

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:09:54

Lab File ID: BP021121.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020702 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	0.461	0.010	-4.6457	40.0
Benzaldehyde	0.822	0.951	0.010	15.7009	40.0
Pyridine	1.312	1.252	0.010	-4.6346	40.0
Phenol	1.650	1.580	0.080	-4.2552	20.0
Bis(2-Chloroethyl)ether	1.363	1.263	0.100	-7.3397	20.0
2-Chlorophenol	1.346	1.286	0.200	-4.4569	20.0
2-Methylphenol	1.276	1.240	0.010	-2.8556	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.793	0.010	-8.9506	40.0
Acetophenone	2.090	1.991	0.060	-4.7352	20.0
4-Methylphenol	1.367	1.313	0.010	-3.956	20.0
N-Nitroso-di-n-propylamine	1.095	0.990	0.050	-9.6104	30.0
Hexachloroethane	0.605	0.541	0.100	-10.5711	20.0
Nitrobenzene	0.372	0.365	0.050	-2.0233	25.0
Isophorone	0.740	0.710	0.050	-3.9674	25.0
2-Nitrophenol	0.185	0.191	0.050	3.0472	25.0
2,4-Dimethylphenol	0.366	0.365	0.050	-0.0856	25.0
Bis(2-Chloroethoxy)methane	0.450	0.419	0.050	-6.7142	20.0
2,4-Dichlorophenol	0.317	0.316	0.060	-0.3656	20.0
Naphthalene	1.052	1.013	0.200	-3.661	20.0
4-Chloroaniline	0.407	0.338	0.010	-16.7932	40.0
Hexachlorobutadiene	0.238	0.227	0.040	-4.4655	30.0
Caprolactam	0.098	0.119	0.010	21.6567	40.0
4-Chloro-3-methylphenol	0.344	0.357	0.040	3.7431	25.0
1-Methylnaphthalene	0.743	0.715	0.100	-3.7561	20.0
2-Methylnaphthalene	0.722	0.691	0.100	-4.3026	20.0
Hexachlorocyclopentadiene	0.340	0.533	0.010	56.9762	40.0
2,4,6-Trichlorophenol	0.410	0.409	0.090	-0.2983	25.0
2,4,5-Trichlorophenol	0.434	0.430	0.100	-1.0614	25.0
1,1-Biphenyl	1.462	1.341	0.200	-8.2402	20.0
2-Chloronaphthalene	1.167	1.087	0.300	-6.8398	20.0
2-Nitroaniline	0.323	0.350	0.050	8.5739	40.0
Dimethylphthalate	1.475	1.468	0.300	-0.4999	20.0
2,6-Dinitrotoluene	0.295	0.311	0.080	5.6025	30.0
Acenaphthylene	1.848	1.754	0.400	-5.0978	20.0
3-Nitroaniline	0.257	0.172	0.010	-32.891	40.0
Acenaphthene	1.227	1.167	0.200	-4.8723	20.0
2,4-Dinitrophenol	0.155	0.231	0.010	49.0824	40.0
4-Nitrophenol	0.168	0.219	0.010	30.4423	40.0
Dibenzofuran	1.680	1.637	0.300	-2.536	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:09:54

Lab File ID: BP021121.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020702 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	0.449	0.070	10.8482	30.0
Diethylphthalate	1.474	1.498	0.300	1.6054	20.0
Fluorene	1.371	1.368	0.200	-0.1827	20.0
4-Chlorophenyl-phenylether	0.744	0.719	0.100	-3.3873	20.0
4-Nitroaniline	0.213	0.160	0.010	-24.87	40.0
4,6-Dinitro-2-methylphenol	0.128	0.115	0.010	-10.6608	40.0
N-Nitrosodiphenylamine	0.582	0.529	0.050	-9.2333	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.617	0.100	-5.0655	20.0
4-Bromophenyl-phenylether	0.234	0.213	0.070	-9.0464	20.0
Hexachlorobenzene	0.269	0.248	0.050	-7.7466	25.0
Atrazine	0.212	0.219	0.010	3.3848	25.0
