

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:17:39

Lab File ID: BP021999.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020767 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.510	0.010	-7.7718	40.0
Benzaldehyde	0.925	1.080	0.010	16.6636	40.0
Pyridine	1.483	1.463	0.010	-1.3433	40.0
Phenol	1.707	1.619	0.080	-5.198	20.0
Bis(2-Chloroethyl)ether	1.307	1.288	0.100	-1.4629	20.0
2-Chlorophenol	1.227	1.222	0.200	-0.3758	20.0
2-Methylphenol	1.238	1.175	0.010	-5.1462	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.205	0.010	-0.6149	40.0
Acetophenone	2.156	2.093	0.060	-2.9319	20.0
4-Methylphenol	1.350	1.300	0.010	-3.6997	20.0
N-Nitroso-di-n-propylamine	1.118	1.104	0.050	-1.2881	30.0
Hexachloroethane	0.579	0.572	0.100	-1.3215	20.0
Nitrobenzene	0.458	0.438	0.050	-4.2315	25.0
Isophorone	0.793	0.770	0.050	-2.9006	25.0
2-Nitrophenol	0.182	0.180	0.050	-1.0187	25.0
2,4-Dimethylphenol	0.411	0.396	0.050	-3.7477	25.0
Bis(2-Chloroethoxy)methane	0.457	0.446	0.050	-2.4568	20.0
2,4-Dichlorophenol	0.366	0.357	0.060	-2.5401	20.0
Naphthalene	1.052	1.002	0.200	-4.7539	20.0
4-Chloroaniline	0.436	0.404	0.010	-7.1972	40.0
Hexachlorobutadiene	0.325	0.305	0.040	-6.2922	30.0
Caprolactam	0.111	0.102	0.010	-7.7709	40.0
4-Chloro-3-methylphenol	0.396	0.377	0.040	-4.9287	25.0
1-Methylnaphthalene	0.789	0.741	0.100	-6.0976	20.0
2-Methylnaphthalene	0.782	0.735	0.100	-6.0662	20.0
Hexachlorocyclopentadiene	0.466	0.424	0.010	-9.0041	40.0
2,4,6-Trichlorophenol	0.443	0.419	0.090	-5.4377	25.0
2,4,5-Trichlorophenol	0.480	0.460	0.100	-4.1916	25.0
1,1-Biphenyl	1.430	1.319	0.200	-7.7971	20.0
2-Chloronaphthalene	1.152	1.081	0.300	-6.1565	20.0
2-Nitroaniline	0.333	0.312	0.050	-6.3429	40.0
Dimethylphthalate	1.553	1.459	0.300	-6.0613	20.0
2,6-Dinitrotoluene	0.298	0.281	0.080	-5.732	30.0
Acenaphthylene	1.707	1.570	0.400	-8.0059	20.0
3-Nitroaniline	0.271	0.256	0.010	-5.4659	40.0
Acenaphthene	1.240	1.149	0.200	-7.3649	20.0
2,4-Dinitrophenol	0.203	0.167	0.010	-17.3443	40.0
4-Nitrophenol	0.299	0.267	0.010	-10.6259	40.0
Dibenzofuran	1.844	1.690	0.300	-8.364	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:17:39

Lab File ID: BP021999.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020767 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.431	0.070	-6.0567	30.0
Diethylphthalate	1.537	1.451	0.300	-5.6145	20.0
Fluorene	1.533	1.384	0.200	-9.7467	20.0
4-Chlorophenyl-phenylether	0.883	0.802	0.100	-9.1121	20.0
4-Nitroaniline	0.276	0.285	0.010	3.3906	40.0
4,6-Dinitro-2-methylphenol	0.135	0.120	0.010	-11.1881	40.0
N-Nitrosodiphenylamine	0.527	0.503	0.050	-4.5409	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.692	0.100	-6.6666	20.0
4-Bromophenyl-phenylether	0.240	0.226	0.070	-5.8444	20.0
Hexachlorobenzene	0.292	0.274	0.050	-6.1364	25.0
Atrazine	0.235	0.223	0.010	-4.9449	25.0
Pentachlorophenol	0.195	0.171	0.010	-11.907	40.0
Phenanthrene	1.049	0.966	0.200	-7.8744	20.0
Pentachlorobenzene	0.330	0.310	0.050	-6.0839	20.0
Anthracene	1.067	0.984	0.200	-7.7618	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.283	0.050	-5.846	20.0
Carbazole	0.941	0.869	0.050	-7.5789	40.0
Di-n-butylphthalate	1.084	1.031	0.500	-4.9084	25.0
Fluoranthene	1.184	1.126	0.400	-4.942	25.0
Pyrene	1.275	1.205	0.400	-5.4961	25.0
Butylbenzylphthalate	0.444	0.434	0.100	-2.3737	40.0
3,3-Dichlorobenzidine	0.458	0.456	0.010	-0.3227	40.0
Benzo (a) anthracene	1.378	1.312	0.300	-4.8442	30.0
Chrysene	1.294	1.226	0.200	-5.2352	30.0
Bis (2-ethylhexyl) phthalate	0.652	0.651	0.200	-0.1694	40.0
Di-n-octyl phthalate	0.988	0.928	0.010	-6.0696	40.0
Benzo (b) fluoranthene	1.242	1.165	0.200	-6.1693	25.0
Benzo (k) fluoranthene	1.237	1.149	0.200	-7.1254	25.0
Benzo (a) pyrene	1.144	1.071	0.200	-6.3618	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.360	0.200	-8.8561	25.0
Dibenzo (a,h) anthracene	1.202	1.094	0.200	-8.9533	30.0
Benzo (g,h,i) perylene	1.157	1.050	0.200	-9.2977	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.432	0.040	-6.4103	20.0
1,4-Dioxane-d8	0.511	0.506	0.010	-0.9423	25.0
Pyridine-d5	1.460	1.414	0.010	-3.1063	40.0
Phenol-d5	1.636	1.564	0.010	-4.4055	25.0
Bis- (2-Chloroethyl) ether-d8	1.007	0.988	0.050	-1.9076	25.0
2-Chlorophenol-d4	1.184	1.187	0.200	0.2795	20.0
4-Methylphenol-d8	1.296	1.235	0.010	-4.7325	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:17:39

Lab File ID: BP021999.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020767 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.146	0.050	-2.557	20.0
2-Nitrophenol-d4	0.170	0.164	0.050	-3.2384	30.0
2,4-Dichlorophenol-d3	0.369	0.349	0.060	-5.3715	20.0
4-Chloroaniline-d4	0.440	0.410	0.010	-6.6706	40.0
Dimethylphthalate-d6	1.546	1.479	0.300	-4.3053	20.0
Acenaphthylene-d8	1.637	1.551	0.400	-5.2715	20.0
4-Nitrophenol-d4	0.264	0.240	0.010	-9.3784	40.0
Fluorene-d10	1.368	1.267	0.100	-7.3817	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.112	0.010	-9.5703	40.0
Anthracene-d10	0.934	0.877	0.300	-6.0195	20.0
Pyrene-d10	1.036	0.996	0.300	-3.8294	25.0
Benzo(a)pyrene-d12	1.052	0.987	0.010	-6.192	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.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/25/2024 1:03:51

Lab File ID: BP022013.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020768 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.508	0.010	-8.2027	40.0
Benzaldehyde	0.925	1.110	0.010	19.9774	40.0
Pyridine	1.483	1.438	0.010	-3.0395	40.0
Phenol	1.707	1.660	0.080	-2.8	20.0
Bis(2-Chloroethyl)ether	1.307	1.287	0.100	-1.5243	20.0
2-Chlorophenol	1.227	1.248	0.200	1.6729	20.0
2-Methylphenol	1.238	1.204	0.010	-2.7459	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.189	0.010	-1.9462	40.0
Acetophenone	2.156	2.131	0.060	-1.159	20.0
4-Methylphenol	1.350	1.327	0.010	-1.6893	20.0
N-Nitroso-di-n-propylamine	1.118	1.125	0.050	0.6064	30.0
Hexachloroethane	0.579	0.566	0.100	-2.2437	20.0
Nitrobenzene	0.458	0.435	0.050	-4.8834	25.0
Isophorone	0.793	0.749	0.050	-5.5206	25.0
2-Nitrophenol	0.182	0.181	0.050	-0.103	25.0
2,4-Dimethylphenol	0.411	0.392	0.050	-4.6612	25.0
Bis(2-Chloroethoxy)methane	0.457	0.440	0.050	-3.7758	20.0
2,4-Dichlorophenol	0.366	0.355	0.060	-3.0467	20.0
Naphthalene	1.052	0.990	0.200	-5.8787	20.0
4-Chloroaniline	0.436	0.412	0.010	-5.4146	40.0
Hexachlorobutadiene	0.325	0.298	0.040	-8.3233	30.0
Caprolactam	0.111	0.104	0.010	-6.6117	40.0
4-Chloro-3-methylphenol	0.396	0.378	0.040	-4.6258	25.0
1-Methylnaphthalene	0.789	0.741	0.100	-6.0584	20.0
2-Methylnaphthalene	0.782	0.737	0.100	-5.727	20.0
Hexachlorocyclopentadiene	0.466	0.409	0.010	-12.2109	40.0
2,4,6-Trichlorophenol	0.443	0.433	0.090	-2.4206	25.0
2,4,5-Trichlorophenol	0.480	0.471	0.100	-1.9557	25.0
1,1-Biphenyl	1.430	1.347	0.200	-5.8219	20.0
2-Chloronaphthalene	1.152	1.081	0.300	-6.1543	20.0
2-Nitroaniline	0.333	0.323	0.050	-3.1371	40.0
Dimethylphthalate	1.553	1.465	0.300	-5.6815	20.0
2,6-Dinitrotoluene	0.298	0.287	0.080	-3.602	30.0
Acenaphthylene	1.707	1.615	0.400	-5.4119	20.0
3-Nitroaniline	0.271	0.268	0.010	-1.2043	40.0
Acenaphthene	1.240	1.156	0.200	-6.805	20.0
2,4-Dinitrophenol	0.203	0.156	0.010	-23.027	40.0
4-Nitrophenol	0.299	0.277	0.010	-7.5737	40.0
Dibenzofuran	1.844	1.710	0.300	-7.2686	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/25/2024 1:03:51

Lab File ID: BP022013.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020768 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.457	0.070	-0.2848	30.0
Diethylphthalate	1.537	1.430	0.300	-6.9568	20.0
Fluorene	1.533	1.390	0.200	-9.3707	20.0
4-Chlorophenyl-phenylether	0.883	0.802	0.100	-9.1159	20.0
4-Nitroaniline	0.276	0.293	0.010	6.3513	40.0
4,6-Dinitro-2-methylphenol	0.135	0.113	0.010	-16.5465	40.0
N-Nitrosodiphenylamine	0.527	0.490	0.050	-6.9517	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.694	0.100	-6.381	20.0
4-Bromophenyl-phenylether	0.240	0.221	0.070	-7.9686	20.0
Hexachlorobenzene	0.292	0.269	0.050	-7.9126	25.0
Atrazine	0.235	0.219	0.010	-6.7069	25.0
Pentachlorophenol	0.195	0.168	0.010	-13.4727	40.0
Phenanthrene	1.049	0.967	0.200	-7.8238	20.0
Pentachlorobenzene	0.330	0.303	0.050	-8.2878	20.0
Anthracene	1.067	0.972	0.200	-8.8967	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.287	0.050	-4.3343	20.0
Carbazole	0.941	0.874	0.050	-7.1112	40.0
Di-n-butylphthalate	1.084	0.974	0.500	-10.2155	25.0
Fluoranthene	1.184	1.129	0.400	-4.6582	25.0
Pyrene	1.275	1.179	0.400	-7.4781	25.0
Butylbenzylphthalate	0.444	0.416	0.100	-6.4687	40.0
3,3-Dichlorobenzidine	0.458	0.433	0.010	-5.4097	40.0
Benzo (a) anthracene	1.378	1.287	0.300	-6.6041	30.0
Chrysene	1.294	1.201	0.200	-7.1585	30.0
Bis (2-ethylhexyl) phthalate	0.652	0.615	0.200	-5.6561	40.0
Di-n-octyl phthalate	0.988	0.895	0.010	-9.4465	40.0
Benzo (b) fluoranthene	1.242	1.185	0.200	-4.5607	25.0
Benzo (k) fluoranthene	1.237	1.162	0.200	-6.0953	25.0
Benzo (a) pyrene	1.144	1.085	0.200	-5.1952	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.372	0.200	-8.0341	25.0
Dibenzo (a,h) anthracene	1.202	1.113	0.200	-7.3716	30.0
Benzo (g,h,i) perylene	1.157	1.060	0.200	-8.4167	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.439	0.040	-4.9847	20.0
1,4-Dioxane-d8	0.511	0.472	0.010	-7.5724	25.0
Pyridine-d5	1.460	1.415	0.010	-3.0748	40.0
Phenol-d5	1.636	1.587	0.010	-2.9992	25.0
Bis- (2-Chloroethyl) ether-d8	1.007	1.001	0.050	-0.677	25.0
2-Chlorophenol-d4	1.184	1.208	0.200	2.0225	20.0
4-Methylphenol-d8	1.296	1.266	0.010	-2.3213	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/25/2024 1:03:51

Lab File ID: BP022013.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020768 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.145	0.050	-2.8968	20.0
2-Nitrophenol-d4	0.170	0.168	0.050	-0.9294	30.0
2,4-Dichlorophenol-d3	0.369	0.362	0.060	-1.7102	20.0
4-Chloroaniline-d4	0.440	0.417	0.010	-5.1135	40.0
Dimethylphthalate-d6	1.546	1.453	0.300	-6.0074	20.0
Acenaphthylene-d8	1.637	1.566	0.400	-4.2988	20.0
4-Nitrophenol-d4	0.264	0.244	0.010	-7.9073	40.0
Fluorene-d10	1.368	1.295	0.100	-5.3226	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.103	0.010	-17.3282	40.0
Anthracene-d10	0.934	0.858	0.300	-8.1177	20.0
Pyrene-d10	1.036	0.988	0.300	-4.6322	25.0
Benzo(a)pyrene-d12	1.052	0.997	0.010	-5.2013	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.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:15:13

