

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 1:12:05

Lab File ID: BP021206.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020711 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.496	0.010	2.6843	40.0
Benzaldehyde	0.822	0.900	0.010	9.4826	40.0
Pyridine	1.312	1.215	0.010	-7.4558	40.0
Phenol	1.650	1.478	0.080	-10.4172	20.0
Bis(2-Chloroethyl)ether	1.363	1.236	0.100	-9.3387	20.0
2-Chlorophenol	1.346	1.242	0.200	-7.7429	20.0
2-Methylphenol	1.276	1.138	0.010	-10.7773	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.834	0.010	-6.8673	40.0
Acetophenone	2.090	1.875	0.060	-10.3084	20.0
4-Methylphenol	1.367	1.214	0.010	-11.2029	20.0
N-Nitroso-di-n-propylamine	1.095	0.936	0.050	-14.5371	30.0
Hexachloroethane	0.605	0.564	0.100	-6.7456	20.0
Nitrobenzene	0.372	0.366	0.050	-1.5328	25.0
Isophorone	0.740	0.659	0.050	-10.8801	25.0
2-Nitrophenol	0.185	0.175	0.050	-5.7412	25.0
2,4-Dimethylphenol	0.366	0.349	0.050	-4.5154	25.0
Bis(2-Chloroethoxy)methane	0.450	0.416	0.050	-7.54	20.0
2,4-Dichlorophenol	0.317	0.300	0.060	-5.447	20.0
Naphthalene	1.052	1.028	0.200	-2.2853	20.0
4-Chloroaniline	0.407	0.393	0.010	-3.493	40.0
Hexachlorobutadiene	0.238	0.234	0.040	-1.4485	30.0
Caprolactam	0.098	0.091	0.010	-6.7817	40.0
4-Chloro-3-methylphenol	0.344	0.322	0.040	-6.5099	25.0
1-Methylnaphthalene	0.743	0.709	0.100	-4.558	20.0
2-Methylnaphthalene	0.722	0.676	0.100	-6.4427	20.0
Hexachlorocyclopentadiene	0.340	0.318	0.010	-6.5287	40.0
2,4,6-Trichlorophenol	0.410	0.378	0.090	-7.8144	25.0
2,4,5-Trichlorophenol	0.434	0.379	0.100	-12.7387	25.0
1,1-Biphenyl	1.462	1.413	0.200	-3.3189	20.0
2-Chloronaphthalene	1.167	1.144	0.300	-1.9551	20.0
2-Nitroaniline	0.323	0.312	0.050	-3.4055	40.0
Dimethylphthalate	1.475	1.400	0.300	-5.1078	20.0
2,6-Dinitrotoluene	0.295	0.280	0.080	-5.1023	30.0
Acenaphthylene	1.848	1.800	0.400	-2.6116	20.0
3-Nitroaniline	0.257	0.258	0.010	0.4701	40.0
Acenaphthene	1.227	1.209	0.200	-1.4685	20.0
2,4-Dinitrophenol	0.155	0.166	0.010	6.8878	40.0
4-Nitrophenol	0.168	0.162	0.010	-3.8189	40.0
Dibenzofuran	1.680	1.666	0.300	-0.8439	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 12:05

Lab File ID: BP021206.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020711 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.417	0.070	2.9186	30.0
Diethylphthalate	1.474	1.443	0.300	-2.1275	20.0
Fluorene	1.371	1.358	0.200	-0.9188	20.0
4-Chlorophenyl-phenylether	0.744	0.733	0.100	-1.4408	20.0
4-Nitroaniline	0.213	0.258	0.010	21.4169	40.0
4,6-Dinitro-2-methylphenol	0.128	0.112	0.010	-12.6262	40.0
N-Nitrosodiphenylamine	0.582	0.534	0.050	-8.385	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.638	0.100	-1.7441	20.0
4-Bromophenyl-phenylether	0.234	0.216	0.070	-7.8504	20.0
Hexachlorobenzene	0.269	0.253	0.050	-5.7307	25.0
Atrazine	0.212	0.210	0.010	-1.1676	25.0
Pentachlorophenol	0.146	0.157	0.010	7.5145	40.0
Phenanthrene	1.038	1.021	0.200	-1.6181	20.0
Pentachlorobenzene	0.318	0.293	0.050	-7.8153	20.0
Anthracene	1.058	1.042	0.200	-1.4998	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.292	0.050	-8.7767	20.0
Carbazole	0.865	0.920	0.050	6.3747	40.0
Di-n-butylphthalate	1.193	1.183	0.500	-0.8601	25.0
Fluoranthene	1.493	1.207	0.400	-19.1852	25.0
Pyrene	1.520	1.266	0.400	-16.6981	25.0
Butylbenzylphthalate	0.633	0.538	0.100	-15.0736	40.0
3,3-Dichlorobenzidine	0.457	0.469	0.010	2.5378	40.0
Benzo (a) anthracene	1.401	1.323	0.300	-5.5969	30.0
Chrysene	1.302	1.262	0.200	-3.0887	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.805	0.200	-11.6151	40.0
Di-n-octyl phthalate	1.321	1.219	0.010	-7.7566	40.0
Benzo (b) fluoranthene	1.214	1.183	0.200	-2.5501	25.0
Benzo (k) fluoranthene	1.211	1.186	0.200	-2.125	25.0
Benzo (a) pyrene	1.147	1.105	0.200	-3.6226	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.415	0.200	-4.2716	25.0
Dibenzo (a,h) anthracene	1.224	1.172	0.200	-4.2369	30.0
Benzo (g,h,i) perylene	1.204	1.148	0.200	-4.6239	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.347	0.040	-6.733	20.0
1,4-Dioxane-d8	0.440	0.451	0.010	2.684	25.0
Pyridine-d5	1.272	1.190	0.010	-6.4888	40.0
Phenol-d5	1.631	1.467	0.010	-10.015	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.921	0.050	-6.7566	25.0
2-Chlorophenol-d4	1.343	1.245	0.200	-7.31	20.0
4-Methylphenol-d8	1.354	1.167	0.010	-13.8534	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 12:05

Lab File ID: BP021206.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020711 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.148	0.050	-4.9535	20.0
2-Nitrophenol-d4	0.178	0.166	0.050	-6.4732	30.0
2,4-Dichlorophenol-d3	0.322	0.304	0.060	-5.5668	20.0
4-Chloroaniline-d4	0.426	0.411	0.010	-3.4836	40.0
Dimethylphthalate-d6	1.454	1.409	0.300	-3.1111	20.0
Acenaphthylene-d8	1.633	1.611	0.400	-1.3336	20.0
4-Nitrophenol-d4	0.207	0.233	0.010	12.7226	40.0
Fluorene-d10	1.193	1.190	0.100	-0.2066	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-9.8238	40.0
Anthracene-d10	0.888	0.894	0.300	0.6496	20.0
Pyrene-d10	1.236	1.034	0.300	-16.3676	25.0
Benzo(a)pyrene-d12	0.986	0.963	0.010	-2.3248	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 1:19:18

Lab File ID: BP021215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020712 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.481	0.010	-0.439	40.0
Benzaldehyde	0.822	0.933	0.010	13.5444	40.0
Pyridine	1.312	1.221	0.010	-6.9463	40.0
Phenol	1.650	1.517	0.080	-8.0543	20.0
Bis(2-Chloroethyl)ether	1.363	1.248	0.100	-8.4619	20.0
2-Chlorophenol	1.346	1.258	0.200	-6.546	20.0
2-Methylphenol	1.276	1.170	0.010	-8.2734	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.861	0.010	-5.5075	40.0
Acetophenone	2.090	1.887	0.060	-9.7003	20.0
4-Methylphenol	1.367	1.233	0.010	-9.8373	20.0
N-Nitroso-di-n-propylamine	1.095	0.954	0.050	-12.9277	30.0
Hexachloroethane	0.605	0.568	0.100	-6.1816	20.0
Nitrobenzene	0.372	0.364	0.050	-2.2441	25.0
Isophorone	0.740	0.672	0.050	-9.1782	25.0
2-Nitrophenol	0.185	0.180	0.050	-2.7361	25.0
2,4-Dimethylphenol	0.366	0.353	0.050	-3.5665	25.0
Bis(2-Chloroethoxy)methane	0.450	0.418	0.050	-7.0346	20.0
2,4-Dichlorophenol	0.317	0.307	0.060	-3.018	20.0
Naphthalene	1.052	1.028	0.200	-2.2646	20.0
4-Chloroaniline	0.407	0.394	0.010	-3.2144	40.0
Hexachlorobutadiene	0.238	0.227	0.040	-4.5428	30.0
Caprolactam	0.098	0.092	0.010	-6.069	40.0
4-Chloro-3-methylphenol	0.344	0.327	0.040	-5.1897	25.0
1-Methylnaphthalene	0.743	0.700	0.100	-5.7549	20.0
2-Methylnaphthalene	0.722	0.683	0.100	-5.3757	20.0
Hexachlorocyclopentadiene	0.340	0.327	0.010	-3.8064	40.0
2,4,6-Trichlorophenol	0.410	0.375	0.090	-8.6886	25.0
2,4,5-Trichlorophenol	0.434	0.396	0.100	-8.7524	25.0
1,1-Biphenyl	1.462	1.387	0.200	-5.1127	20.0
2-Chloronaphthalene	1.167	1.115	0.300	-4.4079	20.0
2-Nitroaniline	0.323	0.317	0.050	-1.8635	40.0
Dimethylphthalate	1.475	1.439	0.300	-2.4489	20.0
2,6-Dinitrotoluene	0.295	0.278	0.080	-5.7043	30.0
Acenaphthylene	1.848	1.774	0.400	-4.0364	20.0
3-Nitroaniline	0.257	0.264	0.010	3.0372	40.0
Acenaphthene	1.227	1.187	0.200	-3.2413	20.0
2,4-Dinitrophenol	0.155	0.173	0.010	11.4953	40.0
4-Nitrophenol	0.168	0.169	0.010	0.5849	40.0
Dibenzofuran	1.680	1.647	0.300	-1.9598	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 1:19:18

Lab File ID: BP021215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020712 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.422	0.070	4.1544	30.0
Diethylphthalate	1.474	1.454	0.300	-1.4053	20.0
Fluorene	1.371	1.335	0.200	-2.6426	20.0
4-Chlorophenyl-phenylether	0.744	0.712	0.100	-4.3158	20.0
4-Nitroaniline	0.213	0.254	0.010	19.4681	40.0
4,6-Dinitro-2-methylphenol	0.128	0.113	0.010	-12.0635	40.0
N-Nitrosodiphenylamine	0.582	0.537	0.050	-7.8189	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.626	0.100	-3.5497	20.0
4-Bromophenyl-phenylether	0.234	0.212	0.070	-9.7531	20.0
Hexachlorobenzene	0.269	0.255	0.050	-5.1344	25.0
Atrazine	0.212	0.211	0.010	-0.54	25.0
Pentachlorophenol	0.146	0.156	0.010	6.5339	40.0
Phenanthrene	1.038	1.003	0.200	-3.3569	20.0
Pentachlorobenzene	0.318	0.289	0.050	-9.0135	20.0
Anthracene	1.058	1.023	0.200	-3.2641	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.288	0.050	-10.1268	20.0
Carbazole	0.865	0.910	0.050	5.2306	40.0
Di-n-butylphthalate	1.193	1.158	0.500	-2.8918	25.0
Fluoranthene	1.493	1.274	0.400	-14.6824	25.0
Pyrene	1.520	1.329	0.400	-12.5396	25.0
Butylbenzylphthalate	0.633	0.549	0.100	-13.3051	40.0
3,3-Dichlorobenzidine	0.457	0.471	0.010	3.0054	40.0
Benzo (a) anthracene	1.401	1.344	0.300	-4.0951	30.0
Chrysene	1.302	1.272	0.200	-2.3254	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.787	0.200	-13.6353	40.0
Di-n-octyl phthalate	1.321	1.151	0.010	-12.8982	40.0
Benzo (b) fluoranthene	1.214	1.147	0.200	-5.4831	25.0
Benzo (k) fluoranthene	1.211	1.177	0.200	-2.8261	25.0
Benzo (a) pyrene	1.147	1.109	0.200	-3.2651	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.400	0.200	-5.2965	25.0
Dibenzo (a,h) anthracene	1.224	1.153	0.200	-5.7776	30.0
Benzo (g,h,i) perylene	1.204	1.135	0.200	-5.6617	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.347	0.040	-6.5951	20.0
1,4-Dioxane-d8	0.440	0.425	0.010	-3.3628	25.0
Pyridine-d5	1.272	1.150	0.010	-9.6236	40.0
Phenol-d5	1.631	1.483	0.010	-9.0487	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.911	0.050	-7.8294	25.0
2-Chlorophenol-d4	1.343	1.272	0.200	-5.292	20.0
4-Methylphenol-d8	1.354	1.184	0.010	-12.5577	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/29/2024 1:19:18

Lab File ID: BP021215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020712 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.152	0.050	-2.4554	20.0
2-Nitrophenol-d4	0.178	0.168	0.050	-5.6559	30.0
2,4-Dichlorophenol-d3	0.322	0.307	0.060	-4.4087	20.0
4-Chloroaniline-d4	0.426	0.408	0.010	-4.3227	40.0
Dimethylphthalate-d6	1.454	1.400	0.300	-3.6808	20.0
Acenaphthylene-d8	1.633	1.591	0.400	-2.544	20.0
4-Nitrophenol-d4	0.207	0.247	0.010	19.5746	40.0
Fluorene-d10	1.193	1.177	0.100	-1.3504	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.111	0.010	-8.6219	40.0
Anthracene-d10	0.888	0.873	0.300	-1.7089	20.0
Pyrene-d10	1.236	1.075	0.300	-13.027	25.0
Benzo(a)pyrene-d12	0.986	0.963	0.010	-2.3866	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.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/30/2024 1:06:54

