	C0AK5DL	BN030813.D	Pyridine-d5	40	2.61	7	*	20	120
			1,4-Dioxane-d8	8	3.67	46		15	120
			Phenol-d5	40	3.54	9	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	24.17	60		25	120
			2-Chlorophenol-d4	40	14.37	36		20	130
			4-Methylphenol-d8	40	7.54	19	*	25	125
			Nitrobenzene-d5	40	19.35	48		20	125
			2-Nitrophenol-d4	40	15.35	38		20	130
			2,4-Dichlorophenol-d3	40	14.57	36		20	120
			4-Chloroaniline-d4	40	14.69	37		1	146
			Dimethylphthalate-d6	40	29.31	73		25	130
			Acenaphthylene-d8	40	25.23	63		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	31.16	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	33.35	83		25	130
			Pyrene-d10	40	35.94	90		15	130
			Benzo(a)pyrene-d12	40	28.19	70		20	130

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1948-19DL	C0AL1DL	BN030815.D	1,4-Dioxane-d8	8	5.76	72		15	120
			Pyridine-d5	40	14.27	36		20	120
			Phenol-d5	40	4.85	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.84	77		25	120
			2-Chlorophenol-d4	40	20.72	52		20	130
			4-Methylphenol-d8	40	11.16	28		25	125
			Nitrobenzene-d5	40	25.20	63		20	125
			2-Nitrophenol-d4	40	20.94	52		20	130
			2,4-Dichlorophenol-d3	40	20.65	52		20	120
			4-Chloroaniline-d4	40	22.63	57		1	146
			Dimethylphthalate-d6	40	34.14	85		25	130
			Acenaphthylene-d8	40	30.81	77		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	37.70	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	37.34	93		25	130
			Pyrene-d10	40	39.38	98		15	130
			Benzo(a)pyrene-d12	40	31.59	79		20	130
PB159989BS	PB159989BS	BN030816.D	1,4-Dioxane-d8	8	7.88	98		15	120
			Pyridine-d5	40	31.46	79		20	120
			Phenol-d5	40	33.63	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.15	80		25	120
			2-Chlorophenol-d4	40	34.83	87		20	130
			4-Methylphenol-d8	40	33.14	83		25	125
			Nitrobenzene-d5	40	33.80	85		20	125
			2-Nitrophenol-d4	40	37.28	93		20	130
			2,4-Dichlorophenol-d3	40	35.45	89		20	120
			4-Chloroaniline-d4	40	29.84	75		1	146
			Dimethylphthalate-d6	40	33.62	84		25	130
			Acenaphthylene-d8	40	33.58	84		10	130
			4-Nitrophenol-d4	40	34.12	85		10	150
			Fluorene-d10	40	33.46	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.41	84		10	130
			Anthracene-d10	40	33.50	84		25	130
			Pyrene-d10	40	33.38	83		15	130
			Benzo(a)pyrene-d12	40	35.39	88		20	130