Lab File ID: BP021996.D Init. Calib. Date(s): _____

EPA Sample No.: SICV616 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.579	0.010	4.7568	40.0
Benzaldehyde	0.925	0.966	0.010	4.3668	40.0
Pyridine	1.483	1.520	0.010	2.5417	40.0
Phenol	1.707	1.908	0.080	11.7289	20.0
Bis(2-Chloroethyl)ether	1.307	1.474	0.100	12.7625	20.0
2-Chlorophenol	1.227	1.375	0.200	12.0707	20.0
2-Methylphenol	1.238	1.416	0.010	14.3531	20.0
2,2-oxybis(1-Chloropropane)	1.212	1.364	0.010	12.4826	40.0
Acetophenone	2.156	2.453	0.060	13.7638	20.0
4-Methylphenol	1.350	1.526	0.010	13.0163	20.0
N-Nitroso-di-n-propylamine	1.118	1.310	0.050	17.1708	30.0
Hexachloroethane	0.579	0.616	0.100	6.3821	20.0
Nitrobenzene	0.458	0.487	0.050	6.4949	25.0
Isophorone	0.793	0.867	0.050	9.3824	25.0
2-Nitrophenol	0.182	0.204	0.050	12.1503	25.0
2,4-Dimethylphenol	0.411	0.393	0.050	-4.3606	25.0
Bis(2-Chloroethoxy)methane	0.457	0.507	0.050	10.9265	20.0
2,4-Dichlorophenol	0.366	0.400	0.060	9.0937	20.0
Naphthalene	1.052	1.147	0.200	9.0193	20.0
4-Chloroaniline	0.436	0.489	0.010	12.1568	40.0
Hexachlorobutadiene	0.325	0.329	0.040	1.184	30.0
Caprolactam	0.111	0.119	0.010	6.7072	40.0
4-Chloro-3-methylphenol	0.396	0.436	0.040	9.9315	25.0
1-Methylnaphthalene	0.789	0.806	0.100	2.2375	20.0
2-Methylnaphthalene	0.782	0.870	0.100	11.1921	20.0
Hexachlorocyclopentadiene	0.466	0.442	0.010	-5.2972	40.0
2,4,6-Trichlorophenol	0.443	0.492	0.090	10.9031	25.0
2,4,5-Trichlorophenol	0.480	0.545	0.100	13.5399	25.0
1,1-Biphenyl	1.430	1.576	0.200	10.1883	20.0
2-Chloronaphthalene	1.152	1.266	0.300	9.9377	20.0
2-Nitroaniline	0.333	0.368	0.050	10.6107	40.0
Dimethylphthalate	1.553	1.715	0.300	10.4506	20.0
2,6-Dinitrotoluene	0.298	0.355	0.080	19.1199	30.0
Acenaphthylene	1.707	1.922	0.400	12.6127	20.0
3-Nitroaniline	0.271	0.328	0.010	21.1996	40.0
Acenaphthene	1.240	1.357	0.200	9.4033	20.0
2,4-Dinitrophenol	0.203	0.190	0.010	-6.1971	40.0
4-Nitrophenol	0.299	0.293	0.010	-2.0385	40.0
Dibenzofuran	1.844	2.005	0.300	8.7167	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:15:13

Lab File ID: BP021996.D Init. Calib. Date(s): _____

EPA Sample No.: SICV616 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.459	0.503	0.070	9.6914	30.0
Diethylphthalate	1.537	1.634	0.300	6.3538	20.0
Fluorene	1.533	1.585	0.200	3.3756	20.0
4-Chlorophenyl-phenylether	0.883	0.904	0.100	2.3526	20.0
4-Nitroaniline	0.276	0.345	0.010	24.9796	40.0
4,6-Dinitro-2-methylphenol	0.135	0.141	0.010	3.9542	40.0
N-Nitrosodiphenylamine	0.527	0.591	0.050	12.162	20.0
1,2,4,5-Tetrachlorobenzene	0.742	0.795	0.100	7.1939	20.0
4-Bromophenyl-phenylether	0.240	0.266	0.070	10.5922	20.0
Hexachlorobenzene	0.292	0.320	0.050	9.6231	25.0
Atrazine	0.235	0.253	0.010	7.6451	25.0
Pentachlorophenol	0.195	0.203	0.010	4.575	40.0
Phenanthrene	1.049	1.145	0.200	9.237	20.0
Pentachlorobenzene	0.330	0.360	0.050	8.9752	20.0
Anthracene	1.067	1.167	0.200	9.3749	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.320	0.050	6.5564	20.0
Carbazole	0.941	1.033	0.050	9.8315	40.0
Di-n-butylphthalate	1.084	1.158	0.500	6.8061	25.0
Fluoranthene	1.184	1.357	0.400	14.5633	25.0
Pyrene	1.275	1.435	0.400	12.5418	25.0
Butylbenzylphthalate	0.444	0.488	0.100	9.8335	40.0
3,3-Dichlorobenzidine	0.458	0.541	0.010	18.2046	40.0
Benzo (a) anthracene	1.378	1.483	0.300	7.62	30.0
Chrysene	1.294	1.382	0.200	6.8335	30.0
Bis (2-ethylhexyl) phthalate	0.652	0.704	0.200	7.9748	40.0
Di-n-octyl phthalate	0.988	1.028	0.010	4.0218	40.0
Benzo (b) fluoranthene	1.242	1.388	0.200	11.8028	25.0
Benzo (k) fluoranthene	1.237	1.351	0.200	9.1671	25.0
Benzo (a) pyrene	1.144	1.271	0.200	11.0945	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.580	0.200	5.901	25.0
Dibenzo (a,h) anthracene	1.202	1.281	0.200	6.6197	30.0
Benzo (g,h,i) perylene	1.157	1.199	0.200	3.5682	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.525	0.040	13.6853	20.0
1,4-Dioxane-d8	0.511	0.526	0.010	3.0268	25.0
Pyridine-d5	1.460	1.658	0.010	13.5675	40.0
Phenol-d5	1.636	1.865	0.010	13.9715	25.0
Bis- (2-Chloroethyl) ether-d8	1.007	1.237	0.050	22.7651	25.0
2-Chlorophenol-d4	1.184	1.360	0.200	14.933	20.0
4-Methylphenol-d8	1.296	1.491	0.010	15.0259	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: BNA_P Calibration Date/Time: 9/24/2024 1:15:13

Lab File ID: BP021996.D Init. Calib. Date(s): _____

EPA Sample No.: SICV616 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.167	0.050	11.8138	20.0
2-Nitrophenol-d4	0.170	0.193	0.050	13.6256	30.0
2,4-Dichlorophenol-d3	0.369	0.417	0.060	13.2459	20.0
4-Chloroaniline-d4	0.440	0.491	0.010	11.6265	40.0
Dimethylphthalate-d6	1.546	1.731	0.300	11.9483	20.0
Acenaphthylene-d8	1.637	1.902	0.400	16.1764	20.0
4-Nitrophenol-d4	0.264	0.285	0.010	7.8467	40.0
Fluorene-d10	1.368	1.477	0.100	7.9832	20.0
4,6-Dinitro-2-methylphenol-d2	0.124	0.129	0.010	4.1173	40.0
Anthracene-d10	0.934	1.029	0.300	10.2591	20.0
Pyrene-d10	1.036	1.215	0.300	17.28	25.0
Benzo(a)pyrene-d12	1.052	1.162	0.010	10.459	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP021997.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

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

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP021997.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP021997.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.748		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	23.695		20-120		59	SPK: -40
4165-62-2	Phenol-d5	23.583		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.667		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.89		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.379		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.597		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.786		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.838		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.866		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.926		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	25.882		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.835		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.094		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP021997.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.275		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.096		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.946		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.719		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121295	7.663				
1146-65-2	Naphthalene-d8	445367	10.434				
15067-26-2	Acenaphthene-d10	348417	14.304				
1517-22-2	Phenanthrene-d10	844290	17.104				
1719-03-5	Chrysene-d12	951049	21.551				
1520-96-3	Perylene-d12	1056390	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS502	SDG No.:	BP092424
Lab Sample ID:	PB163502BS	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
BP021998.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	22		1.1	5	10	ug/L
110-86-1	Pyridine	28		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.9	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	34		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.4	2.5	5	ug/L
78-59-1	Isophorone	36		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.1	2.5	5	ug/L
91-20-3	Naphthalene	33		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	28		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.5	2.5	5	ug/L
105-60-2	Caprolactam	29		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	36		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	29		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS502	SDG No.:	BP092424
Lab Sample ID:	PB163502BS	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
BP021998.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	37		1.4	5	10	ug/L
132-64-9	Dibenzofuran	36		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	38		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	24		1.9	5	10	ug/L
85-01-8	Phenanthrene	36		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.7	2.5	5	ug/L
120-12-7	Anthracene	35		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		1.7	2.5	5	ug/L
86-74-8	Carbazole	36		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS502	SDG No.:	BP092424
Lab Sample ID:	PB163502BS	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
BP021998.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	36		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	38		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	34		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.9		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	28.436		20-120		71	SPK: -40
4165-62-2	Phenol-d5	29.662		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.404		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.322		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.328		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	32.549		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.363		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.583		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.067		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.944		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.49		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.999		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	33.74		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS502	SDG No.:	BP092424
Lab Sample ID:	PB163502BS	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
BP021998.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.256		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	32.794		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	31.293		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.996		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79230	7.71				
1146-65-2	Naphthalene-d8	303523	10.463				
15067-26-2	Acenaphthene-d10	252185	14.316				
1517-22-2	Phenanthrene-d10	653789	17.116				
1719-03-5	Chrysene-d12	839979	21.545				
1520-96-3	Perylene-d12	998065	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP022000.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

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

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP022000.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP022000.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.442		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.986		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.566		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.977		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.643		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.087		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.781		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.927		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.566		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.114		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.219		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	25.82		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.362		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.054		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK502	SDG No.:	BP092424
Lab Sample ID:	PB163502BL	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
BP022000.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.154		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.473		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	26.801		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.142		20-130		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129393	7.71				
1146-65-2	Naphthalene-d8	471345	10.475				
15067-26-2	Acenaphthene-d10	364452	14.322				
1517-22-2	Phenanthrene-d10	909981	17.11				
1719-03-5	Chrysene-d12	1078364	21.539				
1520-96-3	Perylene-d12	1248775	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP092424
Lab Sample ID:	PB163472BL	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
BP022001.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP092424
Lab Sample ID:	PB163472BL	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
BP022001.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP092424
Lab Sample ID:	PB163472BL	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
BP022001.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.004		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	23.829		20-120		60	SPK: -40
4165-62-2	Phenol-d5	23.44		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.438		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.087		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.943		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.765		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.513		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.513		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.308		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.068		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.08		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.058		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.373		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BP092424
Lab Sample ID:	PB163472BL	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
BP022001.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.999		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	28.758		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	27.195		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.707		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89331	7.705				
1146-65-2	Naphthalene-d8	308328	10.475				
15067-26-2	Acenaphthene-d10	227259	14.316				
1517-22-2	Phenanthrene-d10	560475	17.122				
1719-03-5	Chrysene-d12	700859	21.539				
1520-96-3	Perylene-d12	846192	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000584-84-9	Benzene, 2,4-diisocyanato-1-methyl	2.2	J			12.698	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BP092424
Lab Sample ID:	P4092-03	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
BP022002.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	7.2		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BP092424
Lab Sample ID:	P4092-03	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
BP022002.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BP092424
Lab Sample ID:	P4092-03	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
BP022002.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.4	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	2	J	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.955		15-120		99	SPK: -8
7291-22-7	Pyridine-d5	7.212	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.555		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.984		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.977		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.41		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	33.328		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.4		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.682		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.509		1-146		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.112		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	36.809		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.072		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	39.611		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BP092424
Lab Sample ID:	P4092-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BP022002.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.829		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	38.303		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	39.333		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.967		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76439	7.711				
1146-65-2	Naphthalene-d8	288020	10.469				
15067-26-2	Acenaphthene-d10	238464	14.316				
1517-22-2	Phenanthrene-d10	621814	17.122				
1719-03-5	Chrysene-d12	815415	21.539				
1520-96-3	Perylene-d12	958499	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-49-8	Benzene, 1-chloro-2-methyl-	33	J			6.711	
000622-96-8	Benzene, 1-ethyl-4-methyl-	6	J			7.111	
002085-88-3	Oxirane, 2-methyl-2-phenyl-	2	J			7.616	
000526-73-8	Benzene, 1,2,3-trimethyl-	25	J			7.828	
036231-13-7	1,2,3,4,5,8-Hexahydronaphthalene	2.7	J			8.346	
001074-55-1	Benzene, 1-methyl-4-propyl-	4.3	J			8.505	
	unknown-01	2.5	J			9.046	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3.2	J			9.134	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	2.6	J			9.881	
035587-60-1	1-Methylindan-2-one	2.8	J			12.352	
000098-73-7	Benzoic acid, p-tert-butyl-	2.5	J			14.122	
000143-07-7	Dodecanoic acid	12	J			14.763	
000119-61-9	Benzophenone	5.5	J			15.704	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BP092424
Lab Sample ID:	P4092-02	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
BP022003.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