Lab File ID: BP021230.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020713 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.421	0.010	-12.9308	50.0
Benzaldehyde	0.822	0.837	0.010	1.8404	50.0
Pyridine	1.312	1.114	0.010	-15.1022	50.0
Phenol	1.650	1.340	0.080	-18.7589	50.0
Bis(2-Chloroethyl)ether	1.363	1.132	0.100	-16.9675	50.0
2-Chlorophenol	1.346	1.238	0.200	-8.0658	50.0
2-Methylphenol	1.276	1.055	0.010	-17.3023	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.432	0.010	-27.2558	50.0
Acetophenone	2.090	1.710	0.060	-18.2054	50.0
4-Methylphenol	1.367	1.096	0.010	-19.8411	50.0
N-Nitroso-di-n-propylamine	1.095	0.815	0.050	-25.5813	50.0
Hexachloroethane	0.605	0.532	0.100	-12.1248	50.0
Nitrobenzene	0.372	0.342	0.050	-8.1603	50.0
Isophorone	0.740	0.612	0.050	-17.3135	50.0
2-Nitrophenol	0.185	0.182	0.050	-1.6999	50.0
2,4-Dimethylphenol	0.366	0.342	0.050	-6.4381	50.0
Bis(2-Chloroethoxy)methane	0.450	0.390	0.050	-13.3518	50.0
2,4-Dichlorophenol	0.317	0.310	0.060	-2.3158	50.0
Naphthalene	1.052	1.014	0.200	-3.6417	50.0
4-Chloroaniline	0.407	0.384	0.010	-5.4701	50.0
Hexachlorobutadiene	0.238	0.256	0.040	7.7946	50.0
Caprolactam	0.098	0.084	0.010	-13.456	50.0
4-Chloro-3-methylphenol	0.344	0.305	0.040	-11.3852	50.0
1-Methylnaphthalene	0.743	0.700	0.100	-5.6871	50.0
2-Methylnaphthalene	0.722	0.667	0.100	-7.6092	50.0
Hexachlorocyclopentadiene	0.340	0.393	0.010	15.6621	50.0
2,4,6-Trichlorophenol	0.410	0.394	0.090	-3.9028	50.0
2,4,5-Trichlorophenol	0.434	0.421	0.100	-3.1392	50.0
1,1-Biphenyl	1.462	1.408	0.200	-3.6762	50.0
2-Chloronaphthalene	1.167	1.147	0.300	-1.6874	50.0
2-Nitroaniline	0.323	0.285	0.050	-11.5646	50.0
Dimethylphthalate	1.475	1.381	0.300	-6.3666	50.0
2,6-Dinitrotoluene	0.295	0.282	0.080	-4.4328	50.0
Acenaphthylene	1.848	1.752	0.400	-5.2044	50.0
3-Nitroaniline	0.257	0.264	0.010	2.7439	50.0
Acenaphthene	1.227	1.160	0.200	-5.4395	50.0
2,4-Dinitrophenol	0.155	0.202	0.010	30.6992	50.0
4-Nitrophenol	0.168	0.168	0.010	-0.224	50.0
Dibenzofuran	1.680	1.633	0.300	-2.7968	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924

Instrument ID: BNA_P Calibration Date/Time: 7/30/2024 1:06:54

Lab File ID: BP021230.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020713 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.412	0.070	1.8127	50.0
Diethylphthalate	1.474	1.373	0.300	-6.8929	50.0
Fluorene	1.371	1.337	0.200	-2.4792	50.0
4-Chlorophenyl-phenylether	0.744	0.756	0.100	1.6291	50.0
4-Nitroaniline	0.213	0.254	0.010	19.5461	50.0
4,6-Dinitro-2-methylphenol	0.128	0.122	0.010	-4.9733	50.0
N-Nitrosodiphenylamine	0.582	0.530	0.050	-8.9757	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.688	0.100	5.9067	50.0
4-Bromophenyl-phenylether	0.234	0.231	0.070	-1.3853	50.0
Hexachlorobenzene	0.269	0.279	0.050	3.9483	50.0
Atrazine	0.212	0.214	0.010	0.8835	50.0
Pentachlorophenol	0.146	0.183	0.010	25.3214	50.0
Phenanthrene	1.038	1.012	0.200	-2.4464	50.0
Pentachlorobenzene	0.318	0.319	0.050	0.2836	50.0
Anthracene	1.058	1.033	0.200	-2.352	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.314	0.050	-1.9737	50.0
Carbazole	0.865	0.895	0.050	3.461	50.0
Di-n-butylphthalate	1.193	1.154	0.500	-3.2929	50.0
Fluoranthene	1.493	1.105	0.400	-25.9798	50.0
Pyrene	1.520	1.176	0.400	-22.5993	50.0
Butylbenzylphthalate	0.633	0.487	0.100	-23.044	50.0
3,3-Dichlorobenzidine	0.457	0.475	0.010	3.9584	50.0
Benzo (a) anthracene	1.401	1.309	0.300	-6.5874	50.0
Chrysene	1.302	1.237	0.200	-4.9574	50.0
Bis (2-ethylhexyl) phthalate	0.911	0.723	0.200	-20.6053	50.0
Di-n-octyl phthalate	1.321	1.052	0.010	-20.4132	50.0
Benzo (b) fluoranthene	1.214	1.159	0.200	-4.4952	50.0
Benzo (k) fluoranthene	1.211	1.148	0.200	-5.221	50.0
Benzo (a) pyrene	1.147	1.099	0.200	-4.1439	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.428	0.200	-3.3754	50.0
Dibenzo (a,h) anthracene	1.224	1.188	0.200	-2.9459	50.0
Benzo (g,h,i) perylene	1.204	1.151	0.200	-4.4082	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.375	0.040	0.7398	50.0
1,4-Dioxane-d8	0.440	0.408	0.010	-7.0935	50.0
Pyridine-d5	1.272	1.088	0.010	-14.4908	50.0
Phenol-d5	1.631	1.372	0.010	-15.8371	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.781	0.050	-20.9319	50.0
2-Chlorophenol-d4	1.343	1.219	0.200	-9.2965	50.0
4-Methylphenol-d8	1.354	1.093	0.010	-19.3185	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG No.: BP072924
 Instrument ID: BNA_P Calibration Date/Time: 7/30/2024 1:06:54
 Lab File ID: BP021230.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020713 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.151	0.050	-2.4958	50.0
2-Nitrophenol-d4	0.178	0.174	0.050	-2.2286	50.0
2,4-Dichlorophenol-d3	0.322	0.318	0.060	-1.031	50.0
4-Chloroaniline-d4	0.426	0.404	0.010	-5.2143	50.0
Dimethylphthalate-d6	1.454	1.387	0.300	-4.596	50.0
Acenaphthylene-d8	1.633	1.567	0.400	-3.9991	50.0
4-Nitrophenol-d4	0.207	0.257	0.010	24.3224	50.0
Fluorene-d10	1.193	1.172	0.100	-1.7102	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.116	0.010	-3.8833	50.0
Anthracene-d10	0.888	0.884	0.300	-0.4485	50.0
Pyrene-d10	1.236	0.950	0.300	-23.1549	50.0
Benzo(a)pyrene-d12	0.986	0.979	0.010	-0.6996	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK296	SDG No.:	BP072924
Lab Sample ID:	PB162296BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021207.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

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:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK296	SDG No.:	BP072924
Lab Sample ID:	PB162296BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021207.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

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:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK296	SDG No.:	BP072924
Lab Sample ID:	PB162296BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021207.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