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1982-06	YCSQ2	BN030834.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	8.24	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.19	100		25	120
			2-Chlorophenol-d4	40	33.28	83		20	130
			4-Methylphenol-d8	40	20.21	51		25	125
			Nitrobenzene-d5	40	43.77	109		20	125
			2-Nitrophenol-d4	40	47.57	119		20	130
			2,4-Dichlorophenol-d3	40	39.70	99		20	120
			4-Chloroaniline-d4	40	35.22	88		1	146
			Dimethylphthalate-d6	40	45.54	114		25	130
			Acenaphthylene-d8	40	45.06	113		10	130
			4-Nitrophenol-d4	40	6.00	15		10	150
			Fluorene-d10	40	47.17	118		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.85	92		10	130
			Anthracene-d10	40	49.37	123		25	130
			Pyrene-d10	40	47.21	118		15	130
			Benzo(a)pyrene-d12	40	51.46	129		20	130
P1982-07MS	YCSQ2MS	BN030835.D	1,4-Dioxane-d8	8	7.39	92		15	120
			Pyridine-d5	40	19.84	50		20	120
			Phenol-d5	40	13.13	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	44.30	111		25	120
			2-Chlorophenol-d4	40	39.96	100		20	130
			4-Methylphenol-d8	40	26.55	66		25	125
			Nitrobenzene-d5	40	49.76	124		20	125
			2-Nitrophenol-d4	40	54.87	137	*	20	130
			2,4-Dichlorophenol-d3	40	46.86	117		20	120
			4-Chloroaniline-d4	40	42.39	106		1	146
			Dimethylphthalate-d6	40	49.14	123		25	130
			Acenaphthylene-d8	40	48.10	120		10	130
			4-Nitrophenol-d4	40	15.12	38		10	150
			Fluorene-d10	40	48.98	122		25	125
			4,6-Dinitro-2-methylphenol-d2	40	54.28	136	*	10	130
			Anthracene-d10	40	49.76	124		25	130
			Pyrene-d10	40	46.67	117		15	130
			Benzo(a)pyrene-d12	40	53.91	135	*	20	130
P1982-08MSD	YCSQ2MSD	BN030836.D	1,4-Dioxane-d8	8	6.12	77		15	120
			Pyridine-d5	40	16.63	42		20	120
			Phenol-d5	40	11.71	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.46	101		25	120
			2-Chlorophenol-d4	40	36.57	91		20	130
			4-Methylphenol-d8	40	24.24	61		25	125
			Nitrobenzene-d5	40	44.60	111		20	125
			2-Nitrophenol-d4	40	49.60	124		20	130
			2,4-Dichlorophenol-d3	40	41.92	105		20	120
			4-Chloroaniline-d4	40	37.83	95		1	146
			Dimethylphthalate-d6	40	45.41	114		25	130
			Acenaphthylene-d8	40	44.59	111		10	130
			4-Nitrophenol-d4	40	13.77	34		10	150

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1982-08MSD	YCSQ2MSD	BN030836.D	Fluorene-d10	40	44.53	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	51.52	129		10	130
			Anthracene-d10	40	45.10	113		25	130
			Pyrene-d10	40	43.25	108		15	130
			Benzo(a)pyrene-d12	40	46.68	117		20	130
PB160082BL	PB160082BL	BN030839.D	1,4-Dioxane-d8	8	6.41	80		15	120
			Pyridine-d5	40	31.48	79		20	120
			Phenol-d5	40	31.53	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.21	76		25	120
			2-Chlorophenol-d4	40	33.70	84		20	130
			4-Methylphenol-d8	40	31.73	79		25	125
			Nitrobenzene-d5	40	33.26	83		20	125
			2-Nitrophenol-d4	40	38.02	95		20	130
			2,4-Dichlorophenol-d3	40	32.89	82		20	120
			4-Chloroaniline-d4	40	31.48	79		1	146
			Dimethylphthalate-d6	40	33.79	84		25	130
			Acenaphthylene-d8	40	34.19	85		10	130
			4-Nitrophenol-d4	40	31.08	78		10	150
			Fluorene-d10	40	34.87	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.81	65		10	130
			Anthracene-d10	40	34.97	87		25	130
			Pyrene-d10	40	31.33	78		15	130
			Benzo(a)pyrene-d12	40	35.45	89		20	130
			Pyridine-d5	40	15.31	38		20	120
			1,4-Dioxane-d8	8	4.91	61		15	120
PB160082BS	PB160082BS	BN030837.D	Phenol-d5	40	17.41	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.41	41		25	120
			2-Chlorophenol-d4	40	17.95	45		20	130
			4-Methylphenol-d8	40	16.76	42		25	125
			Nitrobenzene-d5	40	17.52	44		20	125
			2-Nitrophenol-d4	40	19.34	48		20	130
			2,4-Dichlorophenol-d3	40	19.15	48		20	120
			4-Chloroaniline-d4	40	15.99	40		1	146
			Dimethylphthalate-d6	40	18.32	46		25	130
			Acenaphthylene-d8	40	18.33	46		10	130
			4-Nitrophenol-d4	40	18.93	47		10	150
			Fluorene-d10	40	18.67	47		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.40	46		10	130
			Anthracene-d10	40	17.83	45		25	130
			Pyrene-d10	40	18.25	46		15	130
			Benzo(a)pyrene-d12	40	18.58	46		20	130