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

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BP092424
Lab Sample ID:	P4092-02	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
BP022003.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BP092424
Lab Sample ID:	P4092-02	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
BP022003.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.891		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	8.678		20-120		22	SPK: -40
4165-62-2	Phenol-d5	9.014		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.414		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.969		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20.32		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	34.206		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.483		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.996		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.37		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.714		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.847		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.696		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	38.023		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BP092424
Lab Sample ID:	P4092-02	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
BP022003.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.729		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	39.127		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	40.133		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.141		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88047	7.711				
1146-65-2	Naphthalene-d8	327617	10.469				
15067-26-2	Acenaphthene-d10	238646	14.316				
1517-22-2	Phenanthrene-d10	569675	17.11				
1719-03-5	Chrysene-d12	694144	21.527				
1520-96-3	Perylene-d12	834667	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000143-07-7	Dodecanoic acid	6.1	J			14.757	
000119-61-9	Benzophenone	8.7	J			15.693	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BP092424
Lab Sample ID:	P4092-09	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
BP022004.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	3.9	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BP092424
Lab Sample ID:	P4092-09	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
BP022004.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BP092424
Lab Sample ID:	P4092-09	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
BP022004.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.626		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	9.144		20-120		23	SPK: -40
4165-62-2	Phenol-d5	9.87		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.778		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.262		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	21.733		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	35.839		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.246		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.748		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.067		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.022		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.213		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.406		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	36.004		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BP092424
Lab Sample ID:	P4092-09	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
BP022004.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.522		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	38.449		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	39.443		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.793		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90463	7.71				
1146-65-2	Naphthalene-d8	352241	10.469				
15067-26-2	Acenaphthene-d10	290194	14.322				
1517-22-2	Phenanthrene-d10	710462	17.11				
1719-03-5	Chrysene-d12	861860	21.539				
1520-96-3	Perylene-d12	992362	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	82	J			5.393	
000095-49-8	Benzene, 1-chloro-2-methyl-	1000	J			6.722	
000622-96-8	Benzene, 1-ethyl-4-methyl-	15	J			7.11	
000076-01-7	Ethane, pentachloro-	2.7	J			7.163	
000526-73-8	Benzene, 1,2,3-trimethyl-	44	J			7.363	
000538-93-2	Benzene, (2-methylpropyl)-	4.7	J			7.581	
002085-88-3	Oxirane, 2-methyl-2-phenyl-	5.5	J			7.616	
000611-14-3	Benzene, 1-ethyl-2-methyl-	41	J			7.822	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	6.2	J			8.016	
000135-01-3	Benzene, 1,2-diethyl-	6.4	J			8.199	
001074-55-1	Benzene, 1-methyl-4-propyl-	12	J			8.252	
000105-05-5	Benzene, 1,4-diethyl-	24	J			8.34	
001074-17-5	Benzene, 1-methyl-2-propyl-	15	J			8.504	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	7.3	J			8.651	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	7.6	J			8.699	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	18	J			8.799	
	unknown-01	8.8	J			9.04	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BP092424
Lab Sample ID:	P4092-09	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
BP022004.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	6.9	J			9.134	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	2.7	J			9.269	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	3.8	J			9.316	
000527-84-4	o-Cymene	3.7	J			9.375	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	3.4	J			9.675	
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	5.7	J			9.881	
000089-74-7	Ethanone, 1-(2,4-dimethylphenyl)-	3.1	J			12.281	
000619-04-5	Benzoic acid, 3,4-dimethyl-	2.9	J			13.063	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	2	J			13.934	
000143-07-7	Dodecanoic acid	27	J			14.775	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BP092424
Lab Sample ID:	P4092-10	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
BP022005.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BP092424
Lab Sample ID:	P4092-10	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
BP022005.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BP092424
Lab Sample ID:	P4092-10	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
BP022005.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.279		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	11.087		20-120		28	SPK: -40
4165-62-2	Phenol-d5	9.234		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.203		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.357		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	21.634		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	36.097		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.295		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.864		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.587		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.672		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	37.14		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.759		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	37.863		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BP092424
Lab Sample ID:	P4092-10	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
BP022005.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.594		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	38.558		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	38.711		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.967		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88176	7.71				
1146-65-2	Naphthalene-d8	338392	10.469				
15067-26-2	Acenaphthene-d10	262013	14.316				
1517-22-2	Phenanthrene-d10	638578	17.116				
1719-03-5	Chrysene-d12	792281	21.539				
1520-96-3	Perylene-d12	944667	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-49-8	Benzene, 1-chloro-2-methyl-	7.9	J			6.705	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BP092424
Lab Sample ID:	P4092-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022006.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BP092424
Lab Sample ID:	P4092-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022006.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BP092424
Lab Sample ID:	P4092-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BP022006.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.687		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	10.136		20-120		25	SPK: -40
4165-62-2	Phenol-d5	10.367		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.575		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.756		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	22.744		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	34.388		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.973		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.978		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.023		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.176		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	35.273		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.482		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	36.3		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BP092424
Lab Sample ID:	P4092-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022006.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.354		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	39.107		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	40.41		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.186		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100128	7.711				
1146-65-2	Naphthalene-d8	365281	10.463				
15067-26-2	Acenaphthene-d10	267767	14.316				
1517-22-2	Phenanthrene-d10	647373	17.116				
1719-03-5	Chrysene-d12	739313	21.545				
1520-96-3	Perylene-d12	897466	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000143-07-7	Dodecanoic acid	15	J			14.763	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BP092424
Lab Sample ID:	P4092-12	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
BP022007.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BP092424
Lab Sample ID:	P4092-12	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
BP022007.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BP092424
Lab Sample ID:	P4092-12	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
BP022007.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.738		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	9.524		20-120		24	SPK: -40
4165-62-2	Phenol-d5	10.482		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.224		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.682		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	23.038		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	40.464		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.207		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.436		20-120		101	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.788		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.249		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	39.422		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.951		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	41.095		25-125		103	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BP092424
Lab Sample ID:	P4092-12	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
BP022007.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.368		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	43.405		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	43.376		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.269		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82927	7.71				
1146-65-2	Naphthalene-d8	312256	10.469				
15067-26-2	Acenaphthene-d10	263163	14.322				
1517-22-2	Phenanthrene-d10	658306	17.11				
1719-03-5	Chrysene-d12	835690	21.539				
1520-96-3	Perylene-d12	934223	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	3.4	J			5.046	
000108-38-3	Benzene, 1,3-dimethyl-	94	J			5.393	
000095-49-8	Benzene, 1-chloro-2-methyl-	1200	J			6.722	
000622-96-8	Benzene, 1-ethyl-4-methyl-	19	J			6.816	
000611-14-3	Benzene, 1-ethyl-2-methyl-	17	J			7.11	
000076-01-7	Ethane, pentachloro-	3	J			7.163	
000538-93-2	Benzene, (2-methylpropyl)-	5.4	J			7.587	
000093-53-8	Benzeneacetaldehyde, .alpha.-methy	6.5	J			7.616	
000526-73-8	Benzene, 1,2,3-trimethyl-	46	J			7.822	
000099-87-6	p-Cymene	7.2	J			8.016	
000105-05-5	Benzene, 1,4-diethyl-	7.3	J			8.193	
000135-98-8	Benzene, (1-methylpropyl)-	13	J			8.252	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	27	J			8.34	
001074-55-1	Benzene, 1-methyl-4-propyl-	17	J			8.505	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	8	J			8.652	
000527-84-4	o-Cymene	8.7	J			8.699	
1000163-70-9	3-Buten-2-ol, 4-phenyl-, (E)-	10	J			9.04	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BP092424
Lab Sample ID:	P4092-12	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
BP022007.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
027087-54-3	Bicyclo[4.2.0]octa-1,3,5-triene, 7	7.8	J			9.134	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	3.3	J			9.269	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	4.4	J			9.316	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	4.4	J			9.369	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	3.7	J			9.675	
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	6.7	J			9.881	
000487-68-3	Benzaldehyde, 2,4,6-trimethyl-	2.4	J			12.093	
000089-74-7	Ethanone, 1-(2,4-dimethylphenyl)-	4	J			12.281	
	unknown-02	2.1	J			12.357	
000632-46-2	Benzoic acid, 2,6-dimethyl-	2.5	J			12.445	
000619-04-5	Benzoic acid, 3,4-dimethyl-	3.3	J			13.063	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	2.4	J			13.928	
000143-07-7	Dodecanoic acid	33	J			14.781	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BP092424
Lab Sample ID:	P4092-01	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
BP022008.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

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

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BP092424
Lab Sample ID:	P4092-01	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
BP022008.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BP092424
Lab Sample ID:	P4092-01	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
BP022008.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.519		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	7.049	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.243		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.129		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.996		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	19.557		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	34.931		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.049		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.92		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.71		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.075		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	33.79		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.559		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	33.946		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BP092424
Lab Sample ID:	P4092-01	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
BP022008.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.473		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	35.174		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	37.472		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.677		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108855	7.71				
1146-65-2	Naphthalene-d8	404091	10.469				
15067-26-2	Acenaphthene-d10	313494	14.322				
1517-22-2	Phenanthrene-d10	761439	17.11				
1719-03-5	Chrysene-d12	870058	21.539				
1520-96-3	Perylene-d12	990867	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-49-8	Benzene, 1-chloro-2-methyl-	7.8	J			6.705	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BP092424
Lab Sample ID:	P4092-08	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
BP022009.D	1	9/18/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163502

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BP092424
Lab Sample ID:	P4092-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022009.D	1	9/18/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BP092424
Lab Sample ID:	P4092-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022009.D	1	9/18/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.232		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	6.434	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	7.352		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.483		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.388		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	17.169		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.326		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.556		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.09		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.322		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.107		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.247		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.281		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	29.446		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BP092424
Lab Sample ID:	P4092-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022009.D	1	9/18/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163502

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.022		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	31.243		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.112		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.3		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105956	7.71				
1146-65-2	Naphthalene-d8	395535	10.469				
15067-26-2	Acenaphthene-d10	311327	14.31				
1517-22-2	Phenanthrene-d10	759751	17.11				
1719-03-5	Chrysene-d12	910396	21.545				
1520-96-3	Perylene-d12	1062131	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BP092424
Lab Sample ID:	P4092-04	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
BP022010.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

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

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BP092424
Lab Sample ID:	P4092-04	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
BP022010.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BP092424
Lab Sample ID:	P4092-04	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
BP022010.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.247		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	12.274		20-120		31	SPK: -40
4165-62-2	Phenol-d5	8.69		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.832		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.007		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	20.588		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	36.131		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.864		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.262		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.457		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.333		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.081		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.824		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	38.268		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BP092424
Lab Sample ID:	P4092-04	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
BP022010.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.965		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	39.558		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	38.764		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.091		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86959	7.71				
1146-65-2	Naphthalene-d8	319090	10.469				
15067-26-2	Acenaphthene-d10	244593	14.322				
1517-22-2	Phenanthrene-d10	605811	17.116				
1719-03-5	Chrysene-d12	779947	21.539				
1520-96-3	Perylene-d12	963260	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	6.8	J			15.704	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BP092424
Lab Sample ID:	P4092-05	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
BP022011.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

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

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BP092424
Lab Sample ID:	P4092-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022011.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BP092424
Lab Sample ID:	P4092-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022011.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.962		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	9.477		20-120		24	SPK: -40
4165-62-2	Phenol-d5	9.235		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.91		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.759		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	20.592		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	36.24		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.826		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.506		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.622		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.372		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.34		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.98		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	38.768		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BP092424
Lab Sample ID:	P4092-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022011.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.2		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	40.394		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	38.916		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.652		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90332	7.71				
1146-65-2	Naphthalene-d8	332862	10.469				
15067-26-2	Acenaphthene-d10	254654	14.322				
1517-22-2	Phenanthrene-d10	624925	17.11				
1719-03-5	Chrysene-d12	787742	21.539				
1520-96-3	Perylene-d12	927906	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-49-8	Benzene, 1-chloro-2-methyl-	14	J			6.705	
000143-07-7	Dodecanoic acid	11	J			14.757	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BP092424
Lab Sample ID:	PB163472BS	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
BP022012.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	21		1.1	5	10	ug/L
110-86-1	Pyridine	25		1.7	10	10	ug/L
108-95-2	Phenol	31		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	31		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.9	5	10	ug/L
98-86-2	Acetophenone	31		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	30		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.1	2.5	5	ug/L
91-20-3	Naphthalene	31		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.5	2.5	5	ug/L
105-60-2	Caprolactam	28		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BP092424
Lab Sample ID:	PB163472BS	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
BP022012.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	31		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	22		1.9	5	10	ug/L
85-01-8	Phenanthrene	33		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.7	2.5	5	ug/L
120-12-7	Anthracene	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	33		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BP092424
Lab Sample ID:	PB163472BS	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
BP022012.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.1	2.5	5	ug/L
218-01-9	Chrysene	34		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.921		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	24.858		20-120		62	SPK: -40
4165-62-2	Phenol-d5	28.105		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.953		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.435		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.391		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.533		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.654		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.445		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.81		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.942		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.55		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.916		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	30.612		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BP092424
Lab Sample ID:	PB163472BS	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
BP022012.D	1	9/17/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.523		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	30.238		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	30.159		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.182		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104806	7.71				
1146-65-2	Naphthalene-d8	405730	10.469				
15067-26-2	Acenaphthene-d10	326429	14.316				
1517-22-2	Phenanthrene-d10	824932	17.116				
1719-03-5	Chrysene-d12	1003213	21.533				
1520-96-3	Perylene-d12	1177379	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP092424
Lab Sample ID:	PB163539BL	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
BP022014.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

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

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP092424
Lab Sample ID:	PB163539BL	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
BP022014.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP092424
Lab Sample ID:	PB163539BL	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
BP022014.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	26.59		20-120		66	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.202		15-120		65	SPK: -8
4165-62-2	Phenol-d5	27.365		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.35		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.581		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.397		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.816		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.356		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.39		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.439		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.291		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.033		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.188		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	28.653		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP092424
Lab Sample ID:	PB163539BL	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
BP022014.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.834		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	30.753		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.266		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.22		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119837	7.705				
1146-65-2	Naphthalene-d8	466231	10.469				
15067-26-2	Acenaphthene-d10	376847	14.322				
1517-22-2	Phenanthrene-d10	905203	17.116				
1719-03-5	Chrysene-d12	1019321	21.533				
1520-96-3	Perylene-d12	1125245	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP092424
Lab Sample ID:	PB163586BL	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
BP022015.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP092424
Lab Sample ID:	PB163586BL	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
BP022015.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP092424
Lab Sample ID:	PB163586BL	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
BP022015.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.031		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	28.424		20-120		71	SPK: -40
4165-62-2	Phenol-d5	29.28		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.411		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.895		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.434		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.342		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.666		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.896		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.452		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.117		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.235		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.944		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	SBLK586	SDG No.:	BP092424
Lab Sample ID:	PB163586BL	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
BP022015.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.745		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	32.922		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	32.771		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.076		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96101	7.716				
1146-65-2	Naphthalene-d8	347962	10.475				
15067-26-2	Acenaphthene-d10	269157	14.322				
1517-22-2	Phenanthrene-d10	662278	17.11				
1719-03-5	Chrysene-d12	776120	21.545				
1520-96-3	Perylene-d12	896105	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BP092424
Lab Sample ID:	P4107-12	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
BP022016.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