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	5.602		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.262		20-120		61	SPK: -40
4165-62-2	Phenol-d5	23.74		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.915		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.406		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.163		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.924		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.227		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.513		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.069		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.548		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.376		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.932		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.361		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK296	SDG No.:	BP072924
Lab Sample ID:	PB162296BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021207.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.354		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.307		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	23.586		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.196		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178042	7.646				
1146-65-2	Naphthalene-d8	675744	10.399				
15067-26-2	Acenaphthene-d10	419867	14.275				
1517-22-2	Phenanthrene-d10	886004	17.092				
1719-03-5	Chrysene-d12	946053	21.551				
1520-96-3	Perylene-d12	1121959	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS296	SDG No.:	BP072924
Lab Sample ID:	PB162296BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021208.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	28		1.1	5	10	ug/L
110-86-1	Pyridine	26		1.7	10	10	ug/L
108-95-2	Phenol	29		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	28		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.5	2.5	5	ug/L
105-60-2	Caprolactam	31		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	26		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS296	SDG No.:	BP072924
Lab Sample ID:	PB162296BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021208.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	29		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	42		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	3.6	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	19		1.9	5	10	ug/L
85-01-8	Phenanthrene	31		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS296	SDG No.:	BP072924
Lab Sample ID:	PB162296BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021208.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.1	2.5	5	ug/L
218-01-9	Chrysene	31		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.396		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	26.855		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.068		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.702		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.614		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.104		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.093		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.571		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.284		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.436		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.686		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.441		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.839		10-150		100	SPK: -40
81103-79-9	Fluorene-d10	30.504		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS296	SDG No.:	BP072924
Lab Sample ID:	PB162296BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021208.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.167		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	29.862		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	28.985		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.583		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224354	7.64				
1146-65-2	Naphthalene-d8	891382	10.393				
15067-26-2	Acenaphthene-d10	580120	14.275				
1517-22-2	Phenanthrene-d10	1222175	17.092				
1719-03-5	Chrysene-d12	1073106	21.545				
1520-96-3	Perylene-d12	1174662	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5DL2	SDG No.:	BP072924
Lab Sample ID:	P3347-03DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021209.D	100	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	50	200	ug/L
110-86-1	Pyridine	170	U	170	1000	1000	ug/L
100-52-7	Benzaldehyde	110	U	110	500	1000	ug/L
108-95-2	Phenol	160	U	160	500	1000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	140	U	140	500	1000	ug/L
95-57-8	2-Chlorophenol	91	U	91	250	500	ug/L
95-48-7	2-Methylphenol	150	U	150	500	1000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	500	1000	ug/L
98-86-2	Acetophenone	150	U	150	500	1000	ug/L
106-44-5	4-Methylphenol	170	U	170	500	1000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	190	U	190	250	500	ug/L
67-72-1	Hexachloroethane	110	U	110	250	500	ug/L
98-95-3	Nitrobenzene	140	U	140	250	500	ug/L
78-59-1	Isophorone	170	U	170	250	500	ug/L
88-75-5	2-Nitrophenol	120	U	120	250	500	ug/L
105-67-9	2,4-Dimethylphenol	69	U	69	250	500	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	150	U	150	250	500	ug/L
120-83-2	2,4-Dichlorophenol	110	U	110	250	500	ug/L
91-20-3	Naphthalene	4000	D	94	250	500	ug/L
106-47-8	4-Chloroaniline	94	U	94	250	1000	ug/L
87-68-3	Hexachlorobutadiene	150	U	150	250	500	ug/L
105-60-2	Caprolactam	260	U	260	500	1000	ug/L
59-50-7	4-Chloro-3-methylphenol	160	U	160	250	500	ug/L
90-12-0	1-Methylnaphthalene	380	JD	91	250	500	ug/L
91-57-6	2-Methylnaphthalene	550	D	110	250	500	ug/L
77-47-4	Hexachlorocyclopentadiene	310	U	310	500	1000	ug/L
88-06-2	2,4,6-Trichlorophenol	200	U	200	250	500	ug/L
95-95-4	2,4,5-Trichlorophenol	160	U	160	250	500	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5DL2	SDG No.:	BP072924
Lab Sample ID:	P3347-03DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021209.D	100	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	250	500	ug/L
91-58-7	2-Chloronaphthalene	110	U	110	250	500	ug/L
88-74-4	2-Nitroaniline	180	U	180	250	500	ug/L
131-11-3	Dimethylphthalate	110	U	110	250	500	ug/L
606-20-2	2,6-Dinitrotoluene	170	U	170	250	500	ug/L
208-96-8	Acenaphthylene	120	U	120	250	500	ug/L
99-09-2	3-Nitroaniline	160	U	160	500	1000	ug/L
83-32-9	Acenaphthene	340	JD	96	250	500	ug/L
51-28-5	2,4-Dinitrophenol	180	U	180	500	1000	ug/L
100-02-7	4-Nitrophenol	140	U	140	500	1000	ug/L
132-64-9	Dibenzofuran	110	JD	110	250	500	ug/L
121-14-2	2,4-Dinitrotoluene	150	U	150	250	500	ug/L
84-66-2	Diethylphthalate	130	U	130	250	500	ug/L
86-73-7	Fluorene	94	U	94	250	500	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	250	500	ug/L
100-01-6	4-Nitroaniline	83	U	83	500	1000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	500	1000	ug/L
86-30-6	N-Nitrosodiphenylamine	130	U	130	250	500	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	250	500	ug/L
101-55-3	4-Bromophenyl-phenylether	95	U	95	250	500	ug/L
118-74-1	Hexachlorobenzene	120	U	120	250	500	ug/L
1912-24-9	Atrazine	180	U	180	500	1000	ug/L
87-86-5	Pentachlorophenol	190	U	190	500	1000	ug/L
85-01-8	Phenanthrene	120	U	120	250	500	ug/L
608-93-5	Pentachlorobenzene	170	U	170	250	500	ug/L
120-12-7	Anthracene	110	U	110	250	500	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	170	U	170	250	500	ug/L
86-74-8	Carbazole	150	JD	110	500	1000	ug/L
84-74-2	Di-n-butylphthalate	190	U	190	250	500	ug/L
206-44-0	Fluoranthene	190	U	190	500	500	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5DL2	SDG No.:	BP072924
Lab Sample ID:	P3347-03DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021209.D	100	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	U	180	250	500	ug/L
85-68-7	Butylbenzylphthalate	270	U	270	250	500	ug/L
91-94-1	3,3-Dichlorobenzidine	140	U	140	500	1000	ug/L
56-55-3	Benzo(a)anthracene	110	U	110	250	500	ug/L
218-01-9	Chrysene	110	U	110	250	500	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	250	500	ug/L
117-84-0	Di-n-octyl phthalate	240	U	240	500	1000	ug/L
205-99-2	Benzo(b)fluoranthene	140	U	140	250	500	ug/L
207-08-9	Benzo(k)fluoranthene	140	U	140	250	500	ug/L
50-32-8	Benzo(a)pyrene	110	U	110	250	500	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	250	500	ug/L
53-70-3	Dibenzo(a,h)anthracene	130	U	130	250	500	ug/L
191-24-2	Benzo(g,h,i)perylene	120	U	120	250	500	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	250	500	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	2.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.2		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.4		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	22.2		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	32.9		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.5		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.7		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	45		25-130		113	SPK: -40
93951-97-4	Acenaphthylene-d8	39.8		10-130		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	48.3		25-125		121	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5DL2	SDG No.:	BP072924
Lab Sample ID:	P3347-03DL2	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021209.D	100	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	53.1	*	25-130		133	SPK: -40
1718-52-1	Pyrene-d10	43.8		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.6		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201700	7.64				
1146-65-2	Naphthalene-d8	817430	10.399				
15067-26-2	Acenaphthene-d10	523613	14.275				
1517-22-2	Phenanthrene-d10	1120478	17.092				
1719-03-5	Chrysene-d12	1125651	21.545				
1520-96-3	Perylene-d12	1334715	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000673-32-5	Benzene, 1-propynyl-	410	JD			8.163	
000095-15-8	Benzo[b]thiophene	350	JD			10.575	
E966796	Total Alkanes	110	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GE8	SDG No.:	BP072924
Lab Sample ID:	P3300-12	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
BP021210.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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	J	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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GE8	SDG No.:	BP072924
Lab Sample ID:	P3300-12	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
BP021210.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GE8	SDG No.:	BP072924
Lab Sample ID:	P3300-12	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
BP021210.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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	4.424		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	9.925		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.404		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.197		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.608		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	19.049		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	33.717		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.657		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.707		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.209		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.128		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.992		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.855		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	35.973		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GE8	SDG No.:	BP072924
Lab Sample ID:	P3300-12	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
BP021210.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.139		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	35.807		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	32.916		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.47		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225831	7.64				
1146-65-2	Naphthalene-d8	890999	10.392				
15067-26-2	Acenaphthene-d10	580099	14.269				
1517-22-2	Phenanthrene-d10	1272126	17.086				
1719-03-5	Chrysene-d12	1216919	21.533				
1520-96-3	Perylene-d12	1382224	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.4	J			7.71	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.3	J			17.774	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1GE9	SDG No.:	BP072924
Lab Sample ID:	P3300-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021211.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1GE9	SDG No.:	BP072924
Lab Sample ID:	P3300-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021211.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1GE9	SDG No.:	BP072924
Lab Sample ID:	P3300-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021211.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.762		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	8.988		20-120		22	SPK: -40
4165-62-2	Phenol-d5	6.393		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.081		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.956		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	14.905		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	26.544		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.28		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.846		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.459		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.211		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.706		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.237		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	29.942		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	E1GE9	SDG No.:	BP072924
Lab Sample ID:	P3300-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021211.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.185		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	31.694		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	28.186		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.336		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233129	7.64				
1146-65-2	Naphthalene-d8	895431	10.399				
15067-26-2	Acenaphthene-d10	559070	14.275				
1517-22-2	Phenanthrene-d10	1203754	17.098				
1719-03-5	Chrysene-d12	1263394	21.539				
1520-96-3	Perylene-d12	1531654	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.6	J			7.711	
000149-57-5	Hexanoic acid, 2-ethyl-	45	J			9.04	
000099-94-5	Benzoic acid, 4-methyl-	4.7	J			11.387	
000098-73-7	Benzoic acid, p-tert-butyl-	2.9	J			14.104	
	(DEL) Alkane: Straight-Chain14.157	2.2	J			14.157	
	(DEL) Alkane: Straight-Chain15.128	2.8	J			15.128	
	(DEL) Alkane: Straight-Chain16.022	3.9	J			16.022	
	(DEL) Alkane: Straight-Chain16.840	2.7	J			16.84	
	(DEL) Alkane: Straight-Chain17.598	2.5	J			17.598	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.1	J			17.781	
	(DEL) Alkane: Straight-Chain18.322	2.2	J			18.322	
	(DEL) Alkane: Straight-Chain18.980	2.6	J			18.98	
E966796	Total Alkanes	19				99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E83	SDG No.:	BP072924
Lab Sample ID:	P3301-01	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
BP021212.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E83	SDG No.:	BP072924
Lab Sample ID:	P3301-01	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
BP021212.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E83	SDG No.:	BP072924
Lab Sample ID:	P3301-01	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
BP021212.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.586		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	5.873	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.1		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.83		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.202		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	14.156		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	23.79		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.699		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.371		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.331		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.689		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.112		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.875		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	28.149		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E83	SDG No.:	BP072924
Lab Sample ID:	P3301-01	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
BP021212.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.575		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	30.793		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	27.523		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.907		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199297	7.634				
1146-65-2	Naphthalene-d8	809218	10.404				
15067-26-2	Acenaphthene-d10	517142	14.28				
1517-22-2	Phenanthrene-d10	1128336	17.092				
1719-03-5	Chrysene-d12	1153721	21.551				
1520-96-3	Perylene-d12	1376135	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.1	J			17.774	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS210	SDG No.:	BP072924
Lab Sample ID:	PB162210BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021213.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7		0.35	0.5	2	ug/L
110-86-1	Pyridine	24		1.7	10	10	ug/L
100-52-7	Benzaldehyde	25		1.1	5	10	ug/L
108-95-2	Phenol	25		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	25		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5	10	ug/L
98-86-2	Acetophenone	23		1.5	5	10	ug/L
106-44-5	4-Methylphenol	23		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	25		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	20		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	26		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	25		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	26		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	23		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	24		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS210	SDG No.:	BP072924
Lab Sample ID:	PB162210BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021213.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	26		1.3	2.5	5	ug/L
86-73-7	Fluorene	27		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.2	2.5	5	ug/L
1912-24-9	Atrazine	2.5	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	18		1.9	5	10	ug/L
85-01-8	Phenanthrene	28		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		1.7	2.5	5	ug/L
120-12-7	Anthracene	27		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	30		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	22		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS210	SDG No.:	BP072924
Lab Sample ID:	PB162210BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021213.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	25		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.1	2.5	5	ug/L
218-01-9	Chrysene	28		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	21		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.871		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	23.103		20-120		58	SPK: -40
4165-62-2	Phenol-d5	23.853		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.699		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.079		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.341		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.865		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.954		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.073		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.104		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.441		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.823		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.033		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	27.119		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS210	SDG No.:	BP072924
Lab Sample ID:	PB162210BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021213.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.673		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	26.9		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	23.416		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.948		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218666	7.634				
1146-65-2	Naphthalene-d8	804383	10.393				
15067-26-2	Acenaphthene-d10	492493	14.275				
1517-22-2	Phenanthrene-d10	999213	17.098				
1719-03-5	Chrysene-d12	1057483	21.551				
1520-96-3	Perylene-d12	1280755	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS189	SDG No.:	BP072924
Lab Sample ID:	PB162189BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021214.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	27		1.1	5	10	ug/L
110-86-1	Pyridine	26		1.7	10	10	ug/L
108-95-2	Phenol	28		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.9	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	27		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	32		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	25		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS189	SDG No.:	BP072924
Lab Sample ID:	PB162189BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021214.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	20		1.9	5	10	ug/L
85-01-8	Phenanthrene	29		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	29		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	25		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS189	SDG No.:	BP072924
Lab Sample ID:	PB162189BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021214.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		1.1	2.5	5	ug/L
218-01-9	Chrysene	30		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.25		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	25.967		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.224		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.744		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.954		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.733		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	28.66		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.925		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.721		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.892		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.518		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.682		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.244		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	30.094		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS189	SDG No.:	BP072924
Lab Sample ID:	PB162189BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021214.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.957		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	28.561		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	26.036		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.387		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220503	7.634				
1146-65-2	Naphthalene-d8	863964	10.393				
15067-26-2	Acenaphthene-d10	561324	14.275				
1517-22-2	Phenanthrene-d10	1217338	17.092				
1719-03-5	Chrysene-d12	1220581	21.545				
1520-96-3	Perylene-d12	1413134	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK210	SDG No.:	BP072924
Lab Sample ID:	PB162210BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021216.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK210	SDG No.:	BP072924
Lab Sample ID:	PB162210BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021216.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK210	SDG No.:	BP072924
Lab Sample ID:	PB162210BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021216.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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	5.283		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	23.608		20-120		59	SPK: -40
4165-62-2	Phenol-d5	23.561		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.644		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.103		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.204		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.521		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.063		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.05		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.467		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.498		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.562		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.465		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.76		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK210	SDG No.:	BP072924
Lab Sample ID:	PB162210BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021216.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.443		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.433		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	23.871		15-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.389		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200027	7.634				
1146-65-2	Naphthalene-d8	788186	10.404				
15067-26-2	Acenaphthene-d10	507647	14.281				
1517-22-2	Phenanthrene-d10	1088301	17.098				
1719-03-5	Chrysene-d12	1089245	21.545				
1520-96-3	Perylene-d12	1259363	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK189	SDG No.:	BP072924
Lab Sample ID:	PB162189BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021217.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK189	SDG No.:	BP072924
Lab Sample ID:	PB162189BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021217.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK189	SDG No.:	BP072924
Lab Sample ID:	PB162189BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021217.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

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	5.606		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.548		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.445		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.82		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.797		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.082		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.726		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.759		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.103		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.973		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.795		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.496		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.481		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	28.549		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK189	SDG No.:	BP072924
Lab Sample ID:	PB162189BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021217.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.612		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.657		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	25.228		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.073		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193401	7.634				
1146-65-2	Naphthalene-d8	767219	10.404				
15067-26-2	Acenaphthene-d10	487374	14.281				
1517-22-2	Phenanthrene-d10	1060886	17.104				
1719-03-5	Chrysene-d12	1014745	21.539				
1520-96-3	Perylene-d12	1240663	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BP072924
Lab Sample ID:	P3280-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021218.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BP072924
Lab Sample ID:	P3280-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021218.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BP072924
Lab Sample ID:	P3280-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021218.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.562		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	8.254		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.269		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.382		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.156		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	14.184		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	28.198		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.035		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.046		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.807		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.549		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.828		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.163		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	28.944		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BP072924
Lab Sample ID:	P3280-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021218.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.745		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	32.491		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	27.899		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.778		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203953	7.628				
1146-65-2	Naphthalene-d8	690725	10.405				
15067-26-2	Acenaphthene-d10	479404	14.275				
1517-22-2	Phenanthrene-d10	980203	17.087				
1719-03-5	Chrysene-d12	1040171	21.533				
1520-96-3	Perylene-d12	1258826	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
056651-60-6	1-(Isocyanatomethyl)-4-(methyloxy)	2.5	J			16.045	
000537-92-8	Acetamide, N-(3-methylphenyl)-	2.6	J			16.204	
	unknown-01	2.2	J			16.269	
1000364-47-1	2-Iodobenzyl alcohol, acetate	5.1	J			16.463	
000057-10-3	n-Hexadecanoic acid	2.2	J			18.016	
000053-19-0	Mitotane	3	J			20.251	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BP072924
Lab Sample ID:	P3280-12	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
BP021219.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BP072924
Lab Sample ID:	P3280-12	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
BP021219.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BP072924
Lab Sample ID:	P3280-12	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
BP021219.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.694		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	7.935		20-120		20	SPK: -40
4165-62-2	Phenol-d5	6.374		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.793		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.035		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	15.843		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	27.902		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.988		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.845		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.76		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.964		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.515		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.994		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	31.804		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BP072924
Lab Sample ID:	P3280-12	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
BP021219.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.605		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	34.517		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	30.825		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.031		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201631	7.64				
1146-65-2	Naphthalene-d8	801955	10.393				
15067-26-2	Acenaphthene-d10	515399	14.275				
1517-22-2	Phenanthrene-d10	1111918	17.092				
1719-03-5	Chrysene-d12	1114446	21.539				
1520-96-3	Perylene-d12	1343568	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BP072924
Lab Sample ID:	P3280-13	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
BP021220.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BP072924
Lab Sample ID:	P3280-13	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
BP021220.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BP072924
Lab Sample ID:	P3280-13	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
BP021220.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

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	7.38		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	16.105		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.493		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.368		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.805		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	31.269		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	34.484		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.972		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.163		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.617		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.743		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	35.343		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.668		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	37.135		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BP072924
Lab Sample ID:	P3280-13	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
BP021220.D	1	7/19/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.618		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	39.285		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	33.695		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.563		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130166	7.634				
1146-65-2	Naphthalene-d8	584025	10.399				
15067-26-2	Acenaphthene-d10	370750	14.263				
1517-22-2	Phenanthrene-d10	802932	17.087				
1719-03-5	Chrysene-d12	749026	21.539				
1520-96-3	Perylene-d12	982265	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.8	J			4.805	
	(DEL) Alkane: Straight-Chain10.346	2.4	J			10.346	
	unknown-02	33	J			14.493	
000057-10-3	n-Hexadecanoic acid	2.5	J			18.016	
E966796	Total Alkanes	2.4				99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7	SDG No.:	BP072924
Lab Sample ID:	P3280-08	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
BP021221.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7	SDG No.:	BP072924
Lab Sample ID:	P3280-08	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
BP021221.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7	SDG No.:	BP072924
Lab Sample ID:	P3280-08	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
BP021221.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