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-09	YCSSL0	BN030817.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	5.56	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.08	73		25	120
			2-Chlorophenol-d4	40	23.70	59		20	130
			4-Methylphenol-d8	40	14.20	35		25	125
			Nitrobenzene-d5	40	31.62	79		20	125
			2-Nitrophenol-d4	40	33.40	84		20	130
			2,4-Dichlorophenol-d3	40	31.19	78		20	120
			4-Chloroaniline-d4	40	24.56	61		1	146
			Dimethylphthalate-d6	40	36.76	92		25	130
			Acenaphthylene-d8	40	36.42	91		10	130
			4-Nitrophenol-d4	40	3.91	10		10	150
			Fluorene-d10	40	37.63	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.03	73		10	130
			Anthracene-d10	40	38.58	96		25	130
			Pyrene-d10	40	37.43	94		15	130
			Benzo(a)pyrene-d12	40	39.88	100		20	130
P1973-10MS	YCSS0MS	BN030818.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	10.71	27		20	120
			Phenol-d5	40	6.36	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.03	83		25	120
			2-Chlorophenol-d4	40	27.05	68		20	130
			4-Methylphenol-d8	40	16.54	41		25	125
			Nitrobenzene-d5	40	37.60	94		20	125
			2-Nitrophenol-d4	40	41.19	103		20	130
			2,4-Dichlorophenol-d3	40	37.11	93		20	120
			4-Chloroaniline-d4	40	30.71	77		1	146
			Dimethylphthalate-d6	40	41.57	104		25	130
			Acenaphthylene-d8	40	41.05	103		10	130
			4-Nitrophenol-d4	40	7.99	20		10	150
			Fluorene-d10	40	40.62	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.48	114		10	130
			Anthracene-d10	40	42.09	105		25	130
			Pyrene-d10	40	43.73	109		15	130
			Benzo(a)pyrene-d12	40	45.09	113		20	130
P1973-11MSD	YCSS0MSD	BN030819.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	12.15	30		20	120
			Phenol-d5	40	6.01	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.35	86		25	120
			2-Chlorophenol-d4	40	27.01	68		20	130
			4-Methylphenol-d8	40	15.78	39		25	125
			Nitrobenzene-d5	40	39.50	99		20	125
			2-Nitrophenol-d4	40	42.76	107		20	130
			2,4-Dichlorophenol-d3	40	36.16	90		20	120
			4-Chloroaniline-d4	40	32.19	80		1	146
			Dimethylphthalate-d6	40	41.98	105		25	130
			Acenaphthylene-d8	40	41.27	103		10	130
			4-Nitrophenol-d4	40	7.26	18		10	150