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

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BP092424
Lab Sample ID:	P4107-12	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
BP022016.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BP092424
Lab Sample ID:	P4107-12	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
BP022016.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.102		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	9.016		20-120		23	SPK: -40
4165-62-2	Phenol-d5	11.072		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.356		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.419		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	25.149		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	37.296		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.192		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.151		20-120		103	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.864		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.631		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	39.129		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.688		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	41.472		25-125		104	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BP092424
Lab Sample ID:	P4107-12	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
BP022016.D	1	9/20/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.188		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	39.82		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	39.22		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.596		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86952	7.71				
1146-65-2	Naphthalene-d8	326128	10.469				
15067-26-2	Acenaphthene-d10	255318	14.322				
1517-22-2	Phenanthrene-d10	713590	17.116				
1719-03-5	Chrysene-d12	944145	21.545				
1520-96-3	Perylene-d12	1126141	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000085-44-9	Phthalic anhydride	19	J			12.234	
000334-48-5	n-Decanoic acid	2.3	J			12.592	
000143-07-7	Dodecanoic acid	66	J			14.787	
000119-61-9	Benzophenone	3.6	J			15.704	
000057-10-3	n-Hexadecanoic acid	5.3	J			18.057	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BP092424
Lab Sample ID:	P4080-06	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
BP022017.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

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

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BP092424
Lab Sample ID:	P4080-06	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
BP022017.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BP092424
Lab Sample ID:	P4080-06	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
BP022017.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.374		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	11.727		20-120		29	SPK: -40
4165-62-2	Phenol-d5	10.077		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.026		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.884		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	23.564		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	37.902		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.176		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.122		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.852		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.963		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.4		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.048		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	38.591		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BP092424
Lab Sample ID:	P4080-06	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
BP022017.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.133		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	42.049		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	42.153		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.99		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112001	7.711				
1146-65-2	Naphthalene-d8	419324	10.469				
15067-26-2	Acenaphthene-d10	316666	14.316				
1517-22-2	Phenanthrene-d10	787108	17.11				
1719-03-5	Chrysene-d12	929954	21.539				
1520-96-3	Perylene-d12	1096907	24.816				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX1	SDG No.:	BP092424
Lab Sample ID:	P4080-07	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
BP022018.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX1	SDG No.:	BP092424
Lab Sample ID:	P4080-07	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
BP022018.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX1	SDG No.:	BP092424
Lab Sample ID:	P4080-07	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
BP022018.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.078		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	5.323	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	9.29		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.727		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.122		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	22.201		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	36.323		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.798		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.484		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.731		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.032		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	36.578		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.209		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	37.869		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AX1	SDG No.:	BP092424
Lab Sample ID:	P4080-07	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
BP022018.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.964		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	39.648		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.698		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.572		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94625	7.71				
1146-65-2	Naphthalene-d8	356920	10.469				
15067-26-2	Acenaphthene-d10	276576	14.316				
1517-22-2	Phenanthrene-d10	679962	17.122				
1719-03-5	Chrysene-d12	793165	21.545				
1520-96-3	Perylene-d12	915434	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	3	J			11.01	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	3.3	J			11.069	
000770-35-4	1-Phenoxypropan-2-ol	310	J			11.216	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	2.2	J			22.816	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B54	SDG No.:	BP092424
Lab Sample ID:	P4092-13	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
BP022019.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B54	SDG No.:	BP092424
Lab Sample ID:	P4092-13	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
BP022019.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B54	SDG No.:	BP092424
Lab Sample ID:	P4092-13	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
BP022019.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.507		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	11.16		20-120		28	SPK: -40
4165-62-2	Phenol-d5	12.203		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.26		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.314		20-130		91	SPK: -40
190780-66-6	4-Methylphenol-d8	27.852		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	37.597		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.048		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.952		20-120		100	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.012		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.167		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	39.447		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.089		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	40.61		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B54	SDG No.:	BP092424
Lab Sample ID:	P4092-13	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
BP022019.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.402		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	42.488		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	42.376		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.316		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95313	7.705				
1146-65-2	Naphthalene-d8	364701	10.469				
15067-26-2	Acenaphthene-d10	277101	14.322				
1517-22-2	Phenanthrene-d10	668653	17.11				
1719-03-5	Chrysene-d12	794996	21.545				
1520-96-3	Perylene-d12	913490	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			11.21	
000143-07-7	Dodecanoic acid	16	J			14.769	
000057-10-3	n-Hexadecanoic acid	2	J			18.051	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	C0SX5	SDG No.:	BP092424
Lab Sample ID:	P4106-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022020.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.52	2.1	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.2	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	10.3	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.2	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.2	10	ug/L
95-57-8	2-Chlorophenol	1.4	J	0.94	2.6	5.2	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.2	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2	U	2	5.2	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.2	10	ug/L
106-44-5	4-Methylphenol	1.8	U	1.8	5.2	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2	U	2	2.6	5.2	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.2	ug/L
98-95-3	Nitrobenzene	38		1.4	2.6	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	2.6	5.2	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.2	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	2.6	5.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.2	ug/L
91-20-3	Naphthalene	0.97	U	0.97	2.6	5.2	ug/L
106-47-8	4-Chloroaniline	0.97	U	0.97	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.2	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.2	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.94	U	0.94	2.6	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.2	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2.1	U	2.1	2.6	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.2	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	C0SX5	SDG No.:	BP092424
Lab Sample ID:	P4106-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022020.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.2	ug/L
88-74-4	2-Nitroaniline	1.9	U	1.9	2.6	5.2	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.8	U	1.8	2.6	5.2	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.2	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.2	10	ug/L
83-32-9	Acenaphthene	0.99	U	0.99	2.6	5.2	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.2	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.2	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.2	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.2	ug/L
86-73-7	Fluorene	0.97	U	0.97	2.6	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.2	ug/L
100-01-6	4-Nitroaniline	0.86	U	0.86	5.2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.5	U	2.5	5.2	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	2.6	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.2	ug/L
1912-24-9	Atrazine	1.9	U	1.9	5.2	10	ug/L
87-86-5	Pentachlorophenol	2	U	2	5.2	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.2	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	2.6	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	2.3	J	1.8	2.6	5.2	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.2	10	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	2.6	5.2	ug/L
206-44-0	Fluoranthene	2	U	2	5.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	C0SX5	SDG No.:	BP092424
Lab Sample ID:	P4106-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022020.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.9	U	1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.2	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.721		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	13.964		20-120		35	SPK: -40
4165-62-2	Phenol-d5	7.75		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.752		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.386		20-130		43	SPK: -40
190780-66-6	4-Methylphenol-d8	19.633		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	32.974		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.914		20-130		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.925		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.313		1-146		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.26		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.924		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.487	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	31.652		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	C0SX5	SDG No.:	BP092424
Lab Sample ID:	P4106-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022020.D	1	9/19/2024 12:00:00 AM	9/25/2024 12:00:00 AM	PB163539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.299		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	33.666		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	31.778		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.429		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96716	7.71				
1146-65-2	Naphthalene-d8	334087	10.463				
15067-26-2	Acenaphthene-d10	241926	14.316				
1517-22-2	Phenanthrene-d10	582543	17.122				
1719-03-5	Chrysene-d12	757872	21.551				
1520-96-3	Perylene-d12	866349	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.1	A			4.875	
000121-73-3	Benzene, 1-chloro-3-nitro-	20	J			11.057	
000088-73-3	Benzene, 1-chloro-2-nitro-	5.9	J			11.275	
000540-97-6	Cyclohexasiloxane, dodecamethyl-	2.4	J			11.752	
007557-00-8	Quinazoline, 7-nitro-	4.1	J			15.375	
	unknown-01	5.8	J			18.539	
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AX5								
P4080-06	C0AX5	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AX1								
P4080-07	C0AX1	Water	1,4-Benzenedicarboxylic acid, bis *	2.200	J			
P4080-07	C0AX1	Water	1-Phenoxypropan-2-ol *	310.000	J			
P4080-07	C0AX1	Water	2-Propanol, 1-(2-butoxy-1-methyl *	3.300	J			
P4080-07	C0AX1	Water	2-Propanol, 1-[1-methyl-2-(2-prop *	3.000	J			
P4080-07	C0AX1	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			318.50		
			Total Concentration:			318.50		
Client ID : C0B15								
P4092-01	C0B15	Water	Benzene, 1-chloro-2-methyl-	*	7.800	J		
P4092-01	C0B15	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			7.80		
			Total Concentration:			7.80		
Client ID : C0B16								
P4092-02	C0B16	Water	Benzophenone	*	8.700	J		
P4092-02	C0B16	Water	Dodecanoic acid	*	6.100	J		
P4092-02	C0B16	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			14.80		
P4092-02	C0B16	Water	1,4-Dioxane		2.000	0.35	2	ug/L
			Total Svoc :			2.00		
			Total Concentration:			16.80		
Client ID : C0B17								
P4092-03	C0B17	Water	1,2,3,4,5,8-Hexahydronaphthalene *	2.700	J			
P4092-03	C0B17	Water	1-Methylindan-2-one *	2.800	J			
P4092-03	C0B17	Water	Benzene, 1,2,3-trimethyl-	*	25.000	J		
P4092-03	C0B17	Water	Benzene, 1,2,4,5-tetramethyl-	*	2.600	J		
P4092-03	C0B17	Water	Benzene, 1-chloro-2-methyl-	*	33.000	J		
P4092-03	C0B17	Water	Benzene, 1-ethyl-4-methyl-	*	6.000	J		
P4092-03	C0B17	Water	Benzene, 1-methyl-4-propyl-	*	4.300	J		
P4092-03	C0B17	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	3.200	J		
P4092-03	C0B17	Water	Benzoic acid, p-tert-butyl-	*	2.500	J		
P4092-03	C0B17	Water	Benzophenone	*	5.500	J		
P4092-03	C0B17	Water	Dodecanoic acid	*	12.000	J		

Hit Summary Sheet SW-846

SDG No.: BP092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL		RDL	Units
P4092-03	C0B17	Water	Oxirane, 2-methyl-2-phenyl-	*	2.000	J			
P4092-03	C0B17	Water	unknown-01	*	2.500	J			
P4092-03	C0B17	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :				104.10					
P4092-03	C0B17	Water	1,4-Dioxane		3.200		0.35	2	ug/L
P4092-03	C0B17	Water	Benzo(b)fluoranthene		2.000	J	1.4	5	ug/L
P4092-03	C0B17	Water	Benzo(g,h,i)perylene		1.200	J	1.2	5	ug/L
P4092-03	C0B17	Water	Chrysene		1.400	J	1.1	5	ug/L
P4092-03	C0B17	Water	Naphthalene		7.200		0.94	5	ug/L
Total Svoc :				15.00					
Total Concentration:				119.10					
Client ID : C0B18									
P4092-04	C0B18	Water	Benzophenone	*	6.800	J			
P4092-04	C0B18	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :				6.80					
Total Concentration:				6.80					
Client ID : C0B19									
P4092-05	C0B19	Water	Benzene, 1-chloro-2-methyl-	*	14.000	J			
P4092-05	C0B19	Water	Dodecanoic acid	*	11.000	J			
P4092-05	C0B19	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :				25.00					
Total Concentration:				25.00					
Client ID : C0B28									
P4092-08	C0B28	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :				0.00					
Total Concentration:				0.00					
Client ID : C0B36									
P4092-09	C0B36	Water	1H-Indene, 2,3-dihydro-1,1-dimet	*	6.900	J			
P4092-09	C0B36	Water	Benzene, (2-methyl-1-butenyl)-	*	3.400	J			
P4092-09	C0B36	Water	Benzene, (2-methylpropyl)-	*	4.700	J			
P4092-09	C0B36	Water	Benzene, 1,2,3,5-tetramethyl-	*	3.800	J			
P4092-09	C0B36	Water	Benzene, 1,2,3-trimethyl-	*	44.000	J			
P4092-09	C0B36	Water	Benzene, 1,2-diethyl-	*	6.400	J			
P4092-09	C0B36	Water	Benzene, 1,3-diethyl-5-methyl-	*	2.700	J			
P4092-09	C0B36	Water	Benzene, 1,3-dimethyl-	*	82.000	J			
P4092-09	C0B36	Water	Benzene, 1,4-diethyl-	*	24.000	J			
P4092-09	C0B36	Water	Benzene, 1-chloro-2-methyl-	*	1,000.000	J			
P4092-09	C0B36	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	7.600	J			
P4092-09	C0B36	Water	Benzene, 1-ethyl-2-methyl-	*	41.000	J			