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	5.575		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	11.684		20-120		29	SPK: -40
4165-62-2	Phenol-d5	8.269		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.481		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.501		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	18.965		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.689		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.243		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.932		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.46		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.214		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	35.248		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.52		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	38.588		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7	SDG No.:	BP072924
Lab Sample ID:	P3280-08	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
BP021221.D	1	7/20/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.558		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	40.604		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	35.784		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.439		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165686	7.634				
1146-65-2	Naphthalene-d8	641348	10.393				
15067-26-2	Acenaphthene-d10	393847	14.269				
1517-22-2	Phenanthrene-d10	852008	17.092				
1719-03-5	Chrysene-d12	904574	21.545				
1520-96-3	Perylene-d12	1089974	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.6	J			18.01	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MS	SDG No.:	BP072924
Lab Sample ID:	P3280-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021222.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	30		1.1	5	10	ug/L
110-86-1	Pyridine	9.3	J	1.7	10	10	ug/L
108-95-2	Phenol	8.1	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	25		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	20		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.9	5	10	ug/L
98-86-2	Acetophenone	28		1.5	5	10	ug/L
106-44-5	4-Methylphenol	18		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	24		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	23		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	25		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	20		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	27		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	19		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	5.8	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	12		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	31		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MS	SDG No.:	BP072924
Lab Sample ID:	P3280-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021222.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	13		1.4	5	10	ug/L
132-64-9	Dibenzofuran	32		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	45		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.2	2.5	5	ug/L
1912-24-9	Atrazine	22		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		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	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	37		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MS	SDG No.:	BP072924
Lab Sample ID:	P3280-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021222.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	30		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.1	2.5	5	ug/L
218-01-9	Chrysene	33		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		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	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.302		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	8.779		20-120		22	SPK: -40
4165-62-2	Phenol-d5	7.46		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.005		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.609		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.451		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	29.111		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.363		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.571		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.277		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.104		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.167		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.32		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	33.411		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MS	SDG No.:	BP072924
Lab Sample ID:	P3280-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021222.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.164		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	33.531		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	30.137		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.697		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193968	7.634				
1146-65-2	Naphthalene-d8	786754	10.399				
15067-26-2	Acenaphthene-d10	506363	14.269				
1517-22-2	Phenanthrene-d10	1091545	17.081				
1719-03-5	Chrysene-d12	1071353	21.533				
1520-96-3	Perylene-d12	1229378	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MSD	SDG No.:	BP072924
Lab Sample ID:	P3280-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021223.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	28		1.1	5	10	ug/L
110-86-1	Pyridine	8.8	J	1.7	10	10	ug/L
108-95-2	Phenol	7.7	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	23		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	18		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	16		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	23		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	6.3	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	12		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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MSD	SDG No.:	BP072924
Lab Sample ID:	P3280-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021223.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	12		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	42		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	23		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	31		1.9	5	10	ug/L
85-01-8	Phenanthrene	31		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MSD	SDG No.:	BP072924
Lab Sample ID:	P3280-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021223.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.066		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	7.999		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.113		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.268		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.841		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	15.504		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	29.87		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.949		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.401		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.57		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.414		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.596		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.136		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	31.462		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH7MSD	SDG No.:	BP072924
Lab Sample ID:	P3280-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021223.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.251		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	31.97		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	27.462		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.748		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236580	7.64				
1146-65-2	Naphthalene-d8	807517	10.393				
15067-26-2	Acenaphthene-d10	598630	14.263				
1517-22-2	Phenanthrene-d10	1086261	17.081				
1719-03-5	Chrysene-d12	1235095	21.527				
1520-96-3	Perylene-d12	1483674	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BP072924
Lab Sample ID:	P3280-11	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
BP021224.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BP072924
Lab Sample ID:	P3280-11	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
BP021224.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

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:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BP072924
Lab Sample ID:	P3280-11	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
BP021224.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

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	4.643		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	6.191	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.386		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.018		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.467		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	16.665		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	27.773		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.408		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.326		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.727		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.252		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.802		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.971		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	30.433		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BP072924
Lab Sample ID:	P3280-11	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
BP021224.D	1	7/20/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.652		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	31.667		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	28.266		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.093		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203748	7.64				
1146-65-2	Naphthalene-d8	809276	10.393				
15067-26-2	Acenaphthene-d10	516267	14.269				
1517-22-2	Phenanthrene-d10	988602	17.092				
1719-03-5	Chrysene-d12	1144846	21.527				
1520-96-3	Perylene-d12	1341358	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G92	SDG No.:	BP072924
Lab Sample ID:	P3300-10	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
BP021225.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G92	SDG No.:	BP072924
Lab Sample ID:	P3300-10	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
BP021225.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G92	SDG No.:	BP072924
Lab Sample ID:	P3300-10	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
BP021225.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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	4.384		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	6.637	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.208		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.886		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.048		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	16.043		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	25.25		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.047		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.126		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.23		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.532		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.005		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.424		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	27.447		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G92	SDG No.:	BP072924
Lab Sample ID:	P3300-10	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
BP021225.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.194		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	32.193		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	26.7		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.467		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186984	7.634				
1146-65-2	Naphthalene-d8	709843	10.393				
15067-26-2	Acenaphthene-d10	443131	14.269				
1517-22-2	Phenanthrene-d10	946157	17.087				
1719-03-5	Chrysene-d12	1022253	21.533				
1520-96-3	Perylene-d12	1224145	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.1	J			11.175	
	unknown-01	15	J			14.469	
	unknown-02	19	J			14.487	
000112-39-0	Hexadecanoic acid, methyl ester	2.5	J			17.775	
000057-10-3	n-Hexadecanoic acid	7.9	J			18.01	
002566-97-4	9,12-Octadecadienoic acid, methyl	4.6	J			18.969	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	4.9	J			19.004	
000057-11-4	Octadecanoic acid	3.4	J			19.357	
	(DEL) Alkane: Straight-Chain21.186	3.4	J			21.186	
E966796	Total Alkanes	3.4				99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G65	SDG No.:	BP072924
Lab Sample ID:	P3300-11	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
BP021226.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G65	SDG No.:	BP072924
Lab Sample ID:	P3300-11	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
BP021226.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G65	SDG No.:	BP072924
Lab Sample ID:	P3300-11	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
BP021226.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

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	4.391		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	3.148	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	6.461		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.403		25-120		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.093		20-130		45	SPK: -40
190780-66-6	4-Methylphenol-d8	13.782		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	16.513		20-125		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.319		20-130		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.129		20-120		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.256		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.985		25-130		47	SPK: -40
93951-97-4	Acenaphthylene-d8	17.949		10-130		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.503		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	20.521		25-125		51	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G65	SDG No.:	BP072924
Lab Sample ID:	P3300-11	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
BP021226.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.971		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.21		25-130		53	SPK: -40
1718-52-1	Pyrene-d10	18.888		15-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.329		20-130		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195529	7.64				
1146-65-2	Naphthalene-d8	772517	10.393				
15067-26-2	Acenaphthene-d10	502485	14.269				
1517-22-2	Phenanthrene-d10	1066256	17.081				
1719-03-5	Chrysene-d12	1076749	21.533				
1520-96-3	Perylene-d12	1331491	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	5	J			7.699	
018829-56-6	2-Nonenal, (E)-	2.2	J			9.828	
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			11.175	
	unknown-01	63	J			14.493	
	(DEL) Alkane: Straight-Chain16.034	2.2	J			16.034	
000057-10-3	n-Hexadecanoic acid	11	J			18.016	
000057-11-4	Octadecanoic acid	5.1	J			19.351	
000106-14-9	12-Hydroxystearic acid	13	J			20.492	
	(DEL) Alkane: Straight-Chain21.180	6.3	J			21.18	
E966796	Total Alkanes	8.5				99	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS215	SDG No.:	BP072924
Lab Sample ID:	PB162215BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021227.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.2		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	24		1.1	5	10	ug/L
110-86-1	Pyridine	23		1.7	10	10	ug/L
108-95-2	Phenol	25		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	26		1.4	2.5	5	ug/L
78-59-1	Isophorone	25		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	27		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		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	28		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	26		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS215	SDG No.:	BP072924
Lab Sample ID:	PB162215BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021227.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.3	2.5	5	ug/L
86-73-7	Fluorene	29		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	42		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		1.2	2.5	5	ug/L
1912-24-9	Atrazine	3.8	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	21		1.9	5	10	ug/L
85-01-8	Phenanthrene	28		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	27		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	24		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS215	SDG No.:	BP072924
Lab Sample ID:	PB162215BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021227.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	24		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.1	2.5	5	ug/L
218-01-9	Chrysene	28		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	25		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	25		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		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	5.673		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	23.9		20-120		60	SPK: -40
4165-62-2	Phenol-d5	25.053		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.075		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.707		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.892		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.13		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.095		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.05		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.306		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.392		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.547		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.004		10-150		100	SPK: -40
81103-79-9	Fluorene-d10	29.917		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS215	SDG No.:	BP072924
Lab Sample ID:	PB162215BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021227.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.656		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	28.374		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	24.388		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.592		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183414	7.634				
1146-65-2	Naphthalene-d8	706860	10.393				
15067-26-2	Acenaphthene-d10	466316	14.275				
1517-22-2	Phenanthrene-d10	1053227	17.098				
1719-03-5	Chrysene-d12	1122894	21.533				
1520-96-3	Perylene-d12	1316703	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS202	SDG No.:	BP072924
Lab Sample ID:	PB162202BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021228.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.9		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	23		1.1	5	10	ug/L
110-86-1	Pyridine	22		1.7	10	10	ug/L
108-95-2	Phenol	25		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	23		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	24		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	26		1.4	2.5	5	ug/L
78-59-1	Isophorone	24		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.1	2.5	5	ug/L
91-20-3	Naphthalene	27		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		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	27		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	25		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	26		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS202	SDG No.:	BP072924
Lab Sample ID:	PB162202BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021228.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	27		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		1.6	5	10	ug/L
83-32-9	Acenaphthene	27		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.3	2.5	5	ug/L
86-73-7	Fluorene	28		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	3.6	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	21		1.9	5	10	ug/L
85-01-8	Phenanthrene	27		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	27		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	30		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	23		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS202	SDG No.:	BP072924
Lab Sample ID:	PB162202BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021228.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	23		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.1	2.5	5	ug/L
218-01-9	Chrysene	28		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	23		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	24		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.254		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	22.368		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.056		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.506		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.795		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.361		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.731		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.079		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.739		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.23		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.211		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.05		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.181		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	28.462		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SLCS202	SDG No.:	BP072924
Lab Sample ID:	PB162202BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021228.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.636		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	27.382		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	23.821		15-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.204		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162334	7.634				
1146-65-2	Naphthalene-d8	634118	10.399				
15067-26-2	Acenaphthene-d10	423581	14.269				
1517-22-2	Phenanthrene-d10	938564	17.086				
1719-03-5	Chrysene-d12	991457	21.539				
1520-96-3	Perylene-d12	1185451	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BP072924
Lab Sample ID:	P3336-01	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
BP021229.D	1	7/26/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162296

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:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BP072924
Lab Sample ID:	P3336-01	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
BP021229.D	1	7/26/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162296

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:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BP072924
Lab Sample ID:	P3336-01	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
BP021229.D	1	7/26/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.054		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	5.141	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.513		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.437		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.575		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	14.473		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	26.169		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.069		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.184		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.06		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.427		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.124		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.005		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	29.726		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BP072924
Lab Sample ID:	P3336-01	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
BP021229.D	1	7/26/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.802		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	32.778		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	28.41		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.735		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234772	7.64				
1146-65-2	Naphthalene-d8	934956	10.393				
15067-26-2	Acenaphthene-d10	617906	14.269				
1517-22-2	Phenanthrene-d10	1349814	17.087				
1719-03-5	Chrysene-d12	1412245	21.533				
1520-96-3	Perylene-d12	1727194	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP072924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YDZE1								
P3280-07	YDZE1	Water	1-(Isocyanatomethyl)-4-(methoxy	*	2.500	J		
P3280-07	YDZE1	Water	2-Iodobenzyl alcohol, acetate	*	5.100	J		
P3280-07	YDZE1	Water	Acetamide, N-(3-methylphenyl)-	*	2.600	J		
P3280-07	YDZE1	Water	Mitotane	*	3.000	J		
P3280-07	YDZE1	Water	n-Hexadecanoic acid	*	2.200	J		
P3280-07	YDZE1	Water	unknown-01	*	2.200	J		
P3280-07	YDZE1	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					17.60			
Total Concentration:					17.60			
Client ID : YDZH7								
P3280-08	YDZH7	Water	n-Hexadecanoic acid	*	2.600	J		
P3280-08	YDZH7	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					2.60			
Total Concentration:					2.60			
Client ID : YDZH8								
P3280-11	YDZH8	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					0.00			
P3280-11	YDZH8	Water	1,4-Dioxane		1.100	J 0.35	2	ug/L
Total Svoc :					1.10			
Total Concentration:					1.10			
Client ID : YDZJ1								
P3280-12	YDZJ1	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : YDZJ2								
P3280-13	YDZJ2	Water	(DEL) Alkane: Straight-Chain10.1	*	2.400	J		
P3280-13	YDZJ2	Water	n-Hexadecanoic acid	*	2.500	J		
P3280-13	YDZJ2	Water	unknown-01	*	2.800	J		
P3280-13	YDZJ2	Water	unknown-02	*	33.000	J		
P3280-13	YDZJ2	Water	Total Alkanes	*	2.400	1.1	5	ug/L
Total Tics :					43.10			
Total Concentration:					43.10			
Client ID : E1G92								
P3300-10	E1G92	Water	(DEL) Alkane: Straight-Chain21.1	*	3.400	J		
P3300-10	E1G92	Water	1-Phenoxypropan-2-ol	*	2.100	J		

Hit Summary Sheet SW-846

SDG No.: BP072924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3300-10	E1G92	Water	9,12-Octadecadienoic acid, methyl *	4.600	J			
P3300-10	E1G92	Water	9-Octadecenoic acid (Z)-, methyl *	4.900	J			
P3300-10	E1G92	Water	Hexadecanoic acid, methyl ester *	2.500	J			
P3300-10	E1G92	Water	n-Hexadecanoic acid *	7.900	J			
P3300-10	E1G92	Water	Octadecanoic acid *	3.400	J			
P3300-10	E1G92	Water	unknown-01 *	15.000	J			
P3300-10	E1G92	Water	unknown-02 *	19.000	J			
P3300-10	E1G92	Water	Total Alkanes *	3.400		1.1	5	ug/L
Total Tics :				66.20				
Total Concentration:				66.20				
Client ID : E1G65								
P3300-11	E1G65	Water	(DEL) Alkane: Straight-Chain16.(*	2.200	J			
P3300-11	E1G65	Water	(DEL) Alkane: Straight-Chain21.1 *	6.300	J			
P3300-11	E1G65	Water	1-Hexanol, 2-ethyl- *	5.000	J			
P3300-11	E1G65	Water	1-Phenoxypropan-2-ol *	2.200	J			
P3300-11	E1G65	Water	12-Hydroxystearic acid *	13.000	J			
P3300-11	E1G65	Water	2-Nonenal, (E)- *	2.200	J			
P3300-11	E1G65	Water	n-Hexadecanoic acid *	11.000	J			
P3300-11	E1G65	Water	Octadecanoic acid *	5.100	J			
P3300-11	E1G65	Water	unknown-01 *	63.000	J			
P3300-11	E1G65	Water	Total Alkanes *	8.500		1.1	5	ug/L
Total Tics :				118.50				
Total Concentration:				118.50				
Client ID : E1GE8								
P3300-12	E1GE8	Water	1-Hexanol, 2-ethyl- *	2.400	J			
P3300-12	E1GE8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	4.300	J			
P3300-12	E1GE8	Water	Total Alkanes *	0.000		1.1	5	ug/L
Total Tics :				6.70				
P3300-12	E1GE8	Water	Acetophenone	1.500	J	1.5	10	ug/L
Total Svoc :				1.50				
Total Concentration:				8.20				
Client ID : E1GE9								
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain14.1 *	2.200	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain15.1 *	2.800	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain16.(*	3.900	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain16.8 *	2.700	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain17.5 *	2.500	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain18.2 *	2.200	J			
P3300-13	E1GE9	Water	(DEL) Alkane: Straight-Chain18.9 *	2.600	J			