Pentachlorophenol	0.146	0.133	0.010	-8.8547	40.0
Phenanthrene	1.038	0.979	0.200	-5.642	20.0
Pentachlorobenzene	0.318	0.271	0.050	-14.8794	20.0
Anthracene	1.058	1.015	0.200	-4.0478	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.262	0.050	-18.2566	20.0
Carbazole	0.865	0.938	0.050	8.5376	40.0
Di-n-butylphthalate	1.193	1.197	0.500	0.3471	25.0
Fluoranthene	1.493	1.120	0.400	-24.9981	25.0
Pyrene	1.520	1.165	0.400	-23.318	25.0
Butylbenzylphthalate	0.633	0.530	0.100	-16.3309	40.0
3,3-Dichlorobenzidine	0.457	0.116	0.010	-74.6028	40.0
Benzo (a) anthracene	1.401	1.315	0.300	-6.125	30.0
Chrysene	1.302	1.239	0.200	-4.8462	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.815	0.200	-10.5313	40.0
Di-n-octyl phthalate	1.321	1.168	0.010	-11.6246	40.0
Benzo (b) fluoranthene	1.214	1.124	0.200	-7.3786	25.0
Benzo (k) fluoranthene	1.211	1.116	0.200	-7.8423	25.0
Benzo (a) pyrene	1.147	1.070	0.200	-6.7177	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.322	0.200	-10.551	25.0
Dibenzo (a,h) anthracene	1.224	1.098	0.200	-10.2767	30.0
Benzo (g,h,i) perylene	1.204	1.037	0.200	-13.838	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.358	0.040	-3.63	20.0
1,4-Dioxane-d8	0.440	0.409	0.010	-6.997	25.0
Pyridine-d5	1.272	1.219	0.010	-4.2143	40.0
Phenol-d5	1.631	1.592	0.010	-2.3714	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.929	0.050	-5.9391	25.0
2-Chlorophenol-d4	1.343	1.305	0.200	-2.8523	20.0
4-Methylphenol-d8	1.354	1.308	0.010	-3.449	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424
 Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:09:54
 Lab File ID: BP021121.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020702 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.159	0.050	2.4718	20.0
2-Nitrophenol-d4	0.178	0.185	0.050	3.8465	30.0
2,4-Dichlorophenol-d3	0.322	0.323	0.060	0.4955	20.0
4-Chloroaniline-d4	0.426	0.344	0.010	-19.1984	40.0
Dimethylphthalate-d6	1.454	1.452	0.300	-0.1407	20.0
Acenaphthylene-d8	1.633	1.585	0.400	-2.8836	20.0
4-Nitrophenol-d4	0.207	0.307	0.010	48.4888	40.0
Fluorene-d10	1.193	1.205	0.100	1.0395	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.111	0.010	-7.9069	40.0
Anthracene-d10	0.888	0.865	0.300	-2.5757	20.0
Pyrene-d10	1.236	0.952	0.300	-23.0202	25.0
Benzo(a)pyrene-d12	0.986	0.940	0.010	-4.7311	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.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:16:20

Lab File ID: BP021129.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020703 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	0.469	0.010	-2.914	40.0
Benzaldehyde	0.822	0.924	0.010	12.4324	40.0
Pyridine	1.312	1.252	0.010	-4.5785	40.0
Phenol	1.650	1.515	0.080	-8.1719	20.0
Bis(2-Chloroethyl)ether	1.363	1.243	0.100	-8.8141	20.0
2-Chlorophenol	1.346	1.267	0.200	-5.8938	20.0