Hit Summary Sheet
SW-846

SDG No.: BP092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4092-09	C0B36	Water	Benzene, 1-ethyl-4-methyl-	*	15.000	J		
P4092-09	C0B36	Water	Benzene, 1-methyl-2-(2-propenyl)	*	5.700	J		
P4092-09	C0B36	Water	Benzene, 1-methyl-2-propyl-	*	15.000	J		
P4092-09	C0B36	Water	Benzene, 1-methyl-3-(1-methylethyl)	*	6.200	J		
P4092-09	C0B36	Water	Benzene, 1-methyl-4-propyl-	*	12.000	J		
P4092-09	C0B36	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	18.000	J		
P4092-09	C0B36	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	7.300	J		
P4092-09	C0B36	Water	Benzoic acid, 2,4,5-trimethyl-	*	2.000	J		
P4092-09	C0B36	Water	Benzoic acid, 3,4-dimethyl-	*	2.900	J		
P4092-09	C0B36	Water	Dodecanoic acid	*	27.000	J		
P4092-09	C0B36	Water	Ethane, pentachloro-	*	2.700	J		
P4092-09	C0B36	Water	Ethanone, 1-(2,4-dimethylphenyl)	*	3.100	J		
P4092-09	C0B36	Water	o-Cymene	*	3.700	J		
P4092-09	C0B36	Water	Oxirane, 2-methyl-2-phenyl-	*	5.500	J		
P4092-09	C0B36	Water	unknown-01	*	8.800	J		
P4092-09	C0B36	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :		1,361.40			
P4092-09	C0B36	Water	1,4-Dioxane		1.300	J 0.35	2	ug/L
P4092-09	C0B36	Water	Naphthalene		3.900	J 0.94	5	ug/L
			Total Svoc :		5.20			
			Total Concentration:		1,366.60			
Client ID :	C0B37							
P4092-10	C0B37	Water	Benzene, 1-chloro-2-methyl-	*	7.900	J		
P4092-10	C0B37	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :		7.90			
P4092-10	C0B37	Water	1,4-Dioxane		1.100	J 0.35	2	ug/L
			Total Svoc :		1.10			
			Total Concentration:		9.00			
Client ID :	C0B47							
P4092-11	C0B47	Water	Dodecanoic acid	*	15.000	J		
P4092-11	C0B47	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :		15.00			
			Total Concentration:		15.00			
Client ID :	C0B53							
P4092-12	C0B53	Water	3-Buten-2-ol, 4-phenyl-, (E)-	*	10.000	J		
P4092-12	C0B53	Water	Benzaldehyde, 2,4,6-trimethyl-	*	2.400	J		
P4092-12	C0B53	Water	Benzene, (1-methylpropyl)-	*	13.000	J		
P4092-12	C0B53	Water	Benzene, (2-methyl-1-butenyl)-	*	3.700	J		
P4092-12	C0B53	Water	Benzene, (2-methylpropyl)-	*	5.400	J		

Hit Summary Sheet SW-846

SDG No.: BP092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4092-12	C0B53	Water	Benzene, 1,2,3,4-tetramethyl-	*	4.400	J		
P4092-12	C0B53	Water	Benzene, 1,2,3-trimethyl-	*	46.000	J		
P4092-12	C0B53	Water	Benzene, 1,3-diethyl-5-methyl-	*	3.300	J		
P4092-12	C0B53	Water	Benzene, 1,3-dimethyl-	*	94.000	J		
P4092-12	C0B53	Water	Benzene, 1,4-diethyl-	*	7.300	J		
P4092-12	C0B53	Water	Benzene, 1-chloro-2-methyl-	*	1,200.000	J		
P4092-12	C0B53	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	4.400	J		
P4092-12	C0B53	Water	Benzene, 1-ethyl-2-methyl-	*	17.000	J		
P4092-12	C0B53	Water	Benzene, 1-ethyl-4-methyl-	*	19.000	J		
P4092-12	C0B53	Water	Benzene, 1-methyl-2-(2-propenyl)-	*	6.700	J		
P4092-12	C0B53	Water	Benzene, 1-methyl-4-propyl-	*	17.000	J		
P4092-12	C0B53	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	27.000	J		
P4092-12	C0B53	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	8.000	J		
P4092-12	C0B53	Water	Benzeneacetaldehyde, .alpha.-met	*	6.500	J		
P4092-12	C0B53	Water	Benzoic acid, 2,4,5-trimethyl-	*	2.400	J		
P4092-12	C0B53	Water	Benzoic acid, 2,6-dimethyl-	*	2.500	J		
P4092-12	C0B53	Water	Benzoic acid, 3,4-dimethyl-	*	3.300	J		
P4092-12	C0B53	Water	Bicyclo[4.2.0]octa-1,3,5-triene, 7	*	7.800	J		
P4092-12	C0B53	Water	Dodecanoic acid	*	33.000	J		
P4092-12	C0B53	Water	Ethane, pentachloro-	*	3.000	J		
P4092-12	C0B53	Water	Ethanone, 1-(2,4-dimethylphenyl)-	*	4.000	J		
P4092-12	C0B53	Water	o-Cymene	*	8.700	J		
P4092-12	C0B53	Water	p-Cymene	*	7.200	J		
P4092-12	C0B53	Water	unknown-01	*	3.400	J		
P4092-12	C0B53	Water	unknown-02	*	2.100	J		
P4092-12	C0B53	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					1,572.50			
P4092-12	C0B53	Water	1,4-Dioxane		1.600	J 0.35	2	ug/L
P4092-12	C0B53	Water	Naphthalene		4.700	J 0.94	5	ug/L
Total Svoc :					6.30			
Total Concentration:					1,578.80			

Client ID : C0B54

P4092-13	C0B54	Water	1-Phenoxypropan-2-ol	*	2.200	J		
P4092-13	C0B54	Water	Dodecanoic acid	*	16.000	J		
P4092-13	C0B54	Water	n-Hexadecanoic acid	*	2.000	J		
P4092-13	C0B54	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					20.20			
Total Concentration:					20.20			

Client ID : C0SX5

Hit Summary Sheet SW-846

SDG No.: BP092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL		RDL	Units
P4106-01	C0SX5	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.100	A				
P4106-01	C0SX5	Water	Benzene, 1-chloro-2-nitro- *	5.900	J				
P4106-01	C0SX5	Water	Benzene, 1-chloro-3-nitro- *	20.000	J				
P4106-01	C0SX5	Water	Cyclohexasiloxane, dodecamethyl *	2.400	J				
P4106-01	C0SX5	Water	Quinazoline, 7-nitro- *	4.100	J				
P4106-01	C0SX5	Water	unknown-01 *	5.800	J				
P4106-01	C0SX5	Water	Total Alkanes *	0.000		1.1		5.2	ug/L
Total Tics :				43.30					
P4106-01	C0SX5	Water	1,2,3,4-Tetrachlorobenzene	2.300	J	1.8		5.2	ug/L
P4106-01	C0SX5	Water	2-Chlorophenol	1.400	J	0.94		5.2	ug/L
P4106-01	C0SX5	Water	Nitrobenzene	38.000		1.4		5.2	ug/L
Total Svoc :				41.70					
Total Concentration:				85.00					
Client ID : C0B34									
P4107-12	C0B34	Water	Benzophenone *	3.600	J				
P4107-12	C0B34	Water	Dodecanoic acid *	66.000	J				
P4107-12	C0B34	Water	n-Decanoic acid *	2.300	J				
P4107-12	C0B34	Water	n-Hexadecanoic acid *	5.300	J				
P4107-12	C0B34	Water	Phthalic anhydride *	19.000	J				
P4107-12	C0B34	Water	Total Alkanes *	0.000		1.1		5	ug/L
Total Tics :				96.20					
Total Concentration:				96.20					



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424
Instrument ID: _____ Calibration Date(s): 9/24/2024 : _____
Calibration Time(s): 10:53 : _____

LAB FILE ID:		RRFAL1 = BP021990.D		RRFAL2 = BP021991.D		RRFAL3 = BP021992.D		
		RRFAL4 = BP021993.D		RRFAL5 = BP021994.D		RRFAL6 = BP021995.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.561	0.576	0.554	0.534	0.541		0.553	3.0
Benzaldehyde		1.112	1.073	1.057	0.732	0.653	0.925	23.3
Pyridine		1.598	1.437	1.482	1.492	1.405	1.483	4.9
Hexachloroethane	0.560	0.629	0.551	0.595	0.562		0.579	5.6
Nitrobenzene	0.434	0.500	0.442	0.456	0.456		0.458	5.6
Isophorone	0.698	0.853	0.760	0.836	0.817		0.793	8.0
2-Nitrophenol	0.152	0.186	0.176	0.196	0.198		0.182	10.4
2,4-Dimethylphenol	0.385	0.442	0.392	0.414	0.424		0.411	5.8
Bis(2-Chloroethoxy)methane	0.413	0.495	0.440	0.480	0.456		0.457	7.1
2,4-Dichlorophenol	0.332	0.388	0.346	0.380	0.385		0.366	6.9
Naphthalene	1.012	1.136	1.005	1.050	1.059		1.052	5.0
4-Chloroaniline		0.456	0.411	0.441	0.443	0.426	0.436	4.0
Hexachlorobutadiene	0.327	0.355	0.311	0.320	0.312		0.325	5.5
Phenol		1.732	1.587	1.717	1.705	1.795	1.707	4.4
Caprolactam		0.103	0.101	0.112	0.119	0.120	0.111	7.8
4-Chloro-3-methylphenol	0.340	0.422	0.379	0.416	0.424		0.396	9.1
1-Methylnaphthalene	0.728	0.845	0.749	0.808	0.814		0.789	6.2
2-Methylnaphthalene	0.714	0.846	0.739	0.813	0.799		0.782	7.0
Hexachlorocyclopentadiene		0.475	0.423	0.485	0.468	0.481	0.466	5.4
2,4,6-Trichlorophenol	0.391	0.461	0.406	0.480	0.480		0.443	9.5
2,4,5-Trichlorophenol	0.429	0.494	0.448	0.512	0.518		0.480	8.3
1,1-Biphenyl	1.347	1.573	1.319	1.469	1.444		1.430	7.1
2-Chloronaphthalene	1.089	1.238	1.051	1.204	1.176		1.152	6.8
2-Nitroaniline	0.264	0.343	0.315	0.363	0.381		0.333	13.7
Bis(2-Chloroethyl)ether		1.342	1.272	1.349	1.268	1.302	1.307	2.9
Dimethylphthalate	1.474	1.685	1.459	1.574	1.573		1.553	5.9
2,6-Dinitrotoluene	0.240	0.308	0.283	0.318	0.340		0.298	12.8
Acenaphthylene	1.543	1.837	1.593	1.761	1.801		1.707	7.7
3-Nitroaniline		0.257	0.257	0.282	0.276	0.284	0.271	5.0
Acenaphthene	1.174	1.347	1.140	1.265	1.275		1.240	6.7
2,4-Dinitrophenol		0.167	0.169	0.198	0.227	0.251	0.203	18.0
4-Nitrophenol		0.309	0.282	0.296	0.313	0.297	0.299	4.1
Dibenzofuran	1.756	2.062	1.709	1.854	1.838		1.844	7.3
2,4-Dinitrotoluene	0.384	0.482	0.439	0.478	0.511		0.459	10.7
Diethylphthalate	1.415	1.711	1.453	1.555	1.550		1.537	7.5
2-Chlorophenol	1.103	1.321	1.209	1.268	1.235		1.227	6.6

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.: BP092424 SAS No.: BP092424 SDG No.: BP092424

Instrument ID: _____ Calibration Date(s): 9/24/2024 : _____

Calibration Time(s): 10:53 : _____

LAB FILE ID:	RRFAL1 = BP021990.D			RRFAL2 = BP021991.D		RRFAL3 = BP021992.D		
	RRFAL4 = BP021993.D			RRFAL5 = BP021994.D		RRFAL6 = BP021995.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.497	1.677	1.421	1.514	1.559		1.533	6.2
4-Chlorophenyl-phenylether	0.874	0.954	0.813	0.877	0.895		0.883	5.7
4-Nitroaniline		0.299	0.281	0.287	0.265	0.247	0.276	7.3
4,6-Dinitro-2-methylphenol		0.129	0.118	0.137	0.141	0.152	0.135	9.5
N-Nitrosodiphenylamine	0.487	0.589	0.487	0.544	0.527		0.527	8.1
1,2,4,5-Tetrachlorobenzene	0.704	0.799	0.685	0.762	0.758		0.742	6.2
4-Bromophenyl-phenylether	0.224	0.260	0.218	0.253	0.245		0.240	7.6
Hexachlorobenzene	0.276	0.320	0.268	0.300	0.294		0.292	7.1
Atrazine		0.256	0.224	0.238	0.244	0.212	0.235	7.2
Pentachlorophenol		0.188	0.170	0.198	0.202	0.215	0.195	8.7
2-Methylphenol		1.199	1.173	1.252	1.258	1.310	1.238	4.3
Phenanthrene	0.997	1.148	0.980	1.072	1.047		1.049	6.3
Pentachlorobenzene	0.324	0.363	0.296	0.343	0.324		0.330	7.5
Anthracene	1.028	1.168	0.989	1.085	1.067		1.067	6.3
1,2,3,4-Tetrachlorobenzene	0.274	0.322	0.270	0.331	0.304		0.300	9.2
Carbazole		1.020	0.889	0.953	0.921	0.920	0.941	5.3
Di-n-butylphthalate	0.983	1.200	1.040	1.120	1.078		1.084	7.6
Fluoranthene	1.009	1.225	1.104	1.278	1.305		1.184	10.6
Pyrene	1.125	1.346	1.176	1.368	1.359		1.275	9.0
Butylbenzylphthalate	0.361	0.463	0.425	0.485	0.488		0.444	11.9
3,3-Dichlorobenzidine		0.479	0.440	0.481	0.454	0.436	0.458	4.6
2,2-oxybis (1-Chloropropane)		1.308	1.188	1.257	1.141	1.168	1.212	5.7
Benzo (a) anthracene	1.299	1.485	1.284	1.412	1.411		1.378	6.2
Chrysene	1.258	1.403	1.190	1.313	1.304		1.294	6.1
Bis (2-ethylhexyl) phthalate	0.552	0.701	0.634	0.696	0.676		0.652	9.4
Di-n-octyl phthalate		0.943	0.913	1.024	1.029	1.031	0.988	5.6
Benzo (b) fluoranthene	1.102	1.299	1.165	1.306	1.337		1.242	8.2
Benzo (k) fluoranthene	1.111	1.304	1.182	1.288	1.302		1.237	7.0
Benzo (a) pyrene	1.020	1.201	1.086	1.196	1.218		1.144	7.6
Indeno (1,2,3-cd) pyrene	1.427	1.570	1.364	1.531	1.566		1.492	6.2
Dibenzo (a,h) anthracene	1.167	1.282	1.076	1.235	1.248		1.202	6.8
Benzo (g,h,i) perylene	1.103	1.204	1.055	1.198	1.227		1.157	6.4
Acetophenone		2.234	2.042	2.227	2.136	2.144	2.156	3.7
2,3,4,6-Tetrachlorophenol	0.419	0.494	0.425	0.483	0.489		0.462	8.0
1,4-Dioxane-d8	0.504	0.544	0.496	0.490	0.519		0.511	4.2
Pyridine-d5		1.559	1.414	1.454	1.475	1.395	1.460	4.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG No.: BP092424
Instrument ID: _____ Calibration Date(s): 9/24/2024 : _____
Calibration Time(s): 10:53 _____