Hit Summary Sheet
SW-846

SDG No.: BP072924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3300-13	E1GE9	Water	1-Hexanol, 2-ethyl-	*	2.600	J		
P3300-13	E1GE9	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	4.100	J		
P3300-13	E1GE9	Water	Benzoic acid, 4-methyl-	*	4.700	J		
P3300-13	E1GE9	Water	Benzoic acid, p-tert-butyl-	*	2.900	J		
P3300-13	E1GE9	Water	Hexanoic acid, 2-ethyl-	*	45.000	J		
P3300-13	E1GE9	Water	Total Alkanes	*	19.000	1.1	5.1	ug/L
Total Tics :					97.20			
Total Concentration:					97.20			
Client ID : F7E83								
P3301-01	F7E83	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	4.100	J		
P3301-01	F7E83	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					4.10			
Total Concentration:					4.10			
Client ID : F7E87								
P3336-01	F7E87	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : C0AW5DL2								
P3347-03DL2	C0AW5DL2	Water	Benzene, 1-propynyl-	*	410.000	JD		
P3347-03DL2	C0AW5DL2	Water	Benzo[b]thiophene	*	350.000	JD		
P3347-03DL2	C0AW5DL2	Water	Total Alkanes	*	0.000	D 110	500	ug/L
Total Tics :					760.00			
P3347-03DL2	C0AW5DL2	Water	1-Methylnaphthalene		380.000	JD 91	500	ug/L
P3347-03DL2	C0AW5DL2	Water	2-Methylnaphthalene		550.000	D 110	500	ug/L
P3347-03DL2	C0AW5DL2	Water	Acenaphthene		340.000	JD 96	500	ug/L
P3347-03DL2	C0AW5DL2	Water	Carbazole		150.000	JD 110	1000	ug/L
P3347-03DL2	C0AW5DL2	Water	Dibenzofuran		110.000	JD 110	500	ug/L
P3347-03DL2	C0AW5DL2	Water	Naphthalene		4,000.000	D 94	500	ug/L
Total Svoc :					5,530.00			
Total Concentration:					6,290.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	2.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 : _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis (1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo (a) anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis (2-ethylhexyl) phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo (b) fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo (k) fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo (a) pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno (1,2,3-cd) pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo (a,h) anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo (g,h,i) perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

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.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020646 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 12:48

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	204038	7.722	896738	10.49	595801	14.36
	UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
	LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
	EPA SAMPLE NO.						
01	SBLK296	178042	7.65	675744	10.40	419867	14.28
02	SLCS296	224354	7.64	891382	10.39	580120	14.28
03	C0AW5DL2	201700	7.64	817430	10.40	523613	14.28
04	E1GE8	225831	7.64	890999	10.39	580099	14.27
05	E1GE9	233129	7.64	895431	10.40	559070	14.28
06	F7E83	199297	7.63	809218	10.40	517142	14.28
07	SLCS210	218666	7.63	804383	10.39	492493	14.28
08	SLCS189	220503	7.63	863964	10.39	561324	14.28
09	SBLK210	200027	7.63	788186	10.40	507647	14.28
10	SBLK189	193401	7.63	767219	10.40	487374	14.28
11	YDZE1	203953	7.63	690725	10.41	479404	14.28
12	YDZJ1	201631	7.64	801955	10.39	515399	14.28
13	YDZJ2	130166	7.63	584025	10.40	370750	14.26
14	YDZH7	165686	7.63	641348	10.39	393847	14.27
15	YDZH7MS	193968	7.63	786754	10.40	506363	14.27
16	YDZH7MSD	236580	7.64	807517	10.39	598630	14.26
17	YDZH8	203748	7.64	809276	10.39	516267	14.27
18	E1G92	186984	7.63	709843	10.39	443131	14.27
19	E1G65	195529	7.64	772517	10.39	502485	14.27
20	SLCS215	183414	7.63	706860	10.39	466316	14.28
21	SLCS202	162334	7.63	634118	10.40	423581	14.27
22	F7E87	234772	7.64	934956	10.39	617906	14.27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020646 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 05:28

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	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020711 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP021206.D Time Analyzed: 12:48

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	166586	7.634	648332	10.39	414608	14.27
UPPER LIMIT	333172	8.134	1296664	10.892	829216	14.769
LOWER LIMIT	83293	7.134	324166	9.892	207304	13.769
EPA SAMPLE NO.						
01 SBLK296	178042	7.65	675744	10.40	419867	14.28
02 SLCS296	224354	7.64	891382	10.39	580120	14.28
03 C0AW5DL2	201700	7.64	817430	10.40	523613	14.28
04 E1GE8	225831	7.64	890999	10.39	580099	14.27
05 E1GE9	233129	7.64	895431	10.40	559070	14.28
06 F7E83	199297	7.63	809218	10.40	517142	14.28
07 SLCS210	218666	7.63	804383	10.39	492493	14.28
08 SLCS189	220503	7.63	863964	10.39	561324	14.28

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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020712 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP021215.D Time Analyzed: 20:01

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	179947	7.634	714135	10.40	466192	14.28
UPPER LIMIT	359894	8.134	1428270	10.904	932384	14.775
LOWER LIMIT	89973.5	7.134	357067.5	9.904	233096	13.775
EPA SAMPLE NO.						
01 SBLK210	200027	7.63	788186	10.40	507647	14.28
02 SBLK189	193401	7.63	767219	10.40	487374	14.28
03 YDZE1	203953	7.63	690725	10.41	479404	14.28
04 YDZJ1	201631	7.64	801955	10.39	515399	14.28
05 YDZJ2	130166	7.63	584025	10.40	370750	14.26
06 YDZH7	165686	7.63	641348	10.39	393847	14.27
07 YDZH7MS	193968	7.63	786754	10.40	506363	14.27
08 YDZH7MSD	236580	7.64	807517	10.39	598630	14.26
09 YDZH8	203748	7.64	809276	10.39	516267	14.27
10 E1G92	186984	7.63	709843	10.39	443131	14.27
11 E1G65	195529	7.64	772517	10.39	502485	14.27
12 SLCS215	183414	7.63	706860	10.39	466316	14.28
13 SLCS202	162334	7.63	634118	10.40	423581	14.27
14 F7E87	234772	7.64	934956	10.39	617906	14.27

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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020646 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 12:48

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	1.18434e+04	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
01	SBLK296	886004	17.09	946053	21.55	1.12196e+	24.86
02	SLCS296	1.22218	17.09	1.07311e+	21.55	1.17466e+	24.86
03	C0AW5DL2	1.12048	17.09	1.12565e+	21.55	1.33472e+	24.85
04	E1GE8	1.27213	17.09	1.21692e+	21.53	1.38222e+	24.85
05	E1GE9	1.20375	17.10	1.26339e+	21.54	1.53165e+	24.85
06	F7E83	1.12834	17.09	1.15372e+	21.55	1.37614e+	24.87
07	SLCS210	999213	17.10	1.05748e+	21.55	1.28076e+	24.86
08	SLCS189	1.21734	17.09	1.22058e+	21.55	1.41313e+	24.85
09	SBLK210	1.0883e	17.10	1.08925e+	21.55	1.25936e+	24.85
10	SBLK189	1.06089	17.10	1.01475e+	21.54	1.24066e+	24.84
11	YDZE1	980203	17.09	1.04017e+	21.53	1.25883e+	24.83
12	YDZJ1	1.11192	17.09	1.11445e+	21.54	1.34357e+	24.84
13	YDZJ2	802932	17.09	749026	21.54	982265	24.83
14	YDZH7	852008	17.09	904574	21.55	1.08997e+	24.84
15	YDZH7MS	1.09155	17.08	1.07135e+	21.53	1.22938e+	24.83
16	YDZH7MSD	1.08626	17.08	1.2351e+0	21.53	1.48367e+	24.82
17	YDZH8	988602	17.09	1.14485e+	21.53	1.34136e+	24.82
18	E1G92	946157	17.09	1.02225e+	21.53	1.22415e+	24.82
19	E1G65	1.06626	17.08	1.07675e+	21.53	1.33149e+	24.84
20	SLCS215	1.05323	17.10	1.12289e+	21.53	1.3167e+0	24.83
21	SLCS202	938564	17.09	991457	21.54	1.18545e+	24.84

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020646 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 05:28

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	1.18434e+04	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
22 F7E87	1.34981	17.09	1.41225e+	21.53	1.72719e+	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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020711 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP021206.D Time Analyzed: 12:48

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	887821	17.092	918657	21.533	1.0531e+00	24.833
UPPER LIMIT	1775642	17.592	1837314	22.033	2106200	25.333
LOWER LIMIT	443910.5	16.592	459328.5	21.033	526550	24.333
EPA SAMPLE NO.						
01 SBLK296	886004	17.09	946053	21.55	1.12196e+	24.86
02 SLCS296	1.22218	17.09	1.07311e+	21.55	1.17466e+	24.86
03 C0AW5DL2	1.12048	17.09	1.12565e+	21.55	1.33472e+	24.85
04 E1GE8	1.27213	17.09	1.21692e+	21.53	1.38222e+	24.85
05 E1GE9	1.20375	17.10	1.26339e+	21.54	1.53165e+	24.85
06 F7E83	1.12834	17.09	1.15372e+	21.55	1.37614e+	24.87
07 SLCS210	999213	17.10	1.05748e+	21.55	1.28076e+	24.86
08 SLCS189	1.21734	17.09	1.22058e+	21.55	1.41313e+	24.85

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.: BP072924 SAS No.: BP072924 SDG NO.: BP072924

EPA Sample No.: SSTD020712 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BP021215.D Time Analyzed: 20:01

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	1.00334e+01	17.092	972189	21.545	1.14317e+01	24.845
UPPER LIMIT	2006680	17.592	1944378	22.045	2286340	25.345
LOWER LIMIT	501670	16.592	486094.5	21.045	571585	24.345
EPA SAMPLE NO.						
01 SBLK210	1.0883e	17.10	1.08925e+	21.55	1.25936e+	24.85
02 SBLK189	1.06089	17.10	1.01475e+	21.54	1.24066e+	24.84
03 YDZE1	980203	17.09	1.04017e+	21.53	1.25883e+	24.83
04 YDZJ1	1.11192	17.09	1.11445e+	21.54	1.34357e+	24.84
05 YDZJ2	802932	17.09	749026	21.54	982265	24.83
06 YDZH7	852008	17.09	904574	21.55	1.08997e+	24.84
07 YDZH7MS	1.09155	17.08	1.07135e+	21.53	1.22938e+	24.83
08 YDZH7MSD	1.08626	17.08	1.2351e+0	21.53	1.48367e+	24.82
09 YDZH8	988602	17.09	1.14485e+	21.53	1.34136e+	24.82
10 E1G92	946157	17.09	1.02225e+	21.53	1.22415e+	24.82
11 E1G65	1.06626	17.08	1.07675e+	21.53	1.33149e+	24.84
12 SLCS215	1.05323	17.10	1.12289e+	21.53	1.3167e+0	24.83
13 SLCS202	938564	17.09	991457	21.54	1.18545e+	24.84
14 F7E87	1.34981	17.09	1.41225e+	21.53	1.72719e+	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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162189BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	27	ug/L	68				0	0	
	Pyridine	40	26	ug/L	65				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	22	ug/L	55				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	25	ug/L	63				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	32	ug/L	80				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	13	ug/L	33				0	0	
	2,4,6-Trichlorophenol	40	25	ug/L	63				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	32	ug/L	80				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	32	ug/L	80				0	0	
	4-Nitrophenol	40	36	ug/L	90				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	43	ug/L	108				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

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SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162189BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	1.8	ug/L	5				0	0		
	Pentachlorophenol	40	20	ug/L	50				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	29	ug/L	73				0	0		
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	Carbazole	40	33	ug/L	83				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	25	ug/L	63				0	0		
	Pyrene	40	26	ug/L	65				0	0		
	Butylbenzylphthalate	40	27	ug/L	68				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	29	ug/L	73				0	0		
	Chrysene	40	30	ug/L	75				0	0		
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0		
	Benzo(g,h,i)perylene	40	29	ug/L	73				0	0		
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162202BS	1,4-Dioxane	16	8.9	ug/L	56				0	0	
	Benzaldehyde	40	23	ug/L	58				0	0	
	Pyridine	40	22	ug/L	55				0	0	
	Phenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethyl)ether	40	23	ug/L	58				0	0	
	2-Chlorophenol	40	26	ug/L	65				0	0	
	2-Methylphenol	40	25	ug/L	63				0	0	
	2,2-oxybis(1-Chloropropane)	40	21	ug/L	52				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	25	ug/L	63				0	0	
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0	
	Hexachloroethane	40	24	ug/L	60				0	0	
	Nitrobenzene	40	26	ug/L	65				0	0	
	Isophorone	40	24	ug/L	60				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	22	ug/L	55				0	0	
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0	
	2,4,6-Trichlorophenol	40	25	ug/L	63				0	0	
	2,4,5-Trichlorophenol	40	26	ug/L	65				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	27	ug/L	68				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	31	ug/L	78				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	29	ug/L	73				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	38	ug/L	95				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