2-Methylphenol	1.276	1.163	0.010	-8.8352	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.724	0.010	-12.4762	40.0
Acetophenone	2.090	1.871	0.060	-10.4762	20.0
4-Methylphenol	1.367	1.222	0.010	-10.6085	20.0
N-Nitroso-di-n-propylamine	1.095	0.911	0.050	-16.7779	30.0
Hexachloroethane	0.605	0.547	0.100	-9.5304	20.0
Nitrobenzene	0.372	0.354	0.050	-4.802	25.0
Isophorone	0.740	0.665	0.050	-10.1072	25.0
2-Nitrophenol	0.185	0.183	0.050	-1.4639	25.0
2,4-Dimethylphenol	0.366	0.343	0.050	-6.2415	25.0
Bis(2-Chloroethoxy)methane	0.450	0.405	0.050	-10.0446	20.0
2,4-Dichlorophenol	0.317	0.300	0.060	-5.2776	20.0
Naphthalene	1.052	0.993	0.200	-5.5661	20.0
4-Chloroaniline	0.407	0.382	0.010	-6.1897	40.0
Hexachlorobutadiene	0.238	0.226	0.040	-4.8916	30.0
Caprolactam	0.098	0.092	0.010	-5.9177	40.0
4-Chloro-3-methylphenol	0.344	0.316	0.040	-8.2005	25.0
1-Methylnaphthalene	0.743	0.680	0.100	-8.3847	20.0
2-Methylnaphthalene	0.722	0.664	0.100	-8.0198	20.0
Hexachlorocyclopentadiene	0.340	0.402	0.010	18.4067	40.0
2,4,6-Trichlorophenol	0.410	0.405	0.090	-1.3017	25.0
2,4,5-Trichlorophenol	0.434	0.418	0.100	-3.6987	25.0
1,1-Biphenyl	1.462	1.377	0.200	-5.7914	20.0
2-Chloronaphthalene	1.167	1.121	0.300	-3.9201	20.0
2-Nitroaniline	0.323	0.321	0.050	-0.6723	40.0
Dimethylphthalate	1.475	1.356	0.300	-8.0598	20.0
2,6-Dinitrotoluene	0.295	0.279	0.080	-5.4466	30.0
Acenaphthylene	1.848	1.756	0.400	-5.0171	20.0
3-Nitroaniline	0.257	0.277	0.010	7.8879	40.0
Acenaphthene	1.227	1.163	0.200	-5.1834	20.0
2,4-Dinitrophenol	0.155	0.158	0.010	2.0092	40.0
4-Nitrophenol	0.168	0.165	0.010	-1.898	40.0
Dibenzofuran	1.680	1.585	0.300	-5.6279	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:16:20

Lab File ID: BP021129.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020703 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	0.395	0.070	-2.3424	30.0
Diethylphthalate	1.474	1.331	0.300	-9.7299	20.0
Fluorene	1.371	1.271	0.200	-7.2901	20.0
4-Chlorophenyl-phenylether	0.744	0.685	0.100	-7.9824	20.0
4-Nitroaniline	0.213	0.253	0.010	18.8963	40.0
4,6-Dinitro-2-methylphenol	0.128	0.097	0.010	-24.5751	40.0
N-Nitrosodiphenylamine	0.582	0.553	0.050	-5.0013	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.635	0.100	-2.2555	20.0
4-Bromophenyl-phenylether	0.234	0.217	0.070	-7.4684	20.0
Hexachlorobenzene	0.269	0.253	0.050	-5.7772	25.0
Atrazine	0.212	0.204	0.010	-3.7297	25.0
Pentachlorophenol	0.146	0.129	0.010	-11.7758	40.0
Phenanthrene	1.038	0.998	0.200	-3.8065	20.0
Pentachlorobenzene	0.318	0.305	0.050	-4.2641	20.0
Anthracene	1.058	1.004	0.200	-5.0983	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.313	0.050	-2.3045	20.0
Carbazole	0.865	0.862	0.050	-0.3531	40.0
Di-n-butylphthalate	1.193	1.105	0.500	-7.3585	25.0
Fluoranthene	1.493	1.388	0.400	-7.0491	25.0
Pyrene	1.520	1.392	0.400	-8.3999	25.0