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-11MSD	YCSSL0MSD	BN030819.D	Fluorene-d10	40	42.48	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.79	114		10	130
			Anthracene-d10	40	42.51	106		25	130
			Pyrene-d10	40	44.40	111		15	130
			Benzo(a)pyrene-d12	40	45.09	113		20	130
PB160122BL	PB160122BL	BN030812.D	Pyridine-d5	40	31.89	80		20	120
			1,4-Dioxane-d8	8	6.27	78		15	120
			Phenol-d5	40	30.78	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.17	78		25	120
			2-Chlorophenol-d4	40	32.51	81		20	130
			4-Methylphenol-d8	40	30.47	76		25	125
			Nitrobenzene-d5	40	32.50	81		20	125
			2-Nitrophenol-d4	40	36.23	91		20	130
			2,4-Dichlorophenol-d3	40	31.91	80		20	120
			4-Chloroaniline-d4	40	32.47	81		1	146
			Dimethylphthalate-d6	40	32.58	81		25	130
			Acenaphthylene-d8	40	32.80	82		10	130
			4-Nitrophenol-d4	40	25.93	65		10	150
			Fluorene-d10	40	32.91	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.86	65		10	130
			Anthracene-d10	40	35.23	88		25	130
			Pyrene-d10	40	34.76	87		15	130
			Benzo(a)pyrene-d12	40	34.97	87		20	130
			1,4-Dioxane-d8	8	7.99	100		15	120
			Pyridine-d5	40	31.08	78		20	120
PB160122BS	PB160122BS	BN030838.D	Phenol-d5	40	34.32	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.08	80		25	120
			2-Chlorophenol-d4	40	36.12	90		20	130
			4-Methylphenol-d8	40	34.00	85		25	125
			Nitrobenzene-d5	40	35.22	88		20	125
			2-Nitrophenol-d4	40	40.32	101		20	130
			2,4-Dichlorophenol-d3	40	36.18	90		20	120
			4-Chloroaniline-d4	40	31.88	80		1	146
			Dimethylphthalate-d6	40	35.05	88		25	130
			Acenaphthylene-d8	40	35.03	88		10	130
			4-Nitrophenol-d4	40	37.25	93		10	150
			Fluorene-d10	40	35.09	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.96	92		10	130
			Anthracene-d10	40	34.64	87		25	130
			Pyrene-d10	40	32.48	81		15	130
			Benzo(a)pyrene-d12	40	36.45	91		20	130

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-13	YCSW4	BN030820.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	10.20	25		20	120
			Phenol-d5	40	6.28	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.78	84		25	120
			2-Chlorophenol-d4	40	26.74	67		20	130
			4-Methylphenol-d8	40	15.67	39		25	125
			Nitrobenzene-d5	40	37.22	93		20	125
			2-Nitrophenol-d4	40	40.06	100		20	130
			2,4-Dichlorophenol-d3	40	32.58	81		20	120
			4-Chloroaniline-d4	40	31.18	78		1	146
			Dimethylphthalate-d6	40	39.78	99		25	130
			Acenaphthylene-d8	40	38.85	97		10	130
			4-Nitrophenol-d4	40	4.73	12		10	150
			Fluorene-d10	40	41.24	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.66	79		10	130
			Anthracene-d10	40	39.70	99		25	130
			Pyrene-d10	40	39.65	99		15	130
			Benzo(a)pyrene-d12	40	44.35	111		20	130
P2006-13	MC0RF2	BN030821.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	7.94	20		20	120
			Phenol-d5	40	7.90	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	43.87	110		25	120
			2-Chlorophenol-d4	40	35.69	89		20	130
			4-Methylphenol-d8	40	20.09	50		25	125
			Nitrobenzene-d5	40	44.99	112		20	125
			2-Nitrophenol-d4	40	51.73	129		20	130
			2,4-Dichlorophenol-d3	40	39.39	98		20	120
			4-Chloroaniline-d4	40	27.27	68		1	146
			Dimethylphthalate-d6	40	45.90	115		25	130
			Acenaphthylene-d8	40	44.41	111		10	130
			4-Nitrophenol-d4	40	6.69	17		10	150
			Fluorene-d10	40	46.89	117		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.91	105		10	130
			Anthracene-d10	40	47.36	118		25	130
			Pyrene-d10	40	45.61	114		15	130
			Benzo(a)pyrene-d12	40	49.42	124		20	130
P2006-14	MC0RF3	BN030822.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	9.06	23		20	120
			Phenol-d5	40	6.45	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.72	79		25	120
			2-Chlorophenol-d4	40	25.95	65		20	130
			4-Methylphenol-d8	40	16.13	40		25	125
			Nitrobenzene-d5	40	34.15	85		20	125
			2-Nitrophenol-d4	40	37.70	94		20	130
			2,4-Dichlorophenol-d3	40	32.47	81		20	120
			4-Chloroaniline-d4	40	24.57	61		1	146
			Dimethylphthalate-d6	40	40.68	102		25	130
			Acenaphthylene-d8	40	39.04	98		10	130
			4-Nitrophenol-d4	40	5.18	13		10	150