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SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162202BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0		
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	3.6	ug/L	9				0	0		
	Pentachlorophenol	40	21	ug/L	52				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	30	ug/L	75				0	0		
	Di-n-butylphthalate	40	27	ug/L	68				0	0		
	Fluoranthene	40	23	ug/L	58				0	0		
	Pyrene	40	24	ug/L	60				0	0		
	Butylbenzylphthalate	40	23	ug/L	58				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	23	ug/L	58				0	0		
	Di-n-octylphthalate	40	24	ug/L	60				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162210BS	1,4-Dioxane	16	9.7	ug/L	61				0	0		
	Benzaldehyde	40	25	ug/L	63				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	25	ug/L	63				0	0		
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0		
	2-Chlorophenol	40	25	ug/L	63				0	0		
	2-Methylphenol	40	24	ug/L	60				0	0		
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0		
	Acetophenone	40	23	ug/L	58				0	0		
	4-Methylphenol	40	23	ug/L	58				0	0		
	N-Nitroso-di-n-propylamine	40	22	ug/L	55				0	0		
	Hexachloroethane	40	25	ug/L	63				0	0		
	Nitrobenzene	40	27	ug/L	68				0	0		
	Isophorone	40	25	ug/L	63				0	0		
	2-Nitrophenol	40	28	ug/L	70				0	0		
	2,4-Dimethylphenol	40	20	ug/L	50				0	0		
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0		
	2,4-Dichlorophenol	40	26	ug/L	65				0	0		
	Naphthalene	40	26	ug/L	65				0	0		
	4-Chloroaniline	40	22	ug/L	55				0	0		
	Hexachlorobutadiene	40	27	ug/L	68				0	0		
	Caprolactam	40	25	ug/L	63				0	0		
	4-Chloro-3-methylphenol	40	26	ug/L	65				0	0		
	1-Methylnaphthalene	40	25	ug/L	63				0	0		
	2-Methylnaphthalene	40	26	ug/L	65				0	0		
	Hexachlorocyclopentadiene	40	13	ug/L	33				0	0		
	2,4,6-Trichlorophenol	40	23	ug/L	58				0	0		
	2,4,5-Trichlorophenol	40	24	ug/L	60				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	28	ug/L	70				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0		
	Acenaphthylene	40	26	ug/L	65				0	0		
	3-Nitroaniline	40	29	ug/L	73				0	0		
	Acenaphthene	40	27	ug/L	68				0	0		
	2,4-Dinitrophenol	40	26	ug/L	65				0	0		
	4-Nitrophenol	40	30	ug/L	75				0	0		
	Dibenzofuran	40	27	ug/L	68				0	0		
	2,4-Dinitrotoluene	40	28	ug/L	70				0	0		
	Diethylphthalate	40	26	ug/L	65				0	0		
	Fluorene	40	27	ug/L	68				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

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SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162210BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	2.5	ug/L	6				0	0	
	Pentachlorophenol	40	18	ug/L	45				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	26	ug/L	65				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	22	ug/L	55				0	0	
	Pyrene	40	23	ug/L	58				0	0	
	Butylbenzylphthalate	40	25	ug/L	63				0	0	
	3,3'-Dichlorobenzidine	40	29	ug/L	73				0	0	
	Benzo(a)anthracene	40	27	ug/L	68				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	21	ug/L	52				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162215BS	1,4-Dioxane	16	9.2	ug/L	58				0	0		
	Benzaldehyde	40	24	ug/L	60				0	0		
	Pyridine	40	23	ug/L	58				0	0		
	Phenol	40	25	ug/L	63				0	0		
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0		
	2-Chlorophenol	40	27	ug/L	68				0	0		
	2-Methylphenol	40	25	ug/L	63				0	0		
	2,2-oxybis(1-Chloropropane)	40	21	ug/L	52				0	0		
	Acetophenone	40	25	ug/L	63				0	0		
	4-Methylphenol	40	25	ug/L	63				0	0		
	N-Nitroso-di-n-propylamine	40	22	ug/L	55				0	0		
	Hexachloroethane	40	26	ug/L	65				0	0		
	Nitrobenzene	40	26	ug/L	65				0	0		
	Isophorone	40	25	ug/L	63				0	0		
	2-Nitrophenol	40	29	ug/L	73				0	0		
	2,4-Dimethylphenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0		
	2,4-Dichlorophenol	40	28	ug/L	70				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	24	ug/L	60				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	15	ug/L	38				0	0		
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0		
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	28	ug/L	70				0	0		
	Dimethylphthalate	40	29	ug/L	73				0	0		
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	33	ug/L	83				0	0		
	Acenaphthene	40	27	ug/L	68				0	0		
	2,4-Dinitrophenol	40	32	ug/L	80				0	0		
	4-Nitrophenol	40	35	ug/L	88				0	0		
	Dibenzofuran	40	29	ug/L	73				0	0		
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0		
	Diethylphthalate	40	29	ug/L	73				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0		
	4-Nitroaniline	40	42	ug/L	105				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162215BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	30	ug/L	75				0	0		
	Atrazine	40	3.8	ug/L	10				0	0		
	Pentachlorophenol	40	21	ug/L	52				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	29	ug/L	73				0	0		
	Fluoranthene	40	24	ug/L	60				0	0		
	Pyrene	40	24	ug/L	60				0	0		
	Butylbenzylphthalate	40	24	ug/L	60				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	25	ug/L	63				0	0		
	Di-n-octylphthalate	40	25	ug/L	63				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				0	0		
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				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.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162296BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	28	ug/L	70				0	0	
	Pyridine	40	26	ug/L	65				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	28	ug/L	70				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	30	ug/L	75				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	30	ug/L	75				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	26	ug/L	65				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	15	ug/L	38				0	0	
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	30	ug/L	75				0	0	
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	30	ug/L	75				0	0	
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0	
	4-Nitroaniline	40	42	ug/L	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162296BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	3.6	ug/L	9				0	0	
	Pentachlorophenol	40	19	ug/L	48				0	0	
	Phenanthrene	40	31	ug/L	78				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	Carbazole	40	33	ug/L	83				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	29	ug/L	73				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	29	ug/L	73				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	31	ug/L	78				0	0	
	Bis(2-ethylhexyl)phthalate	40	29	ug/L	73				0	0	
	Di-n-octylphthalate	40	30	ug/L	75				0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	29	ug/L	73				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK189

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072924

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021217.D

Lab Sample ID: PB162189BL

Instrument ID: BNA_P

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 20:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GE8	P3300-12	BP021210.D	07/29/2024
E1GE9	P3300-13	BP021211.D	07/29/2024
F7E83	P3301-01	BP021212.D	07/29/2024
PB162189BS	PB162189BS	BP021214.D	07/29/2024
E1G92	P3300-10	BP021225.D	07/30/2024
E1G65	P3300-11	BP021226.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS202

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072924

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021228.D

Lab Sample ID: PB162202BS

Instrument ID: BNA_P

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 04:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162202BS	PB162202BS	BP021228.D	07/30/2024
YDZE1	P3280-07	BP021218.D	07/29/2024
YDZJ1	P3280-12	BP021219.D	07/29/2024
YDZJ2	P3280-13	BP021220.D	07/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK210

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072924

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021216.D

Lab Sample ID: PB162210BL

Instrument ID: BNA_P

Date Extracted: 07/20/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 20:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162210BS	PB162210BS	BP021213.D	07/29/2024
YDZH7	P3280-08	BP021221.D	07/29/2024
YDZH7MS	P3280-09MS	BP021222.D	07/30/2024
YDZH7MSD	P3280-10MSD	BP021223.D	07/30/2024
YDZH8	P3280-11	BP021224.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS215

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072924

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021227.D

Lab Sample ID: PB162215BS

Instrument ID: BNA_P

Date Extracted: 07/22/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 04:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162215BS	PB162215BS	BP021227.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK296