Butylbenzylphthalate	0.633	0.551	0.100	-12.975	40.0
3,3-Dichlorobenzidine	0.457	0.401	0.010	-12.17	40.0
Benzo (a) anthracene	1.401	1.307	0.300	-6.7256	30.0
Chrysene	1.302	1.230	0.200	-5.553	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.735	0.200	-19.3171	40.0
Di-n-octyl phthalate	1.321	0.983	0.010	-25.599	40.0
Benzo (b) fluoranthene	1.214	1.084	0.200	-10.6944	25.0
Benzo (k) fluoranthene	1.211	1.092	0.200	-9.8742	25.0
Benzo (a) pyrene	1.147	1.068	0.200	-6.8797	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.460	0.200	-1.2088	25.0
Dibenzo (a,h) anthracene	1.224	1.198	0.200	-2.1318	30.0
Benzo (g,h,i) perylene	1.204	1.208	0.200	0.3381	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.332	0.040	-10.755	20.0
1,4-Dioxane-d8	0.440	0.435	0.010	-1.1085	25.0
Pyridine-d5	1.272	1.189	0.010	-6.5617	40.0
Phenol-d5	1.631	1.507	0.010	-7.5706	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.902	0.050	-8.6768	25.0
2-Chlorophenol-d4	1.343	1.286	0.200	-4.2416	20.0
4-Methylphenol-d8	1.354	1.206	0.010	-10.9338	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424
 Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:16:20
 Lab File ID: BP021129.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020703 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.153	0.050	-1.3334	20.0
2-Nitrophenol-d4	0.178	0.175	0.050	-1.6654	30.0
2,4-Dichlorophenol-d3	0.322	0.309	0.060	-4.0232	20.0
4-Chloroaniline-d4	0.426	0.403	0.010	-5.2763	40.0
Dimethylphthalate-d6	1.454	1.348	0.300	-7.3058	20.0
Acenaphthylene-d8	1.633	1.576	0.400	-3.4415	20.0
4-Nitrophenol-d4	0.207	0.243	0.010	17.389	40.0
Fluorene-d10	1.193	1.130	0.100	-5.2581	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.092	0.010	-23.8436	40.0
Anthracene-d10	0.888	0.871	0.300	-1.911	20.0
Pyrene-d10	1.236	1.130	0.300	-8.6148	25.0
Benzo(a)pyrene-d12	0.986	0.945	0.010	-4.201	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.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/25/2024 1:00:33

Lab File ID: BP021138.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020704 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	0.476	0.010	-1.5038	50.0
Benzaldehyde	0.822	0.934	0.010	13.628	50.0
Pyridine	1.312	1.271	0.010	-3.1299	50.0
Phenol	1.650	1.472	0.080	-10.7594	50.0
Bis(2-Chloroethyl)ether	1.363	1.214	0.100	-10.9101	50.0
2-Chlorophenol	1.346	1.273	0.200	-5.4857	50.0
2-Methylphenol	1.276	1.136	0.010	-10.9888	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.701	0.010	-13.6056	50.0
Acetophenone	2.090	1.826	0.060	-12.6529	50.0
4-Methylphenol	1.367	1.190	0.010	-12.942	50.0
N-Nitroso-di-n-propylamine	1.095	0.884	0.050	-19.3117	50.0
Hexachloroethane	0.605	0.550	0.100	-9.1633	50.0
Nitrobenzene	0.372	0.370	0.050	-0.4727	50.0
Isophorone	0.740	0.645	0.050	-12.7449	50.0
2-Nitrophenol	0.185	0.183	0.050	-1.4726	50.0