Surrogate Summary

SW-846

SDG No.: **BN041024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2006-14	MC0RF3	BN030822.D	Fluorene-d10	40	41.35	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.19	88		10	130
			Anthracene-d10	40	42.74	107		25	130
			Pyrene-d10	40	41.63	104		15	130
			Benzo(a)pyrene-d12	40	45.11	113		20	130
P2006-15	MC0RH3	BN030826.D	1,4-Dioxane-d8	8	6.79	85		15	120
			Pyridine-d5	40	17.86	45		20	120
			Phenol-d5	40	11.45	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	56.93	142	*	25	120
			2-Chlorophenol-d4	40	47.70	119		20	130
			4-Methylphenol-d8	40	27.05	68		25	125
			Nitrobenzene-d5	40	40.98	102		20	125
			2-Nitrophenol-d4	40	46.01	115		20	130
			2,4-Dichlorophenol-d3	40	35.55	89		20	120
			4-Chloroaniline-d4	40	21.65	54		1	146
			Dimethylphthalate-d6	40	42.33	106		25	130
			Acenaphthylene-d8	40	42.12	105		10	130
			4-Nitrophenol-d4	40	6.12	15		10	150
			Fluorene-d10	40	42.18	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.76	84		10	130
			Anthracene-d10	40	44.06	110		25	130
			Pyrene-d10	40	42.10	105		15	130
			Benzo(a)pyrene-d12	40	45.71	114		20	130
			1,4-Dioxane-d8	8	5.61	70		15	120
			Pyridine-d5	40	15.31	38		20	120
			Phenol-d5	40	8.81	22		10	130
P2006-16	MC0RH4	BN030827.D	Bis(2-Chloroethyl)ether-d8	40	44.22	111		25	120
			2-Chlorophenol-d4	40	36.17	90		20	130
			4-Methylphenol-d8	40	21.69	54		25	125
			Nitrobenzene-d5	40	48.25	121		20	125
			2-Nitrophenol-d4	40	51.99	130		20	130
			2,4-Dichlorophenol-d3	40	42.56	106		20	120
			4-Chloroaniline-d4	40	33.32	83		1	146
			Dimethylphthalate-d6	40	47.94	120		25	130
			Acenaphthylene-d8	40	47.02	118		10	130
			4-Nitrophenol-d4	40	5.42	14		10	150
			Fluorene-d10	40	48.30	121		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.04	100		10	130
			Anthracene-d10	40	49.66	124		25	130
			Pyrene-d10	40	50.22	126		15	130
			Benzo(a)pyrene-d12	40	53.93	135	*	20	130
			Pyridine-d5	40	31.28	78		20	120
			1,4-Dioxane-d8	8	6.34	79		15	120
			Phenol-d5	40	29.62	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.95	75		25	120
			2-Chlorophenol-d4	40	31.76	79		20	130
PB160124BL	PB160124BL	BN030811.D	4-Methylphenol-d8	40	29.90	75		25	125
			Nitrobenzene-d5	40	32.10	80		20	125
			2-Nitrophenol-d4	40	36.40	91		20	130

Surrogate Summary

SW-846

SDG No.: **BN041024**

Client:

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160124BL	PB160124BL	BN030811.D	2,4-Dichlorophenol-d3	40	32.30	81		20	120
			4-Chloroaniline-d4	40	34.87	87		1	146
			Dimethylphthalate-d6	40	33.28	83		25	130
			Acenaphthylene-d8	40	32.92	82		10	130
			4-Nitrophenol-d4	40	26.61	67		10	150
			Fluorene-d10	40	33.01	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.34	63		10	130
			Anthracene-d10	40	33.79	84		25	130
			Pyrene-d10	40	33.21	83		15	130
			Benzo(a)pyrene-d12	40	33.81	85		20	130
PB160124BS	PB160124BS	BN030823.D	1,4-Dioxane-d8	8	7.65	96		15	120
			Pyridine-d5	40	30.93	77		20	120
			Phenol-d5	40	34.68	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.71	79		25	120
			2-Chlorophenol-d4	40	35.77	89		20	130
			4-Methylphenol-d8	40	33.56	84		25	125
			Nitrobenzene-d5	40	35.58	89		20	125
			2-Nitrophenol-d4	40	41.25	103		20	130
			2,4-Dichlorophenol-d3	40	36.77	92		20	120
			4-Chloroaniline-d4	40	31.02	78		1	146
			Dimethylphthalate-d6	40	34.57	86		25	130
			Acenaphthylene-d8	40	35.09	88		10	130
			4-Nitrophenol-d4	40	37.03	93		10	150
			Fluorene-d10	40	34.10	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.24	93		10	130
			Anthracene-d10	40	33.32	83		25	130
			Pyrene-d10	40	33.57	84		15	130
			Benzo(a)pyrene-d12	40	35.57	89		20	130

Surrogate Summary

SW-846

SDG No.: BN041024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1970-09	C0AK0	BN030829.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	7.74	19	*	20	120
			Phenol-d5	40	6.07	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.55	76		25	120
			2-Chlorophenol-d4	40	24.88	62		20	130
			4-Methylphenol-d8	40	15.28	38		25	125
			Nitrobenzene-d5	40	34.41	86		20	125
			2-Nitrophenol-d4	40	36.40	91		20	130
			2,4-Dichlorophenol-d3	40	31.01	78		20	120
			4-Chloroaniline-d4	40	13.65	34		1	146
			Dimethylphthalate-d6	40	37.77	94		25	130
			Acenaphthylene-d8	40	36.05	90		10	130
			4-Nitrophenol-d4	40	4.26	11		10	150
			Fluorene-d10	40	37.95	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.24	81		10	130
			Anthracene-d10	40	38.14	95		25	130
			Pyrene-d10	40	39.03	98		15	130
			Benzo(a)pyrene-d12	40	40.33	101		20	130
P2014-01	E0MC7	BN030830.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Pyridine-d5	40	10.11	25		20	120
			Phenol-d5	40	7.65	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.34	86		25	120
			2-Chlorophenol-d4	40	28.58	71		20	130
			4-Methylphenol-d8	40	18.24	46		25	125
			Nitrobenzene-d5	40	37.59	94		20	125
			2-Nitrophenol-d4	40	40.18	100		20	130
			2,4-Dichlorophenol-d3	40	33.79	84		20	120
			4-Chloroaniline-d4	40	29.61	74		1	146
			Dimethylphthalate-d6	40	40.11	100		25	130
			Acenaphthylene-d8	40	38.40	96		10	130
			4-Nitrophenol-d4	40	5.63	14		10	150
			Fluorene-d10	40	40.50	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.70	84		10	130
			Anthracene-d10	40	42.37	106		25	130
			Pyrene-d10	40	41.74	104		15	130
			Benzo(a)pyrene-d12	40	43.64	109		20	130
P2014-02	E0MC9	BN030831.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	3.96	10	*	20	120
			Phenol-d5	40	6.64	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.78	79		25	120
			2-Chlorophenol-d4	40	26.45	66		20	130
			4-Methylphenol-d8	40	15.77	39		25	125
			Nitrobenzene-d5	40	34.11	85		20	125
			2-Nitrophenol-d4	40	36.51	91		20	130
			2,4-Dichlorophenol-d3	40	29.85	75		20	120
			4-Chloroaniline-d4	40	18.96	47		1	146
			Dimethylphthalate-d6	40	33.85	85		25	130
			Acenaphthylene-d8	40	33.95	85		10	130
			4-Nitrophenol-d4	40	4.40	11		10	150