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072924

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021207.D

Lab Sample ID: PB162296BL

Instrument ID: BNA_P

Date Extracted: 07/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 12:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162296BS	PB162296BS	BP021208.D	07/29/2024
F7E87	P3336-01	BP021229.D	07/30/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3280-09MS	Client Sample ID:	YDZH7MS					DataFile:	BP021222.D		
1,4-Dioxane	16		5.2	ug/L	33				15	120	
Benzaldehyde	40		30	ug/L	75				0	0	
Pyridine	40		9.3	ug/L	23				0	0	
Phenol	40		8.1	ug/L	20				12	110	
Bis(2-chloroethyl)ether	40		27	ug/L	68				0	0	
2-Chlorophenol	40		25	ug/L	63				27	123	
2-Methylphenol	40		20	ug/L	50				0	0	
2,2-oxybis(1-Chloropropane)	40		27	ug/L	68				0	0	
Acetophenone	40		28	ug/L	70				0	0	
4-Methylphenol	40		18	ug/L	45				0	0	
N-Nitroso-di-n-propylamine	40		26	ug/L	65				41	116	
Hexachloroethane	40		24	ug/L	60				0	0	
Nitrobenzene	40		29	ug/L	73				0	0	
Isophorone	40		23	ug/L	58				0	0	
2-Nitrophenol	40		25	ug/L	63				0	0	
2,4-Dimethylphenol	40		20	ug/L	50				0	0	
Bis(2-chloroethoxy)methane	40		27	ug/L	68				0	0	
2,4-Dichlorophenol	40		28	ug/L	70				0	0	
Naphthalene	40		27	ug/L	68				0	0	
4-Chloroaniline	40		19	ug/L	48				0	0	
Hexachlorobutadiene	40		26	ug/L	65				0	0	
Caprolactam	40		5.8	ug/L	15				0	0	
4-Chloro-3-methylphenol	40		29	ug/L	73				23	97	
1-Methylnaphthalene	40		28	ug/L	70				0	0	
2-Methylnaphthalene	40		28	ug/L	70				0	0	
Hexachlorocyclopentadiene	40		12	ug/L	30				0	0	
2,4,6-Trichlorophenol	40		30	ug/L	75				0	0	
2,4,5-Trichlorophenol	40		31	ug/L	78				0	0	
1,1'-Biphenyl	40		30	ug/L	75				0	0	
2-Chloronaphthalene	40		29	ug/L	73				0	0	
2-Nitroaniline	40		35	ug/L	88				0	0	
Dimethylphthalate	40		32	ug/L	80				0	0	
2,6-Dinitrotoluene	40		33	ug/L	83				0	0	
Acenaphthylene	40		30	ug/L	75				0	0	
3-Nitroaniline	40		36	ug/L	90				0	0	
Acenaphthene	40		30	ug/L	75				46	118	
2,4-Dinitrophenol	40		36	ug/L	90				0	0	
4-Nitrophenol	40		13	ug/L	33				10	80	
Dibenzofuran	40		32	ug/L	80				0	0	
2,4-Dinitrotoluene	40		36	ug/L	90				24	96	
Diethylphthalate	40		32	ug/L	80				0	0	
Fluorene	40		33	ug/L	83				0	0	
4-Chlorophenyl-phenylether	40		31	ug/L	78				0	0	
4-Nitroaniline	40		45	ug/L	113				0	0	
4,6-Dinitro-2-methylphenol	40		33	ug/L	83				0	0	
N-Nitrosodiphenylamine	40		31	ug/L	78				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		30	ug/L	75				0	0	
4-Bromophenyl-phenylether	40		30	ug/L	75				0	0	
Hexachlorobenzene	40		31	ug/L	78				0	0	
Atrazine	40		22	ug/L	55				0	0	
Pentachlorophenol	40		28	ug/L	70				9	103	
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		27	ug/L	68				0	0	
Carbazole	40		37	ug/L	93				0	0	
Di-n-butylphthalate	40		34	ug/L	85				0	0	
Fluoranthene	40		28	ug/L	70				0	0	
Pyrene	40		29	ug/L	73				26	127	
Butylbenzylphthalate	40		30	ug/L	75				0	0	
3,3'-Dichlorobenzidine	40		27	ug/L	68				0	0	
Benzo(a)anthracene	40		32	ug/L	80				0	0	
Chrysene	40		33	ug/L	83				0	0	
Bis(2-ethylhexyl)phthalate	40		30	ug/L	75				0	0	
Di-n-octylphthalate	40		31	ug/L	78				0	0	
Benzo(b)fluoranthene	40		31	ug/L	78				0	0	
Benzo(k)fluoranthene	40		30	ug/L	75				0	0	
Benzo(a)pyrene	40		30	ug/L	75				0	0	
Indeno(1,2,3-cd)pyrene	40		34	ug/L	85				0	0	
Dibenzo(a,h)anthracene	40		33	ug/L	83				0	0	
Benzo(g,h,i)perylene	40		32	ug/L	80				0	0	
2,3,4,6-Tetrachlorophenol	40		32	ug/L	80				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3280-10MSD	Client Sample ID:	YDZH7MSD					DataFile:	BP021223.D		
1,4-Dioxane	16		4.7	ug/L	29	13			15	120	50
Benzaldehyde	40		28	ug/L	70	7	*		0	0	0
Pyridine	40		8.8	ug/L	22	4	*		0	0	0
Phenol	40		7.7	ug/L	19	5			12	110	42
Bis(2-chloroethyl)ether	40		25	ug/L	63	8	*		0	0	0
2-Chlorophenol	40		23	ug/L	58	8			27	123	40
2-Methylphenol	40		18	ug/L	45	11	*		0	0	0
2,2-oxybis(1-Chloropropane)	40		25	ug/L	63	8	*		0	0	0
Acetophenone	40		25	ug/L	63	11	*		0	0	0
4-Methylphenol	40		16	ug/L	40	12	*		0	0	0
N-Nitroso-di-n-propylamine	40		25	ug/L	63	3			41	116	38
Hexachloroethane	40		23	ug/L	58	3	*		0	0	0
Nitrobenzene	40		30	ug/L	75	3	*		0	0	0
Isophorone	40		30	ug/L	75	26	*		0	0	0
2-Nitrophenol	40		32	ug/L	80	24	*		0	0	0
2,4-Dimethylphenol	40		26	ug/L	65	26	*		0	0	0
Bis(2-chloroethoxy)methane	40		25	ug/L	63	8	*		0	0	0
2,4-Dichlorophenol	40		27	ug/L	68	3	*		0	0	0
Naphthalene	40		26	ug/L	65	5	*		0	0	0
4-Chloroaniline	40		18	ug/L	45	6	*		0	0	0
Hexachlorobutadiene	40		26	ug/L	65	0			0	0	0
Caprolactam	40		6.3	ug/L	16	6	*		0	0	0
4-Chloro-3-methylphenol	40		32	ug/L	80	9			23	97	42
1-Methylnaphthalene	40		31	ug/L	78	11	*		0	0	0
2-Methylnaphthalene	40		31	ug/L	78	11	*		0	0	0
Hexachlorocyclopentadiene	40		12	ug/L	30	0			0	0	0
2,4,6-Trichlorophenol	40		29	ug/L	73	3	*		0	0	0
2,4,5-Trichlorophenol	40		30	ug/L	75	4	*		0	0	0
1,1'-Biphenyl	40		28	ug/L	70	7	*		0	0	0
2-Chloronaphthalene	40		28	ug/L	70	4	*		0	0	0
2-Nitroaniline	40		33	ug/L	83	6	*		0	0	0
Dimethylphthalate	40		30	ug/L	75	6	*		0	0	0
2,6-Dinitrotoluene	40		32	ug/L	80	4	*		0	0	0
Acenaphthylene	40		28	ug/L	70	7	*		0	0	0
3-Nitroaniline	40		34	ug/L	85	6	*		0	0	0
Acenaphthene	40		28	ug/L	70	7			46	118	31
2,4-Dinitrophenol	40		32	ug/L	80	12	*		0	0	0
4-Nitrophenol	40		12	ug/L	30	10			10	80	50
Dibenzofuran	40		30	ug/L	75	6	*		0	0	0
2,4-Dinitrotoluene	40		33	ug/L	83	8			24	96	38
Diethylphthalate	40		30	ug/L	75	6	*		0	0	0
Fluorene	40		30	ug/L	75	10	*		0	0	0
4-Chlorophenyl-phenylether	40		29	ug/L	73	7	*		0	0	0
4-Nitroaniline	40		42	ug/L	105	7	*		0	0	0
4,6-Dinitro-2-methylphenol	40		36	ug/L	90	8	*		0	0	0
N-Nitrosodiphenylamine	40		34	ug/L	85	9	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		28	ug/L	70	7	*		0	0	0
4-Bromophenyl-phenylether	40		33	ug/L	83	10	*		0	0	0
Hexachlorobenzene	40		34	ug/L	85	9	*		0	0	0
Atrazine	40		23	ug/L	58	5	*		0	0	0
Pentachlorophenol	40		31	ug/L	78	11			9	103	50
Phenanthrene	40		31	ug/L	78	6	*		0	0	0
Pentachlorobenzene	40		32	ug/L	80	9	*		0	0	0
Anthracene	40		30	ug/L	75	6	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40		31	ug/L	78	14	*		0	0	0
Carbazole	40		33	ug/L	83	11	*		0	0	0
Di-n-butylphthalate	40		31	ug/L	78	9	*		0	0	0
Fluoranthene	40		27	ug/L	68	3	*		0	0	0
Pyrene	40		27	ug/L	68	7			26	127	31
Butylbenzylphthalate	40		28	ug/L	70	7	*		0	0	0
3,3'-Dichlorobenzidine	40		26	ug/L	65	5	*		0	0	0
Benzo(a)anthracene	40		31	ug/L	78	3	*		0	0	0
Chrysene	40		32	ug/L	80	4	*		0	0	0
Bis(2-ethylhexyl)phthalate	40		28	ug/L	70	7	*		0	0	0
Di-n-octylphthalate	40		29	ug/L	73	7	*		0	0	0
Benzo(b)fluoranthene	40		32	ug/L	80	3	*		0	0	0
Benzo(k)fluoranthene	40		30	ug/L	75	0			0	0	0
Benzo(a)pyrene	40		28	ug/L	70	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	40		31	ug/L	78	9	*		0	0	0
Dibenzo(a,h)anthracene	40		31	ug/L	78	6	*		0	0	0
Benzo(g,h,i)perylene	40		30	ug/L	75	6	*		0	0	0
2,3,4,6-Tetrachlorophenol	40		29	ug/L	73	9	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3300-10	E1G92	BP021225.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	6.64	17	*	20	120
			Phenol-d5	40	7.21	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.89	62		25	120
			2-Chlorophenol-d4	40	23.05	58		20	130
			4-Methylphenol-d8	40	16.04	40		25	125
			Nitrobenzene-d5	40	25.25	63		20	125
			2-Nitrophenol-d4	40	25.05	63		20	130
			2,4-Dichlorophenol-d3	40	25.13	63		20	120
			4-Chloroaniline-d4	40	24.23	61		1	146
			Dimethylphthalate-d6	40	29.53	74		25	130
			Acenaphthylene-d8	40	28.01	70		10	130
			4-Nitrophenol-d4	40	7.42	19		10	150
			Fluorene-d10	40	27.45	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.19	60		10	130
			Anthracene-d10	40	32.19	80		25	130
			Pyrene-d10	40	26.70	67		15	130
			Benzo(a)pyrene-d12	40	33.47	84		20	130
P3300-11	E1G65	BP021226.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	3.15	8	*	20	120
			Phenol-d5	40	6.46	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.40	44		25	120
			2-Chlorophenol-d4	40	18.09	45		20	130
			4-Methylphenol-d8	40	13.78	34		25	125
			Nitrobenzene-d5	40	16.51	41		20	125
			2-Nitrophenol-d4	40	16.32	41		20	130
			2,4-Dichlorophenol-d3	40	17.13	43		20	120
			4-Chloroaniline-d4	40	16.26	41		1	146
			Dimethylphthalate-d6	40	18.99	47		25	130
			Acenaphthylene-d8	40	17.95	45		10	130
			4-Nitrophenol-d4	40	7.50	19		10	150
			Fluorene-d10	40	20.52	51		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.97	37		10	130
			Anthracene-d10	40	21.21	53		25	130
			Pyrene-d10	40	18.89	47		15	130
			Benzo(a)pyrene-d12	40	22.33	56		20	130
P3300-12	E1GE8	BP021210.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	9.93	25		20	120
			Phenol-d5	40	8.40	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.20	80		25	120
			2-Chlorophenol-d4	40	28.61	72		20	130
			4-Methylphenol-d8	40	19.05	48		25	125
			Nitrobenzene-d5	40	33.72	84		20	125
			2-Nitrophenol-d4	40	33.66	84		20	130
			2,4-Dichlorophenol-d3	40	30.71	77		20	120
			4-Chloroaniline-d4	40	30.21	76		1	146
			Dimethylphthalate-d6	40	35.13	88		25	130
			Acenaphthylene-d8	40	34.99	87		10	130
			4-Nitrophenol-d4	40	6.86	17		10	150

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3300-12	E1GE8	BP021210.D	Fluorene-d10	40	35.97	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.14	70		10	130
			Anthracene-d10	40	35.81	90		25	130
			Pyrene-d10	40	32.92	82		15	130
			Benzo(a)pyrene-d12	40	38.47	96		20	130
P3300-13	E1GE9	BP021211.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	8.99	22		20	120
			Phenol-d5	40	6.39	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.08	63		25	120
			2-Chlorophenol-d4	40	22.96	57		20	130
			4-Methylphenol-d8	40	14.91	37		25	125
			Nitrobenzene-d5	40	26.54	66		20	125
			2-Nitrophenol-d4	40	26.28	66		20	130
			2,4-Dichlorophenol-d3	40	24.85	62		20	120
			4-Chloroaniline-d4	40	23.46	59		1	146
			Dimethylphthalate-d6	40	28.21	71		25	130
			Acenaphthylene-d8	40	27.71	69		10	130
			4-Nitrophenol-d4	40	6.24	16		10	150
			Fluorene-d10	40	29.94	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.19	65		10	130
			Anthracene-d10	40	31.69	79		25	130
			Pyrene-d10	40	28.19	70		15	130
			Benzo(a)pyrene-d12	40	34.34	86		20	130
			1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	5.87	15	*	20	120
			Phenol-d5	40	6.10	15		10	130
P3301-01	F7E83	BP021212.D	Bis(2-Chloroethyl)ether-d8	40	23.83	60		25	120
			2-Chlorophenol-d4	40	21.20	53		20	130
			4-Methylphenol-d8	40	14.16	35		25	125
			Nitrobenzene-d5	40	23.79	59		20	125
			2-Nitrophenol-d4	40	23.70	59		20	130
			2,4-Dichlorophenol-d3	40	21.37	53		20	120
			4-Chloroaniline-d4	40	21.33	53		1	146
			Dimethylphthalate-d6	40	26.69	67		25	130
			Acenaphthylene-d8	40	25.11	63		10	130
			4-Nitrophenol-d4	40	5.88	15		10	150
			Fluorene-d10	40	28.15	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.58	64		10	130
			Anthracene-d10	40	30.79	77		25	130
			Pyrene-d10	40	27.52	69		15	130
			Benzo(a)pyrene-d12	40	32.91	82		20	130
			1,4-Dioxane-d8	8	5.61	70		15	120
			Pyridine-d5	40	24.55	61		20	120
			Phenol-d5	40	24.45	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.82	65		25	120
			2-Chlorophenol-d4	40	24.80	62		20	130
PB162189BL	PB162189BL	BP021217.D	4-Methylphenol-d8	40	24.08	60		25	125
			Nitrobenzene-d5	40	25.73	64		20	125
			2-Nitrophenol-d4	40	25.76	64		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162189BL	PB162189BL	BP021217.D	2,4-Dichlorophenol-d3	40	23.10	58		20	120
			4-Chloroaniline-d4	40	24.97	62		1	146
			Dimethylphthalate-d6	40	27.80	69		25	130
			Acenaphthylene-d8	40	26.50	66		10	130
			4-Nitrophenol-d4	40	24.48	61		10	150
			Fluorene-d10	40	28.55	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.61	49		10	130
			Anthracene-d10	40	27.66	69		25	130
			Pyrene-d10	40	25.23	63		15	130
			Benzo(a)pyrene-d12	40	28.07	70		20	130
PB162189BS	PB162189BS	BP021214.D	1,4-Dioxane-d8	8	6.25	78		15	120
			Pyridine-d5	40	25.97	65		20	120
			Phenol-d5	40	27.22	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.74	67		25	120
			2-Chlorophenol-d4	40	26.95	67		20	130
			4-Methylphenol-d8	40	25.73	64		25	125
			Nitrobenzene-d5	40	28.66	72		20	125
			2-Nitrophenol-d4	40	28.93	72		20	130
			2,4-Dichlorophenol-d3	40	28.72	72		20	120
			4-Chloroaniline-d4	40	25.89	65		1	146
			Dimethylphthalate-d6	40	28.52	71		25	130
			Acenaphthylene-d8	40	28.68	72		10	130
			4-Nitrophenol-d4	40	41.24	103		10	150
			Fluorene-d10	40	30.09	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.96	75		10	130
			Anthracene-d10	40	28.56	71		25	130
			Pyrene-d10	40	26.04	65		15	130
			Benzo(a)pyrene-d12	40	30.39	76		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3280-07	YDZE1	BP021218.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	8.25	21		20	120
			Phenol-d5	40	6.27	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.38	61		25	120
			2-Chlorophenol-d4	40	22.16	55		20	130
			4-Methylphenol-d8	40	14.18	35		25	125
			Nitrobenzene-d5	40	28.20	70		20	125
			2-Nitrophenol-d4	40	28.04	70		20	130
			2,4-Dichlorophenol-d3	40	26.05	65		20	120
			4-Chloroaniline-d4	40	19.81	50		1	146
			Dimethylphthalate-d6	40	28.55	71		25	130
			Acenaphthylene-d8	40	26.83	67		10	130
			4-Nitrophenol-d4	40	7.16	18		10	150
			Fluorene-d10	40	28.94	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.75	62		10	130
			Anthracene-d10	40	32.49	81		25	130
			Pyrene-d10	40	27.90	70		15	130
			Benzo(a)pyrene-d12	40	34.78	87		20	130
P3280-12	YDZJ1	BP021219.D	Pyridine-d5	40	7.94	20		20	120
			1,4-Dioxane-d8	8	4.69	59		15	120
			Phenol-d5	40	6.37	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.79	69		25	120
			2-Chlorophenol-d4	40	24.04	60		20	130
			4-Methylphenol-d8	40	15.84	40		25	125
			Nitrobenzene-d5	40	27.90	70		20	125
			2-Nitrophenol-d4	40	27.99	70		20	130
			2,4-Dichlorophenol-d3	40	25.85	65		20	120
			4-Chloroaniline-d4	40	21.76	54		1	146
			Dimethylphthalate-d6	40	30.96	77		25	130
			Acenaphthylene-d8	40	29.52	74		10	130
			4-Nitrophenol-d4	40	5.99	15		10	150
			Fluorene-d10	40	31.80	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.61	69		10	130
			Anthracene-d10	40	34.52	86		25	130
			Pyrene-d10	40	30.83	77		15	130
			Benzo(a)pyrene-d12	40	37.03	93		20	130
P3280-13	YDZJ2	BP021220.D	1,4-Dioxane-d8	8	7.38	92		15	120
			Pyridine-d5	40	16.11	40		20	120
			Phenol-d5	40	17.49	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.37	96		25	120
			2-Chlorophenol-d4	40	30.81	77		20	130
			4-Methylphenol-d8	40	31.27	78		25	125
			Nitrobenzene-d5	40	34.48	86		20	125
			2-Nitrophenol-d4	40	33.97	85		20	130
			2,4-Dichlorophenol-d3	40	31.16	78		20	120
			4-Chloroaniline-d4	40	26.62	67		1	146
			Dimethylphthalate-d6	40	36.74	92		25	130
			Acenaphthylene-d8	40	35.34	88		10	130
			4-Nitrophenol-d4	40	9.67	24		10	150