LAB FILE ID:		RRFAL1 = BP021990.D			RRFAL2 = BP021991.D		RRFAL3 = BP021992.D	
		RRFAL4 = BP021993.D			RRFAL5 = BP021994.D		RRFAL6 = BP021995.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.621	1.512	1.639	1.664	1.745	1.636	5.1
Bis-(2-Chloroethyl)ether-d8		1.094	0.965	1.029	0.963	0.986	1.007	5.5
2-Chlorophenol-d4	1.038	1.233	1.173	1.241	1.234		1.184	7.2
4-Methylphenol-d8		1.271	1.209	1.340	1.305	1.357	1.296	4.6
Nitrobenzene-d5	0.133	0.156	0.144	0.157	0.159		0.150	7.4
2-Nitrophenol-d4	0.144	0.173	0.161	0.181	0.189		0.170	10.4
2,4-Dichlorophenol-d3	0.326	0.380	0.358	0.385	0.394		0.369	7.4
4-Chloroaniline-d4		0.460	0.415	0.441	0.449	0.433	0.440	3.8
4-Methylphenol		1.360	1.258	1.382	1.350	1.402	1.350	4.1
Dimethylphthalate-d6	1.409	1.687	1.464	1.585	1.586		1.546	7.1
Acenaphthylene-d8	1.436	1.749	1.523	1.708	1.768		1.637	9.1
4-Nitrophenol-d4		0.258	0.241	0.263	0.282	0.277	0.264	6.1
Fluorene-d10	1.276	1.524	1.272	1.360	1.406		1.368	7.6
4,6-Dinitro-2-methylphenol-		0.115	0.106	0.125	0.132	0.143	0.124	11.6
Anthracene-d10	0.898	1.013	0.866	0.944	0.947		0.934	6.0
Pyrene-d10	0.898	1.075	0.957	1.117	1.134		1.036	10.0
Benzo(a)pyrene-d12	0.924	1.100	0.995	1.109	1.132		1.052	8.4
N-Nitroso-di-n-propylamine	0.957	1.233	1.083	1.203	1.112		1.118	9.8

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.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020617 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 15:13

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	113034	7.71	431703	10.47	346436	14.32
	UPPER LIMIT	226068	8.21	863406	10.969	692872	14.822
	LOWER LIMIT	56517	7.21	215851.5	9.969	173218	13.822
	EPA SAMPLE NO.						
01	SICV616	111297	7.68	441517	10.43	339567	14.30
02	SBLK502	121295	7.66	445367	10.43	348417	14.30
03	SLCS502	79230	7.71	303523	10.46	252185	14.32
04	SBLK502	129393	7.71	471345	10.48	364452	14.32
05	SBLK472	89331	7.71	308328	10.48	227259	14.32
06	C0B17	76439	7.71	288020	10.47	238464	14.32
07	C0B16	88047	7.71	327617	10.47	238646	14.32
08	C0B36	90463	7.71	352241	10.47	290194	14.32
09	C0B37	88176	7.71	338392	10.47	262013	14.32
10	C0B47	100128	7.71	365281	10.46	267767	14.32
11	C0B53	82927	7.71	312256	10.47	263163	14.32
12	C0B15	108855	7.71	404091	10.47	313494	14.32
13	C0B28	105956	7.71	395535	10.47	311327	14.31
14	C0B18	86959	7.71	319090	10.47	244593	14.32
15	C0B19	90332	7.71	332862	10.47	254654	14.32
16	SLCS472	104806	7.71	405730	10.47	326429	14.32
17	SBLK539	119837	7.71	466231	10.47	376847	14.32
18	SBLK586	96101	7.72	347962	10.48	269157	14.32
19	C0B34	86952	7.71	326128	10.47	255318	14.32
20	C0AX5	112001	7.71	419324	10.47	316666	14.32
21	C0AX1	94625	7.71	356920	10.47	276576	14.32
22	C0B54	95313	7.71	364701	10.47	277101	14.32
23	C0SX5	96716	7.71	334087	10.46	241926	14.32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020617 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 08:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	113034	7.71	431703	10.47	346436	14.32
UPPER LIMIT	226068	8.21	863406	10.969	692872	14.822
LOWER LIMIT	56517	7.21	215851.5	9.969	173218	13.822
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020767 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BP021999.D Time Analyzed: 18:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	122113	7.71	475308	10.47	376558	14.32
UPPER LIMIT	244226	8.21	950616	10.969	753116	14.816
LOWER LIMIT	61056.5	7.21	237654	9.969	188279	13.816
EPA SAMPLE NO.						
01 SBLK502	129393	7.71	471345	10.48	364452	14.32
02 SBLK472	89331	7.71	308328	10.48	227259	14.32
03 C0B17	76439	7.71	288020	10.47	238464	14.32
04 C0B16	88047	7.71	327617	10.47	238646	14.32
05 C0B36	90463	7.71	352241	10.47	290194	14.32
06 C0B37	88176	7.71	338392	10.47	262013	14.32
07 C0B47	100128	7.71	365281	10.46	267767	14.32
08 C0B53	82927	7.71	312256	10.47	263163	14.32
09 C0B15	108855	7.71	404091	10.47	313494	14.32
10 C0B28	105956	7.71	395535	10.47	311327	14.31
11 C0B18	86959	7.71	319090	10.47	244593	14.32
12 C0B19	90332	7.71	332862	10.47	254654	14.32
13 SLCS472	104806	7.71	405730	10.47	326429	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.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020768 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BP022013.D Time Analyzed: 04:32

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	129225	7.71	515291	10.47	402883	14.32
UPPER LIMIT	258450	8.21	1030582	10.969	805766	14.816
LOWER LIMIT	64612.5	7.21	257645.5	9.969	201441.5	13.816
EPA SAMPLE NO.						
01 SBLK539	119837	7.71	466231	10.47	376847	14.32
02 SBLK586	96101	7.72	347962	10.48	269157	14.32
03 C0B34	86952	7.71	326128	10.47	255318	14.32
04 C0AX5	112001	7.71	419324	10.47	316666	14.32
05 C0AX1	94625	7.71	356920	10.47	276576	14.32
06 C0B54	95313	7.71	364701	10.47	277101	14.32
07 C0SX5	96716	7.71	334087	10.46	241926	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.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020617 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 15:13

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	883419	17.116	1.066e+00	21.539	1.22417e+00	24.821
	UPPER LIMIT	1766838	17.616	2132000	22.039	2448340	25.321
	LOWER LIMIT	441709.5	16.616	533000	21.039	612085	24.321
	EPA SAMPLE NO.						
01	SICV616	798808	17.11	873187	21.55	983625	24.84
02	SBLK502	844290	17.10	951049	21.55	1.05639e+	24.84
03	SLCS502	653789	17.12	839979	21.55	998065	24.84
04	SBLK502	909981	17.11	1.07836e+	21.54	1.24878e+	24.82
05	SBLK472	560475	17.12	700859	21.54	846192	24.81
06	C0B17	621814	17.12	815415	21.54	958499	24.82
07	C0B16	569675	17.11	694144	21.53	834667	24.82
08	C0B36	710462	17.11	861860	21.54	992362	24.82
09	C0B37	638578	17.12	792281	21.54	944667	24.82
10	C0B47	647373	17.12	739313	21.55	897466	24.82
11	C0B53	658306	17.11	835690	21.54	934223	24.83
12	C0B15	761439	17.11	870058	21.54	990867	24.82
13	C0B28	759751	17.11	910396	21.55	1.06213e+	24.83
14	C0B18	605811	17.12	779947	21.54	963260	24.82
15	C0B19	624925	17.11	787742	21.54	927906	24.82
16	SLCS472	824932	17.12	1.00321e+	21.53	1.17738e+	24.81
17	SBLK539	905203	17.12	1.01932e+	21.53	1.12525e+	24.82
18	SBLK586	662278	17.11	776120	21.55	896105	24.83
19	C0B34	713590	17.12	944145	21.55	1.12614e+	24.82
20	C0AX5	787108	17.11	929954	21.54	1.09691e+	24.82
21	C0AX1	679962	17.12	793165	21.55	915434	24.84

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020617 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BP021992.D Time Analyzed: 07:55

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	883419	17.116	1.066e+00	21.539	1.22417e+00	24.821
UPPER LIMIT	1766838	17.616	2132000	22.039	2448340	25.321
LOWER LIMIT	441709.5	16.616	533000	21.039	612085	24.321
EPA SAMPLE NO.						
22 C0B54	668653	17.11	794996	21.55	913490	24.82
23 C0SX5	582543	17.12	757872	21.55	866349	24.83

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.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020767 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BP021999.D Time Analyzed: 18:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	921035	17.116	1.07121e+	21.539	1.2694e+00	24.821
UPPER LIMIT	1842070	17.616	2142420	22.039	2538800	25.321
LOWER LIMIT	460517.5	16.616	535605	21.039	634700	24.321
EPA SAMPLE NO.						
01 SBLK502	909981	17.11	1.07836e+	21.54	1.24878e+	24.82
02 SBLK472	560475	17.12	700859	21.54	846192	24.81
03 C0B17	621814	17.12	815415	21.54	958499	24.82
04 C0B16	569675	17.11	694144	21.53	834667	24.82
05 C0B36	710462	17.11	861860	21.54	992362	24.82
06 C0B37	638578	17.12	792281	21.54	944667	24.82
07 C0B47	647373	17.12	739313	21.55	897466	24.82
08 C0B53	658306	17.11	835690	21.54	934223	24.83
09 C0B15	761439	17.11	870058	21.54	990867	24.82
10 C0B28	759751	17.11	910396	21.55	1.06213e+	24.83
11 C0B18	605811	17.12	779947	21.54	963260	24.82
12 C0B19	624925	17.11	787742	21.54	927906	24.82
13 SLCS472	824932	17.12	1.00321e+	21.53	1.17738e+	24.81

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.: BP092424 SAS No.: BP092424 SDG NO.: BP092424

EPA Sample No.: SSTD020768 Date Analyzed: Sep 25 2024 12:00AM

Lab File ID: BP022013.D Time Analyzed: 04:32

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.00688e+01	17.116	1.14929e+	21.533	1.31115e+01	24.821
UPPER LIMIT	2013760	17.616	2298580	22.033	2622300	25.321
LOWER LIMIT	503440	16.616	574645	21.033	655575	24.321
EPA SAMPLE NO.						
01 SBLK539	905203	17.12	1.01932e+	21.53	1.12525e+	24.82
02 SBLK586	662278	17.11	776120	21.55	896105	24.83
03 C0B34	713590	17.12	944145	21.55	1.12614e+	24.82
04 C0AX5	787108	17.11	929954	21.54	1.09691e+	24.82
05 C0AX1	679962	17.12	793165	21.55	915434	24.84
06 C0B54	668653	17.11	794996	21.55	913490	24.82
07 C0SX5	582543	17.12	757872	21.55	866349	24.83

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.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0		
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0		
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0		
	Hexachlorobenzene	20	0	ug/L	0				0	0		
	Atrazine	20	0	ug/L	0				0	0		
	Pentachlorophenol	20	0	ug/L	0				0	0		
	Phenanthrene	20	0	ug/L	0				0	0		
	Pentachlorobenzene	20	0	ug/L	0				0	0		
	Anthracene	20	0	ug/L	0				0	0		
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	Carbazole	20	0	ug/L	0				0	0		
	Di-n-butylphthalate	20	0	ug/L	0				0	0		
	Fluoranthene	20	0	ug/L	0				0	0		
	Pyrene	20	0	ug/L	0				0	0		
	Butylbenzylphthalate	20	0	ug/L	0				0	0		
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0		
	Benzo(a)anthracene	20	0	ug/L	0				0	0		
	Chrysene	20	0	ug/L	0				0	0		
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0		
	Di-n-octylphthalate	20	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(a)pyrene	20	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0		
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB163472BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	21	ug/L	52				0	0	
	Pyridine	40	25	ug/L	63				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	31	ug/L	78				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	31	ug/L	78				0	0	
	4-Chloroaniline	40	26	ug/L	65				0	0	
	Hexachlorobutadiene	40	30	ug/L	75				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	33	ug/L	83				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	39	ug/L	98				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163472BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40		ug/L	0				0	0	
	Pentachlorophenol	40	22	ug/L	55				0	0	
	Phenanthrene	40	33	ug/L	83				0	0	
	Pentachlorobenzene	40	29	ug/L	73				0	0	
	Anthracene	40	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	Carbazole	40	33	ug/L	83				0	0	
	Di-n-butylphthalate	40	35	ug/L	88				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	32	ug/L	80				0	0	
	Butylbenzylphthalate	40	35	ug/L	88				0	0	
	3,3'-Dichlorobenzidine	40	35	ug/L	88				0	0	
	Benzo(a)anthracene	40	34	ug/L	85				0	0	
	Chrysene	40	34	ug/L	85				0	0	
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0	
	Di-n-octylphthalate	40	36	ug/L	90				0	0	
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(a)pyrene	40	30	ug/L	75				0	0	
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0	
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0	
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163502BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	22	ug/L	55				0	0	
	Pyridine	40	28	ug/L	70				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	34	ug/L	85				0	0	
	N-Nitroso-di-n-propylamine	40	35	ug/L	88				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	36	ug/L	90				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	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	28	ug/L	70				0	0	
	Hexachlorobutadiene	40	34	ug/L	85				0	0	
	Caprolactam	40	29	ug/L	73				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	29	ug/L	73				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	32	ug/L	80				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	34	ug/L	85				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	37	ug/L	93				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	35	ug/L	88				0	0	
	4-Nitrophenol	40	37	ug/L	93				0	0	
	Dibenzofuran	40	36	ug/L	90				0	0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0	
	Diethylphthalate	40	38	ug/L	95				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163502BS	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0	
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0	
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	37	ug/L	93				0	0	
	Atrazine	40		ug/L	0				0	0	
	Pentachlorophenol	40	24	ug/L	60				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	35	ug/L	88				0	0	
	1,2,3,4-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	Carbazole	40	36	ug/L	90				0	0	
	Di-n-butylphthalate	40	39	ug/L	98				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	36	ug/L	90				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	36	ug/L	90				0	0	
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				0	0	
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0	
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(a)pyrene	40	34	ug/L	85				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0	
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0	
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK472