Surrogate Summary

SW-846

SDG No.: **BN041024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2014-02	E0MC9	BN030831.D	Fluorene-d10	40	35.69	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.90	75		10	130
			Anthracene-d10	40	39.89	100		25	130
			Pyrene-d10	40	37.87	95		15	130
			Benzo(a)pyrene-d12	40	40.10	100		20	130
P2014-03	E0MD0	BN030832.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	13.40	33		20	120
			Phenol-d5	40	7.99	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.41	91		25	120
			2-Chlorophenol-d4	40	30.35	76		20	130
			4-Methylphenol-d8	40	19.04	48		25	125
			Nitrobenzene-d5	40	39.53	99		20	125
			2-Nitrophenol-d4	40	42.35	106		20	130
			2,4-Dichlorophenol-d3	40	34.89	87		20	120
			4-Chloroaniline-d4	40	31.48	79		1	146
			Dimethylphthalate-d6	40	41.08	103		25	130
			Acenaphthylene-d8	40	41.35	103		10	130
			4-Nitrophenol-d4	40	5.47	14		10	150
			Fluorene-d10	40	42.80	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.23	81		10	130
			Anthracene-d10	40	43.64	109		25	130
			Pyrene-d10	40	43.83	110		15	130
			Benzo(a)pyrene-d12	40	45.25	113		20	130
P2035-01	C0AN7	BN030833.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	11.18	28		20	120
			Phenol-d5	40	6.89	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.04	93		25	120
			2-Chlorophenol-d4	40	29.42	74		20	130
			4-Methylphenol-d8	40	16.76	42		25	125
			Nitrobenzene-d5	40	40.68	102		20	125
			2-Nitrophenol-d4	40	42.01	105		20	130
			2,4-Dichlorophenol-d3	40	35.99	90		20	120
			4-Chloroaniline-d4	40	29.42	74		1	146
			Dimethylphthalate-d6	40	41.45	104		25	130
			Acenaphthylene-d8	40	41.94	105		10	130
			4-Nitrophenol-d4	40	4.44	11		10	150
			Fluorene-d10	40	42.65	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.83	77		10	130
			Anthracene-d10	40	42.04	105		25	130
			Pyrene-d10	40	40.09	100		15	130
			Benzo(a)pyrene-d12	40	43.83	110		20	130
PB160141BL	PB160141BL	BN030825.D	1,4-Dioxane-d8	8	6.76	84		15	120
			Pyridine-d5	40	31.74	79		20	120
			Phenol-d5	40	32.83	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.72	82		25	120
			2-Chlorophenol-d4	40	34.93	87		20	130
			4-Methylphenol-d8	40	33.24	83		25	125
			Nitrobenzene-d5	40	34.16	85		20	125
			2-Nitrophenol-d4	40	39.59	99		20	130