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3280-13	YDZJ2	BP021220.D	Fluorene-d10	40	37.14	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.62	74		10	130
			Anthracene-d10	40	39.29	98		25	130
			Pyrene-d10	40	33.70	84		15	130
			Benzo(a)pyrene-d12	40	41.56	104		20	130
PB162202BS	PB162202BS	BP021228.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	22.37	56		20	120
			Phenol-d5	40	24.06	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.51	56		25	120
			2-Chlorophenol-d4	40	24.80	62		20	130
			4-Methylphenol-d8	40	23.36	58		25	125
			Nitrobenzene-d5	40	26.73	67		20	125
			2-Nitrophenol-d4	40	27.08	68		20	130
			2,4-Dichlorophenol-d3	40	27.74	69		20	120
			4-Chloroaniline-d4	40	24.23	61		1	146
			Dimethylphthalate-d6	40	27.21	68		25	130
			Acenaphthylene-d8	40	27.05	68		10	130
			4-Nitrophenol-d4	40	37.18	93		10	150
			Fluorene-d10	40	28.46	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.64	72		10	130
			Anthracene-d10	40	27.38	68		25	130
			Pyrene-d10	40	23.82	60		15	130
			Benzo(a)pyrene-d12	40	28.20	71		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3280-08	YDZH7	BP021221.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Pyridine-d5	40	11.68	29		20	120
			Phenol-d5	40	8.27	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.48	79		25	120
			2-Chlorophenol-d4	40	28.50	71		20	130
			4-Methylphenol-d8	40	18.97	47		25	125
			Nitrobenzene-d5	40	31.69	79		20	125
			2-Nitrophenol-d4	40	32.24	81		20	130
			2,4-Dichlorophenol-d3	40	29.93	75		20	120
			4-Chloroaniline-d4	40	27.46	69		1	146
			Dimethylphthalate-d6	40	38.21	96		25	130
			Acenaphthylene-d8	40	35.25	88		10	130
			4-Nitrophenol-d4	40	8.52	21		10	150
			Fluorene-d10	40	38.59	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.56	79		10	130
			Anthracene-d10	40	40.60	102		25	130
			Pyrene-d10	40	35.78	89		15	130
			Benzo(a)pyrene-d12	40	42.44	106		20	130
P3280-09MS	YDZH7MS	BP021222.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	8.78	22		20	120
			Phenol-d5	40	7.46	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.01	70		25	120
			2-Chlorophenol-d4	40	24.61	62		20	130
			4-Methylphenol-d8	40	16.45	41		25	125
			Nitrobenzene-d5	40	29.11	73		20	125
			2-Nitrophenol-d4	40	25.36	63		20	130
			2,4-Dichlorophenol-d3	40	28.57	71		20	120
			4-Chloroaniline-d4	40	22.28	56		1	146
			Dimethylphthalate-d6	40	33.10	83		25	130
			Acenaphthylene-d8	40	31.17	78		10	130
			4-Nitrophenol-d4	40	19.32	48		10	150
			Fluorene-d10	40	33.41	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.16	85		10	130
			Anthracene-d10	40	33.53	84		25	130
			Pyrene-d10	40	30.14	75		15	130
			Benzo(a)pyrene-d12	40	35.70	89		20	130
P3280-10MSD	YDZH7MSD	BP021223.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	8.00	20		20	120
			Phenol-d5	40	7.11	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.27	66		25	120
			2-Chlorophenol-d4	40	22.84	57		20	130
			4-Methylphenol-d8	40	15.50	39		25	125
			Nitrobenzene-d5	40	29.87	75		20	125
			2-Nitrophenol-d4	40	31.95	80		20	130
			2,4-Dichlorophenol-d3	40	27.40	69		20	120
			4-Chloroaniline-d4	40	20.57	51		1	146
			Dimethylphthalate-d6	40	30.41	76		25	130
			Acenaphthylene-d8	40	29.60	74		10	130
			4-Nitrophenol-d4	40	17.14	43		10	150

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3280-10MSD	YDZH7MSD	BP021223.D	Fluorene-d10	40	31.46	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.25	93		10	130
			Anthracene-d10	40	31.97	80		25	130
			Pyrene-d10	40	27.46	69		15	130
			Benzo(a)pyrene-d12	40	33.75	84		20	130
P3280-11	YDZH8	BP021224.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	6.19	15	*	20	120
			Phenol-d5	40	7.39	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.02	68		25	120
			2-Chlorophenol-d4	40	24.47	61		20	130
			4-Methylphenol-d8	40	16.67	42		25	125
			Nitrobenzene-d5	40	27.77	69		20	125
			2-Nitrophenol-d4	40	27.41	69		20	130
			2,4-Dichlorophenol-d3	40	25.33	63		20	120
			4-Chloroaniline-d4	40	22.73	57		1	146
			Dimethylphthalate-d6	40	30.25	76		25	130
			Acenaphthylene-d8	40	28.80	72		10	130
			4-Nitrophenol-d4	40	6.97	17		10	150
			Fluorene-d10	40	30.43	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.65	69		10	130
			Anthracene-d10	40	31.67	79		25	130
			Pyrene-d10	40	28.27	71		15	130
			Benzo(a)pyrene-d12	40	34.09	85		20	130
PB162210BL	PB162210BL	BP021216.D	Pyridine-d5	40	23.61	59		20	120
			1,4-Dioxane-d8	8	5.28	66		15	120
			Phenol-d5	40	23.56	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.64	62		25	120
			2-Chlorophenol-d4	40	24.10	60		20	130
			4-Methylphenol-d8	40	23.20	58		25	125
			Nitrobenzene-d5	40	25.52	64		20	125
			2-Nitrophenol-d4	40	25.06	63		20	130
			2,4-Dichlorophenol-d3	40	23.05	58		20	120
			4-Chloroaniline-d4	40	24.47	61		1	146
			Dimethylphthalate-d6	40	26.50	66		25	130
			Acenaphthylene-d8	40	25.56	64		10	130
			4-Nitrophenol-d4	40	22.47	56		10	150
			Fluorene-d10	40	26.76	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.44	49		10	130
			Anthracene-d10	40	27.43	69		25	130
			Pyrene-d10	40	23.87	60		15	130
			Benzo(a)pyrene-d12	40	27.39	68		20	130
PB162210BS	PB162210BS	BP021213.D	Pyridine-d5	40	23.10	58		20	120
			1,4-Dioxane-d8	8	5.87	73		15	120
			Phenol-d5	40	23.85	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.70	62		25	120
			2-Chlorophenol-d4	40	24.08	60		20	130
			4-Methylphenol-d8	40	22.34	56		25	125
			Nitrobenzene-d5	40	26.87	67		20	125
			2-Nitrophenol-d4	40	26.95	67		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162210BS	PB162210BS	BP021213.D	2,4-Dichlorophenol-d3	40	26.07	65		20	120
			4-Chloroaniline-d4	40	23.10	58		1	146
			Dimethylphthalate-d6	40	26.44	66		25	130
			Acenaphthylene-d8	40	26.82	67		10	130
			4-Nitrophenol-d4	40	34.03	85		10	150
			Fluorene-d10	40	27.12	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.67	69		10	130
			Anthracene-d10	40	26.90	67		25	130
			Pyrene-d10	40	23.42	59		15	130
			Benzo(a)pyrene-d12	40	27.95	70		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162215BS	PB162215BS	BP021227.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Pyridine-d5	40	23.90	60		20	120
			Phenol-d5	40	25.05	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.08	58		25	120
			2-Chlorophenol-d4	40	25.71	64		20	130
			4-Methylphenol-d8	40	23.89	60		25	125
			Nitrobenzene-d5	40	27.13	68		20	125
			2-Nitrophenol-d4	40	28.10	70		20	130
			2,4-Dichlorophenol-d3	40	28.05	70		20	120
			4-Chloroaniline-d4	40	25.31	63		1	146
			Dimethylphthalate-d6	40	28.39	71		25	130
			Acenaphthylene-d8	40	27.55	69		10	130
			4-Nitrophenol-d4	40	40.00	100		10	150
			Fluorene-d10	40	29.92	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.66	74		10	130
			Anthracene-d10	40	28.37	71		25	130
			Pyrene-d10	40	24.39	61		15	130
			Benzo(a)pyrene-d12	40	29.59	74		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3347-03DL2	C0AW5DL2	BP021209.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	34.20	86		25	120
			2-Chlorophenol-d4	40	30.40	76		20	130
			4-Methylphenol-d8	40	22.20	56		25	125
			Nitrobenzene-d5	40	32.90	82		20	125
			2-Nitrophenol-d4	40	33.50	84		20	130
			2,4-Dichlorophenol-d3	40	37.70	94		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	45.00	113		25	130
			Acenaphthylene-d8	40	39.80	100		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	48.30	121		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	53.10	133	*	25	130
			Pyrene-d10	40	43.80	110		15	130
			Benzo(a)pyrene-d12	40	47.60	119		20	130

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3336-01	F7E87	BP021229.D	Pyridine-d5	40	5.14	13	*	20	120
			1,4-Dioxane-d8	8	4.05	51		15	120
			Phenol-d5	40	6.51	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.44	56		25	120
			2-Chlorophenol-d4	40	22.58	56		20	130
			4-Methylphenol-d8	40	14.47	36		25	125
			Nitrobenzene-d5	40	26.17	65		20	125
			2-Nitrophenol-d4	40	26.07	65		20	130
			2,4-Dichlorophenol-d3	40	24.18	60		20	120
			4-Chloroaniline-d4	40	16.06	40		1	146
			Dimethylphthalate-d6	40	28.43	71		25	130
			Acenaphthylene-d8	40	27.12	68		10	130
			4-Nitrophenol-d4	40	7.01	18		10	150
			Fluorene-d10	40	29.73	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.80	75		10	130
			Anthracene-d10	40	32.78	82		25	130
			Pyrene-d10	40	28.41	71		15	130
			Benzo(a)pyrene-d12	40	34.74	87		20	130
PB162296BL	PB162296BL	BP021207.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	24.26	61		20	120
			Phenol-d5	40	23.74	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.92	62		25	120
			2-Chlorophenol-d4	40	24.41	61		20	130
			4-Methylphenol-d8	40	23.16	58		25	125
			Nitrobenzene-d5	40	25.92	65		20	125
			2-Nitrophenol-d4	40	25.23	63		20	130
			2,4-Dichlorophenol-d3	40	22.51	56		20	120
			4-Chloroaniline-d4	40	25.07	63		1	146
			Dimethylphthalate-d6	40	26.55	66		25	130
			Acenaphthylene-d8	40	26.38	66		10	130
			4-Nitrophenol-d4	40	22.93	57		10	150
			Fluorene-d10	40	27.36	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.35	51		10	130
			Anthracene-d10	40	28.31	71		25	130
			Pyrene-d10	40	23.59	59		15	130
			Benzo(a)pyrene-d12	40	28.20	70		20	130
PB162296BS	PB162296BS	BP021208.D	1,4-Dioxane-d8	8	6.40	80		15	120
			Pyridine-d5	40	26.86	67		20	120
			Phenol-d5	40	28.07	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.70	69		25	120
			2-Chlorophenol-d4	40	27.61	69		20	130
			4-Methylphenol-d8	40	27.10	68		25	125
			Nitrobenzene-d5	40	29.09	73		20	125
			2-Nitrophenol-d4	40	29.57	74		20	130
			2,4-Dichlorophenol-d3	40	29.28	73		20	120
			4-Chloroaniline-d4	40	26.44	66		1	146
			Dimethylphthalate-d6	40	29.69	74		25	130
			Acenaphthylene-d8	40	29.44	74		10	130
			4-Nitrophenol-d4	40	39.84	100		10	150

Surrogate Summary

SW-846

SDG No.: BP072924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162296BS	PB162296BS	BP021208.D	Fluorene-d10	40	30.50	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.17	73		10	130
			Anthracene-d10	40	29.86	75		25	130
			Pyrene-d10	40	28.99	72		15	130
			Benzo(a)pyrene-d12	40	30.58	76		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072924

Lab Code: CHEM

SAS No.: BP072924 SDG NO.: BP072924

Lab File ID: BP021205.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_P

DFTPP Injection Time: 11:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.6 (19.5) 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
SSTD020711	SSTDCCC020	BP021206.D	07/29/2024	12:05
SBLK296	PB162296BL	BP021207.D	07/29/2024	12:48
SLCS296	PB162296BS	BP021208.D	07/29/2024	13:30
C0AW5DL2	P3347-03DL2	BP021209.D	07/29/2024	14:13
E1GE8	P3300-12	BP021210.D	07/29/2024	14:55
E1GE9	P3300-13	BP021211.D	07/29/2024	15:38
F7E83	P3301-01	BP021212.D	07/29/2024	16:21
SLCS210	PB162210BS	BP021213.D	07/29/2024	17:05
SLCS189	PB162189BS	BP021214.D	07/29/2024	17:50
SSTD020712	SSTDCCC020	BP021215.D	07/29/2024	19:18
SBLK210	PB162210BL	BP021216.D	07/29/2024	20:01
SBLK189	PB162189BL	BP021217.D	07/29/2024	20:46
YDZE1	P3280-07	BP021218.D	07/29/2024	21:29
YDZJ1	P3280-12	BP021219.D	07/29/2024	22:13
YDZJ2	P3280-13	BP021220.D	07/29/2024	22:57
YDZH7	P3280-08	BP021221.D	07/29/2024	23:41
YDZH7MS	P3280-09MS	BP021222.D	07/30/2024	00:24
YDZH7MSD	P3280-10MSD	BP021223.D	07/30/2024	01:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072924

Lab Code: CHEM

SAS No.: BP072924

SDG NO.: BP072924

Lab File ID: BP021205.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_P

DFTPP Injection Time: 11:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.6 (19.5) 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
YDZH8	P3280-11	BP021224.D	07/30/2024	01:51
E1G92	P3300-10	BP021225.D	07/30/2024	02:34
E1G65	P3300-11	BP021226.D	07/30/2024	03:18
SLCS215	PB162215BS	BP021227.D	07/30/2024	04:01
SLCS202	PB162202BS	BP021228.D	07/30/2024	04:44
F7E87	P3336-01	BP021229.D	07/30/2024	05:28
SSTD020713	SSTDCCC020EC	BP021230.D	07/30/2024	06:54