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092424

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP022001.D

Lab Sample ID: PB163472BL

Instrument ID: BNA_P

Date Extracted: 09/17/2024

Matrix: (soil/water) Water

Date Analyzed: 09/24/2024

Level: (low/med) LOW

Time Analyzed: 19:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B17	P4092-03	BP022002.D	09/24/2024
C0B16	P4092-02	BP022003.D	09/24/2024
C0B15	P4092-01	BP022008.D	09/24/2024
C0B18	P4092-04	BP022010.D	09/25/2024
C0B19	P4092-05	BP022011.D	09/25/2024
PB163472BS	PB163472BS	BP022012.D	09/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK502

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092424

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP021997.D

Lab Sample ID: PB163502BL

Instrument ID: BNA_P

Date Extracted: 09/18/2024

Matrix: (soil/water) Water

Date Analyzed: 09/24/2024

Level: (low/med) LOW

Time Analyzed: 16:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163502BS	PB163502BS	BP021998.D	09/24/2024
C0B28	P4092-08	BP022009.D	09/25/2024
C0B36	P4092-09	BP022004.D	09/24/2024
C0B37	P4092-10	BP022005.D	09/24/2024
C0B47	P4092-11	BP022006.D	09/24/2024
C0B53	P4092-12	BP022007.D	09/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK539

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092424

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP022014.D

Lab Sample ID: PB163539BL

Instrument ID: BNA_P

Date Extracted: 09/19/2024

Matrix: (soil/water) Water

Date Analyzed: 09/25/2024

Level: (low/med) LOW

Time Analyzed: 04:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AX5	P4080-06	BP022017.D	09/25/2024
C0AX1	P4080-07	BP022018.D	09/25/2024
C0B54	P4092-13	BP022019.D	09/25/2024
C0SX5	P4106-01	BP022020.D	09/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK586

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP092424

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP022015.D

Lab Sample ID: PB163586BL

Instrument ID: BNA_P

Date Extracted: 09/20/2024

Matrix: (soil/water) Water

Date Analyzed: 09/25/2024

Level: (low/med) LOW

Time Analyzed: 05:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B34	P4107-12	BP022016.D	09/25/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-01	C0B15	BP022008.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	7.05	18	*	20	120
			Phenol-d5	40	8.24	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.13	83		25	120
			2-Chlorophenol-d4	40	30.00	75		20	130
			4-Methylphenol-d8	40	19.56	49		25	125
			Nitrobenzene-d5	40	34.93	87		20	125
			2-Nitrophenol-d4	40	36.05	90		20	130
			2,4-Dichlorophenol-d3	40	32.92	82		20	120
			4-Chloroaniline-d4	40	25.71	64		1	146
			Dimethylphthalate-d6	40	35.08	88		25	130
			Acenaphthylene-d8	40	33.79	84		10	130
			4-Nitrophenol-d4	40	6.56	16		10	150
			Fluorene-d10	40	33.95	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.47	74		10	130
			Anthracene-d10	40	35.17	88		25	130
			Pyrene-d10	40	37.47	94		15	130
			Benzo(a)pyrene-d12	40	36.68	92		20	130
P4092-02	C0B16	BP022003.D	1,4-Dioxane-d8	8	6.89	86		15	120
			Pyridine-d5	40	8.68	22		20	120
			Phenol-d5	40	9.01	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.41	81		25	120
			2-Chlorophenol-d4	40	29.97	75		20	130
			4-Methylphenol-d8	40	20.32	51		25	125
			Nitrobenzene-d5	40	34.21	86		20	125
			2-Nitrophenol-d4	40	34.48	86		20	130
			2,4-Dichlorophenol-d3	40	33.00	82		20	120
			4-Chloroaniline-d4	40	19.37	48		1	146
			Dimethylphthalate-d6	40	38.71	97		25	130
			Acenaphthylene-d8	40	36.85	92		10	130
			4-Nitrophenol-d4	40	7.70	19		10	150
			Fluorene-d10	40	38.02	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.73	84		10	130
			Anthracene-d10	40	39.13	98		25	130
			Pyrene-d10	40	40.13	100		15	130
			Benzo(a)pyrene-d12	40	41.14	103		20	130
P4092-03	C0B17	BP022002.D	Pyridine-d5	40	7.21	18	*	20	120
			1,4-Dioxane-d8	8	7.96	99		15	120
			Phenol-d5	40	8.56	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.98	77		25	120
			2-Chlorophenol-d4	40	29.98	75		20	130
			4-Methylphenol-d8	40	21.41	54		25	125
			Nitrobenzene-d5	40	33.33	83		20	125
			2-Nitrophenol-d4	40	35.40	89		20	130
			2,4-Dichlorophenol-d3	40	35.68	89		20	120
			4-Chloroaniline-d4	40	9.51	24		1	146
			Dimethylphthalate-d6	40	39.11	98		25	130
			Acenaphthylene-d8	40	36.81	92		10	130
			4-Nitrophenol-d4	40	8.07	20		10	150

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-03	C0B17	BP022002.D	Fluorene-d10	40	39.61	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.83	87		10	130
			Anthracene-d10	40	38.30	96		25	130
			Pyrene-d10	40	39.33	98		15	130
			Benzo(a)pyrene-d12	40	39.97	100		20	130
P4092-04	C0B18	BP022010.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	12.27	31		20	120
			Phenol-d5	40	8.69	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.83	87		25	120
			2-Chlorophenol-d4	40	32.01	80		20	130
			4-Methylphenol-d8	40	20.59	51		25	125
			Nitrobenzene-d5	40	36.13	90		20	125
			2-Nitrophenol-d4	40	37.86	95		20	130
			2,4-Dichlorophenol-d3	40	35.26	88		20	120
			4-Chloroaniline-d4	40	32.46	81		1	146
			Dimethylphthalate-d6	40	39.33	98		25	130
			Acenaphthylene-d8	40	37.08	93		10	130
			4-Nitrophenol-d4	40	7.82	20		10	150
			Fluorene-d10	40	38.27	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.97	85		10	130
			Anthracene-d10	40	39.56	99		25	130
			Pyrene-d10	40	38.76	97		15	130
			Benzo(a)pyrene-d12	40	40.09	100		20	130
			1,4-Dioxane-d8	8	4.96	62		15	120
			Pyridine-d5	40	9.48	24		20	120
			Phenol-d5	40	9.24	23		10	130
P4092-05	C0B19	BP022011.D	Bis(2-Chloroethyl)ether-d8	40	32.91	82		25	120
			2-Chlorophenol-d4	40	30.76	77		20	130
			4-Methylphenol-d8	40	20.59	51		25	125
			Nitrobenzene-d5	40	36.24	91		20	125
			2-Nitrophenol-d4	40	36.83	92		20	130
			2,4-Dichlorophenol-d3	40	36.51	91		20	120
			4-Chloroaniline-d4	40	27.62	69		1	146
			Dimethylphthalate-d6	40	39.37	98		25	130
			Acenaphthylene-d8	40	37.34	93		10	130
			4-Nitrophenol-d4	40	7.98	20		10	150
			Fluorene-d10	40	38.77	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.20	86		10	130
			Anthracene-d10	40	40.39	101		25	130
			Pyrene-d10	40	38.92	97		15	130
			Benzo(a)pyrene-d12	40	40.65	102		20	130
			Pyridine-d5	40	23.83	60		20	120
			1,4-Dioxane-d8	8	5.00	63		15	120
			Phenol-d5	40	23.44	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.44	61		25	120
			2-Chlorophenol-d4	40	25.09	63		20	130
PB163472BL	PB163472BL	BP022001.D	4-Methylphenol-d8	40	22.94	57		25	125
			Nitrobenzene-d5	40	26.77	67		20	125
			2-Nitrophenol-d4	40	26.51	66		20	130

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163472BL	PB163472BL	BP022001.D	2,4-Dichlorophenol-d3	40	24.51	61		20	120
			4-Chloroaniline-d4	40	25.31	63		1	146
			Dimethylphthalate-d6	40	29.07	73		25	130
			Acenaphthylene-d8	40	27.08	68		10	130
			4-Nitrophenol-d4	40	24.06	60		10	150
			Fluorene-d10	40	27.37	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.00	60		10	130
			Anthracene-d10	40	28.76	72		25	130
			Pyrene-d10	40	27.20	68		15	130
			Benzo(a)pyrene-d12	40	26.71	67		20	130
			1,4-Dioxane-d8	8	4.92	62		15	120
			Pyridine-d5	40	24.86	62		20	120
			Phenol-d5	40	28.11	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.95	70		25	120
PB163472BS	PB163472BS	BP022012.D	2-Chlorophenol-d4	40	29.44	74		20	130
			4-Methylphenol-d8	40	28.39	71		25	125
			Nitrobenzene-d5	40	29.53	74		20	125
			2-Nitrophenol-d4	40	31.65	79		20	130
			2,4-Dichlorophenol-d3	40	30.45	76		20	120
			4-Chloroaniline-d4	40	27.81	70		1	146
			Dimethylphthalate-d6	40	30.94	77		25	130
			Acenaphthylene-d8	40	30.55	76		10	130
			4-Nitrophenol-d4	40	29.92	75		10	150
			Fluorene-d10	40	30.61	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.52	74		10	130
			Anthracene-d10	40	30.24	76		25	130
			Pyrene-d10	40	30.16	75		15	130
			Benzo(a)pyrene-d12	40	30.18	75		20	130

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-08	C0B28	BP022009.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	6.43	16	*	20	120
			Phenol-d5	40	7.35	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.48	69		25	120
			2-Chlorophenol-d4	40	25.39	63		20	130
			4-Methylphenol-d8	40	17.17	43		25	125
			Nitrobenzene-d5	40	29.33	73		20	125
			2-Nitrophenol-d4	40	29.56	74		20	130
			2,4-Dichlorophenol-d3	40	27.09	68		20	120
			4-Chloroaniline-d4	40	23.32	58		1	146
			Dimethylphthalate-d6	40	30.11	75		25	130
			Acenaphthylene-d8	40	28.25	71		10	130
			4-Nitrophenol-d4	40	6.28	16		10	150
			Fluorene-d10	40	29.45	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.02	63		10	130
			Anthracene-d10	40	31.24	78		25	130
			Pyrene-d10	40	31.11	78		15	130
			Benzo(a)pyrene-d12	40	31.30	78		20	130
P4092-09	C0B36	BP022004.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Pyridine-d5	40	9.14	23		20	120
			Phenol-d5	40	9.87	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.78	84		25	120
			2-Chlorophenol-d4	40	32.26	81		20	130
			4-Methylphenol-d8	40	21.73	54		25	125
			Nitrobenzene-d5	40	35.84	90		20	125
			2-Nitrophenol-d4	40	36.25	91		20	130
			2,4-Dichlorophenol-d3	40	34.75	87		20	120
			4-Chloroaniline-d4	40	24.07	60		1	146
			Dimethylphthalate-d6	40	36.02	90		25	130
			Acenaphthylene-d8	40	34.21	86		10	130
			4-Nitrophenol-d4	40	9.41	24		10	150
			Fluorene-d10	40	36.00	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.52	84		10	130
			Anthracene-d10	40	38.45	96		25	130
			Pyrene-d10	40	39.44	99		15	130
			Benzo(a)pyrene-d12	40	39.79	99		20	130
P4092-10	C0B37	BP022005.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	11.09	28		20	120
			Phenol-d5	40	9.23	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.20	88		25	120
			2-Chlorophenol-d4	40	32.36	81		20	130
			4-Methylphenol-d8	40	21.63	54		25	125
			Nitrobenzene-d5	40	36.10	90		20	125
			2-Nitrophenol-d4	40	38.30	96		20	130
			2,4-Dichlorophenol-d3	40	34.86	87		20	120
			4-Chloroaniline-d4	40	29.59	74		1	146
			Dimethylphthalate-d6	40	38.67	97		25	130
			Acenaphthylene-d8	40	37.14	93		10	130
			4-Nitrophenol-d4	40	7.76	19		10	150