Surrogate Summary

SW-846

SDG No.: **BN041024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160141BL	PB160141BL	BN030825.D	2,4-Dichlorophenol-d3	40	34.12	85		20	120
			4-Chloroaniline-d4	40	32.28	81		1	146
			Dimethylphthalate-d6	40	34.93	87		25	130
			Acenaphthylene-d8	40	34.41	86		10	130
			4-Nitrophenol-d4	40	29.10	73		10	150
			Fluorene-d10	40	35.25	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.01	65		10	130
			Anthracene-d10	40	36.60	91		25	130
			Pyrene-d10	40	34.27	86		15	130
			Benzo(a)pyrene-d12	40	36.03	90		20	130
PB160141BS	PB160141BS	BN030828.D	1,4-Dioxane-d8	8	8.33	104		15	120
			Pyridine-d5	40	34.73	87		20	120
			Phenol-d5	40	37.74	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.24	88		25	120
			2-Chlorophenol-d4	40	38.95	97		20	130
			4-Methylphenol-d8	40	36.88	92		25	125
			Nitrobenzene-d5	40	39.01	98		20	125
			2-Nitrophenol-d4	40	45.34	113		20	130
			2,4-Dichlorophenol-d3	40	39.25	98		20	120
			4-Chloroaniline-d4	40	34.17	85		1	146
			Dimethylphthalate-d6	40	37.62	94		25	130
			Acenaphthylene-d8	40	38.14	95		10	130
			4-Nitrophenol-d4	40	41.11	103		10	150
			Fluorene-d10	40	37.19	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.48	104		10	130
			Anthracene-d10	40	37.63	94		25	130
			Pyrene-d10	40	37.52	94		15	130
			Benzo(a)pyrene-d12	40	39.63	99		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN041024

Lab Code: CHEM

SAS No.: BN041024

SDG NO.: BN041024

Lab File ID: BN030809.D

DFTPP Injection Date: 04/10/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	70.7
443	15.0 - 24.0% of mass 442	13.8 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020353	SSTDCCC020	BN030810.D	04/10/2024	09:50
SBLK124	PB160124BL	BN030811.D	04/10/2024	10:29
SBLK122	PB160122BL	BN030812.D	04/10/2024	11:09
C0AK5DL	P1948-16DL	BN030813.D	04/10/2024	12:27
C0AJ4DL	P1948-15DL	BN030814.D	04/10/2024	13:07
C0AL1DL	P1948-19DL	BN030815.D	04/10/2024	13:46
SLCS989	PB159989BS	BN030816.D	04/10/2024	14:26
YCSSL0	P1973-09	BN030817.D	04/10/2024	15:05
YCSSL0MS	P1973-10MS	BN030818.D	04/10/2024	15:53
YCSSL0MSD	P1973-11MSD	BN030819.D	04/10/2024	16:32
YCSW4	P1973-13	BN030820.D	04/10/2024	17:12
MC0RF2	P2006-13	BN030821.D	04/10/2024	17:52
MC0RF3	P2006-14	BN030822.D	04/10/2024	18:31
SLCS124	PB160124BS	BN030823.D	04/10/2024	19:11
SSTD020354	SSTDCCC020	BN030824.D	04/10/2024	20:30
SBLK141	PB160141BL	BN030825.D	04/10/2024	21:09
MC0RH3	P2006-15	BN030826.D	04/10/2024	21:49
MC0RH4	P2006-16	BN030827.D	04/10/2024	22:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN041024

Lab Code: CHEM

SAS No.: BN041024 SDG NO.: BN041024

Lab File ID: BN030809.D

DFTPP Injection Date: 04/10/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	70.7
443	15.0 - 24.0% of mass 442	13.8 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS141	PB160141BS	BN030828.D	04/10/2024	23:07
C0AK0	P1970-09	BN030829.D	04/10/2024	23:47
E0MC7	P2014-01	BN030830.D	04/11/2024	00:26
E0MC9	P2014-02	BN030831.D	04/11/2024	01:06
E0MD0	P2014-03	BN030832.D	04/11/2024	01:45
C0AN7	P2035-01	BN030833.D	04/11/2024	02:24
YCSQ2	P1982-06	BN030834.D	04/11/2024	03:04
YCSQ2MS	P1982-07MS	BN030835.D	04/11/2024	03:43
YCSQ2MSD	P1982-08MSD	BN030836.D	04/11/2024	04:22
SLCS082	PB160082BS	BN030837.D	04/11/2024	05:02
SLCS122	PB160122BS	BN030838.D	04/11/2024	05:41
SBLK082	PB160082BL	BN030839.D	04/11/2024	06:20
SSTD020355	SSTDCCC020EC	BN030840.D	04/11/2024	07:39