Surrogate Summary

SW-846

SDG No.: **BP092424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-10	C0B37	BP022005.D	Fluorene-d10	40	37.86	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.59	84		10	130
			Anthracene-d10	40	38.56	96		25	130
			Pyrene-d10	40	38.71	97		15	130
			Benzo(a)pyrene-d12	40	39.97	100		20	130
P4092-11	C0B47	BP022006.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	10.14	25		20	120
			Phenol-d5	40	10.37	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.58	84		25	120
			2-Chlorophenol-d4	40	31.76	79		20	130
			4-Methylphenol-d8	40	22.74	57		25	125
			Nitrobenzene-d5	40	34.39	86		20	125
			2-Nitrophenol-d4	40	35.97	90		20	130
			2,4-Dichlorophenol-d3	40	34.98	87		20	120
			4-Chloroaniline-d4	40	29.02	73		1	146
			Dimethylphthalate-d6	40	38.18	95		25	130
			Acenaphthylene-d8	40	35.27	88		10	130
			4-Nitrophenol-d4	40	8.48	21		10	150
			Fluorene-d10	40	36.30	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.35	81		10	130
			Anthracene-d10	40	39.11	98		25	130
			Pyrene-d10	40	40.41	101		15	130
			Benzo(a)pyrene-d12	40	39.19	98		20	130
P4092-12	C0B53	BP022007.D	1,4-Dioxane-d8	8	5.74	72		15	120
			Pyridine-d5	40	9.52	24		20	120
			Phenol-d5	40	10.48	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.22	91		25	120
			2-Chlorophenol-d4	40	35.68	89		20	130
			4-Methylphenol-d8	40	23.04	58		25	125
			Nitrobenzene-d5	40	40.46	101		20	125
			2-Nitrophenol-d4	40	42.21	106		20	130
			2,4-Dichlorophenol-d3	40	40.44	101		20	120
			4-Chloroaniline-d4	40	22.79	57		1	146
			Dimethylphthalate-d6	40	41.25	103		25	130
			Acenaphthylene-d8	40	39.42	99		10	130
			4-Nitrophenol-d4	40	10.95	27		10	150
			Fluorene-d10	40	41.10	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.37	91		10	130
			Anthracene-d10	40	43.41	109		25	130
			Pyrene-d10	40	43.38	108		15	130
			Benzo(a)pyrene-d12	40	44.27	111		20	130
PB163502BL	PB163502BL	BP022000.D	Pyridine-d5	40	22.99	57		20	120
		BP021997.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	23.70	59		20	120
		BP022000.D	1,4-Dioxane-d8	8	4.44	56		15	120
		BP021997.D	Phenol-d5	40	23.58	59		10	130
		BP022000.D	Phenol-d5	40	23.57	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.98	60		25	120
		BP021997.D	Bis(2-Chloroethyl)ether-d8	40	24.67	62		25	120

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163502BL	PB163502BL	BP021997.D	2-Chlorophenol-d4	40	24.89	62		20	130
		BP022000.D	2-Chlorophenol-d4	40	24.64	62		20	130
		BP021997.D	4-Methylphenol-d8	40	23.38	58		25	125
		BP022000.D	4-Methylphenol-d8	40	23.09	58		25	125
			Nitrobenzene-d5	40	25.78	64		20	125
		BP021997.D	Nitrobenzene-d5	40	26.60	66		20	125
			2-Nitrophenol-d4	40	25.79	64		20	130
		BP022000.D	2-Nitrophenol-d4	40	25.93	65		20	130
			2,4-Dichlorophenol-d3	40	23.57	59		20	120
		BP021997.D	2,4-Dichlorophenol-d3	40	23.84	60		20	120
			4-Chloroaniline-d4	40	24.87	62		1	146
		BP022000.D	4-Chloroaniline-d4	40	25.11	63		1	146
			Dimethylphthalate-d6	40	28.22	71		25	130
		BP021997.D	Dimethylphthalate-d6	40	27.93	70		25	130
			Acenaphthylene-d8	40	25.88	65		10	130
		BP022000.D	Acenaphthylene-d8	40	25.82	65		10	130
			4-Nitrophenol-d4	40	23.36	58		10	150
		BP021997.D	4-Nitrophenol-d4	40	21.84	55		10	150
			Fluorene-d10	40	26.09	65		25	125
		BP022000.D	Fluorene-d10	40	26.05	65		25	125
		BP021997.D	4,6-Dinitro-2-methylphenol-d2	40	22.28	56		10	130
		BP022000.D	4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
		BP021997.D	Anthracene-d10	40	27.10	68		25	130
		BP022000.D	Anthracene-d10	40	27.47	69		25	130
			Pyrene-d10	40	26.80	67		15	130
		BP021997.D	Pyrene-d10	40	27.95	70		15	130
			Benzo(a)pyrene-d12	40	26.72	67		20	130
		BP022000.D	Benzo(a)pyrene-d12	40	26.14	65		20	130
PB163502BS	PB163502BS	BP021998.D	Pyridine-d5	40	28.44	71		20	120
			1,4-Dioxane-d8	8	5.90	74		15	120
			Phenol-d5	40	29.66	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.40	74		25	120
			2-Chlorophenol-d4	40	31.32	78		20	130
			4-Methylphenol-d8	40	30.33	76		25	125
			Nitrobenzene-d5	40	32.55	81		20	125
			2-Nitrophenol-d4	40	33.36	83		20	130
			2,4-Dichlorophenol-d3	40	32.58	81		20	120
			4-Chloroaniline-d4	40	30.07	75		1	146
			Dimethylphthalate-d6	40	32.94	82		25	130
			Acenaphthylene-d8	40	32.49	81		10	130
			4-Nitrophenol-d4	40	32.00	80		10	150
			Fluorene-d10	40	33.74	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.26	81		10	130
			Anthracene-d10	40	32.79	82		25	130
			Pyrene-d10	40	31.29	78		15	130
			Benzo(a)pyrene-d12	40	33.00	82		20	130

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4080-06	C0AX5	BP022017.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	11.73	29		20	120
			Phenol-d5	40	10.08	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.03	88		25	120
			2-Chlorophenol-d4	40	33.88	85		20	130
			4-Methylphenol-d8	40	23.56	59		25	125
			Nitrobenzene-d5	40	37.90	95		20	125
			2-Nitrophenol-d4	40	39.18	98		20	130
			2,4-Dichlorophenol-d3	40	37.12	93		20	120
			4-Chloroaniline-d4	40	31.85	80		1	146
			Dimethylphthalate-d6	40	39.96	100		25	130
			Acenaphthylene-d8	40	37.40	94		10	130
			4-Nitrophenol-d4	40	9.05	23		10	150
			Fluorene-d10	40	38.59	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.13	88		10	130
			Anthracene-d10	40	42.05	105		25	130
			Pyrene-d10	40	42.15	105		15	130
			Benzo(a)pyrene-d12	40	42.99	107		20	130
P4080-07	C0AX1	BP022018.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Pyridine-d5	40	5.32	13	*	20	120
			Phenol-d5	40	9.29	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.73	84		25	120
			2-Chlorophenol-d4	40	32.12	80		20	130
			4-Methylphenol-d8	40	22.20	56		25	125
			Nitrobenzene-d5	40	36.32	91		20	125
			2-Nitrophenol-d4	40	37.80	94		20	130
			2,4-Dichlorophenol-d3	40	35.48	89		20	120
			4-Chloroaniline-d4	40	24.73	62		1	146
			Dimethylphthalate-d6	40	40.03	100		25	130
			Acenaphthylene-d8	40	36.58	91		10	130
			4-Nitrophenol-d4	40	8.21	21		10	150
			Fluorene-d10	40	37.87	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.96	77		10	130
			Anthracene-d10	40	39.65	99		25	130
			Pyrene-d10	40	39.70	99		15	130
			Benzo(a)pyrene-d12	40	39.57	99		20	130
P4092-13	C0B54	BP022019.D	1,4-Dioxane-d8	8	5.51	69		15	120
			Pyridine-d5	40	11.16	28		20	120
			Phenol-d5	40	12.20	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.26	91		25	120
			2-Chlorophenol-d4	40	36.31	91		20	130
			4-Methylphenol-d8	40	27.85	70		25	125
			Nitrobenzene-d5	40	37.60	94		20	125
			2-Nitrophenol-d4	40	39.05	98		20	130
			2,4-Dichlorophenol-d3	40	39.95	100		20	120
			4-Chloroaniline-d4	40	31.01	78		1	146
			Dimethylphthalate-d6	40	41.17	103		25	130
			Acenaphthylene-d8	40	39.45	99		10	130
			4-Nitrophenol-d4	40	10.09	25		10	150

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-13	C0B54	BP022019.D	Fluorene-d10	40	40.61	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.40	81		10	130
			Anthracene-d10	40	42.49	106		25	130
			Pyrene-d10	40	42.38	106		15	130
			Benzo(a)pyrene-d12	40	43.32	108		20	130
P4106-01	C0SX5	BP022020.D	1,4-Dioxane-d8	8	6.72	84		15	120
			Pyridine-d5	40	13.96	35		20	120
			Phenol-d5	40	7.75	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.75	74		25	120
			2-Chlorophenol-d4	40	17.39	43		20	130
			4-Methylphenol-d8	40	19.63	49		25	125
			Nitrobenzene-d5	40	32.97	82		20	125
			2-Nitrophenol-d4	40	18.91	47		20	130
			2,4-Dichlorophenol-d3	40	17.93	45		20	120
			4-Chloroaniline-d4	40	11.31	28		1	146
			Dimethylphthalate-d6	40	33.26	83		25	130
			Acenaphthylene-d8	40	31.92	80		10	130
			4-Nitrophenol-d4	40	3.49	9	*	10	150
			Fluorene-d10	40	31.65	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	6.30	16		10	130
			Anthracene-d10	40	33.67	84		25	130
			Pyrene-d10	40	31.78	79		15	130
			Benzo(a)pyrene-d12	40	33.43	84		20	130
PB163539BL	PB163539BL	BP022014.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	26.59	66		20	120
			Phenol-d5	40	27.37	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.35	71		25	120
			2-Chlorophenol-d4	40	28.58	71		20	130
			4-Methylphenol-d8	40	27.40	68		25	125
			Nitrobenzene-d5	40	28.82	72		20	125
			2-Nitrophenol-d4	40	30.36	76		20	130
			2,4-Dichlorophenol-d3	40	27.39	68		20	120
			4-Chloroaniline-d4	40	28.44	71		1	146
			Dimethylphthalate-d6	40	30.29	76		25	130
			Acenaphthylene-d8	40	29.03	73		10	130
			4-Nitrophenol-d4	40	25.19	63		10	150
			Fluorene-d10	40	28.65	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.83	60		10	130
			Anthracene-d10	40	30.75	77		25	130
			Pyrene-d10	40	31.27	78		15	130
			Benzo(a)pyrene-d12	40	30.22	76		20	130

Surrogate Summary

SW-846

SDG No.: BP092424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4107-12	C0B34	BP022016.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	9.02	23		20	120
			Phenol-d5	40	11.07	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.36	83		25	120
			2-Chlorophenol-d4	40	34.42	86		20	130
			4-Methylphenol-d8	40	25.15	63		25	125
			Nitrobenzene-d5	40	37.30	93		20	125
			2-Nitrophenol-d4	40	39.19	98		20	130
			2,4-Dichlorophenol-d3	40	41.15	103		20	120
			4-Chloroaniline-d4	40	24.86	62		1	146
			Dimethylphthalate-d6	40	40.63	102		25	130
			Acenaphthylene-d8	40	39.13	98		10	130
			4-Nitrophenol-d4	40	9.69	24		10	150
			Fluorene-d10	40	41.47	104		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.19	85		10	130
			Anthracene-d10	40	39.82	100		25	130
			Pyrene-d10	40	39.22	98		15	130
			Benzo(a)pyrene-d12	40	40.60	101		20	130
PB163586BL	PB163586BL	BP022015.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	28.42	71		20	120
			Phenol-d5	40	29.28	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.41	76		25	120
			2-Chlorophenol-d4	40	30.90	77		20	130
			4-Methylphenol-d8	40	29.00	73		25	125
			Nitrobenzene-d5	40	32.43	81		20	125
			2-Nitrophenol-d4	40	33.34	83		20	130
			2,4-Dichlorophenol-d3	40	30.67	77		20	120
			4-Chloroaniline-d4	40	30.90	77		1	146
			Dimethylphthalate-d6	40	32.45	81		25	130
			Acenaphthylene-d8	40	31.12	78		10	130
			4-Nitrophenol-d4	40	27.24	68		10	150
			Fluorene-d10	40	31.94	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.75	64		10	130
			Anthracene-d10	40	32.92	82		25	130
			Pyrene-d10	40	32.77	82		15	130
			Benzo(a)pyrene-d12	40	32.08	80		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP092424

Lab Code: CHEM

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP021989.D

DFTPP Injection Date: 09/24/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	38.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	32.7
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.2 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD005615	SSTD00537	BP021990.D	09/24/2024	10:53
SSTD010616	SSTD01038	BP021991.D	09/24/2024	11:34
SSTD020617	SSTD02039	BP021992.D	09/24/2024	12:15
SSTD040618	SSTD04040	BP021993.D	09/24/2024	12:56
SSTD080619	SSTD08041	BP021994.D	09/24/2024	13:37
SSTD160620	SSTD16042	BP021995.D	09/24/2024	14:18
SICV616	SSTDICV020	BP021996.D	09/24/2024	15:13
SBLK502	PB163502BL	BP021997.D	09/24/2024	16:18
SLCS502	PB163502BS	BP021998.D	09/24/2024	16:58
SSTD020767	SSTDCCC020	BP021999.D	09/24/2024	17:39
SBLK502	PB163502BL	BP022000.D	09/24/2024	18:20
SBLK472	PB163472BL	BP022001.D	09/24/2024	19:01
C0B17	P4092-03	BP022002.D	09/24/2024	19:42
C0B16	P4092-02	BP022003.D	09/24/2024	20:23
C0B36	P4092-09	BP022004.D	09/24/2024	21:04
C0B37	P4092-10	BP022005.D	09/24/2024	21:45
C0B47	P4092-11	BP022006.D	09/24/2024	22:26
C0B53	P4092-12	BP022007.D	09/24/2024	23:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP092424

Lab Code: CHEM

SAS No.: BP092424 SDG NO.: BP092424

Lab File ID: BP021989.D

DFTPP Injection Date: 09/24/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	38.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	32.7
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.2 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0B15	P4092-01	BP022008.D	09/24/2024	23:47
C0B28	P4092-08	BP022009.D	09/25/2024	00:28
C0B18	P4092-04	BP022010.D	09/25/2024	01:08
C0B19	P4092-05	BP022011.D	09/25/2024	01:49
SLCS472	PB163472BS	BP022012.D	09/25/2024	02:29
SSTD020768	SSTDCCC020	BP022013.D	09/25/2024	03:51
SBLK539	PB163539BL	BP022014.D	09/25/2024	04:32
SBLK586	PB163586BL	BP022015.D	09/25/2024	05:13
C0B34	P4107-12	BP022016.D	09/25/2024	05:53
C0AX5	P4080-06	BP022017.D	09/25/2024	06:34
C0AX1	P4080-07	BP022018.D	09/25/2024	07:15
C0B54	P4092-13	BP022019.D	09/25/2024	07:55
C0SX5	P4106-01	BP022020.D	09/25/2024	08:36