2,4-Dimethylphenol	0.366	0.344	0.050	-5.924	50.0
Bis(2-Chloroethoxy)methane	0.450	0.399	0.050	-11.173	50.0
2,4-Dichlorophenol	0.317	0.304	0.060	-4.1995	50.0
Naphthalene	1.052	1.004	0.200	-4.5752	50.0
4-Chloroaniline	0.407	0.378	0.010	-7.1598	50.0
Hexachlorobutadiene	0.238	0.227	0.040	-4.3477	50.0
Caprolactam	0.098	0.089	0.010	-8.4826	50.0
4-Chloro-3-methylphenol	0.344	0.309	0.040	-10.2198	50.0
1-Methylnaphthalene	0.743	0.677	0.100	-8.8029	50.0
2-Methylnaphthalene	0.722	0.652	0.100	-9.6527	50.0
Hexachlorocyclopentadiene	0.340	0.329	0.010	-3.1351	50.0
2,4,6-Trichlorophenol	0.410	0.398	0.090	-2.9483	50.0
2,4,5-Trichlorophenol	0.434	0.422	0.100	-2.7272	50.0
1,1-Biphenyl	1.462	1.396	0.200	-4.5061	50.0
2-Chloronaphthalene	1.167	1.148	0.300	-1.5927	50.0
2-Nitroaniline	0.323	0.321	0.050	-0.3987	50.0
Dimethylphthalate	1.475	1.378	0.300	-6.6191	50.0
2,6-Dinitrotoluene	0.295	0.286	0.080	-2.9058	50.0
Acenaphthylene	1.848	1.799	0.400	-2.6863	50.0
3-Nitroaniline	0.257	0.284	0.010	10.8268	50.0
Acenaphthene	1.227	1.200	0.200	-2.1598	50.0
2,4-Dinitrophenol	0.155	0.180	0.010	16.2367	50.0
4-Nitrophenol	0.168	0.176	0.010	4.3312	50.0
Dibenzofuran	1.680	1.637	0.300	-2.5575	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/25/2024 1:00:33

Lab File ID: BP021138.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020704 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	0.410	0.070	1.2458	50.0
Diethylphthalate	1.474	1.331	0.300	-9.7283	50.0
Fluorene	1.371	1.321	0.200	-3.6152	50.0
4-Chlorophenyl-phenylether	0.744	0.697	0.100	-6.2582	50.0
4-Nitroaniline	0.213	0.261	0.010	22.7509	50.0
4,6-Dinitro-2-methylphenol	0.128	0.118	0.010	-8.3365	50.0
N-Nitrosodiphenylamine	0.582	0.540	0.050	-7.3281	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.651	0.100	0.1973	50.0
4-Bromophenyl-phenylether	0.234	0.216	0.070	-7.9841	50.0
Hexachlorobenzene	0.269	0.259	0.050	-3.6717	50.0
Atrazine	0.212	0.203	0.010	-4.2054	50.0
Pentachlorophenol	0.146	0.135	0.010	-7.734	50.0
Phenanthrene	1.038	0.994	0.200	-4.2217	50.0
Pentachlorobenzene	0.318	0.304	0.050	-4.5142	50.0
Anthracene	1.058	1.019	0.200	-3.6895	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.311	0.050	-2.9247	50.0
Carbazole	0.865	0.895	0.050	3.5321	50.0
Di-n-butylphthalate	1.193	1.080	0.500	-9.5008	50.0
Fluoranthene	1.493	1.249	0.400	-16.3494	50.0
Pyrene	1.520	1.280	0.400	-15.7516	50.0
Butylbenzylphthalate	0.633	0.497	0.100	-21.4662	50.0
3,3-Dichlorobenzidine	0.457	0.462	0.010	1.016	50.0
Benzo (a) anthracene	1.401	1.335	0.300	-4.716	50.0
Chrysene	1.302	1.245	0.200	-4.3949	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.696	0.200	-23.5777	50.0
Di-n-octyl phthalate	1.321	0.926	0.010	-29.8987	50.0
Benzo (b) fluoranthene	1.214	1.106	0.200	-8.8413	50.0
Benzo (k) fluoranthene	1.211	1.090	0.200	-10.0102	50.0
Benzo (a) pyrene	1.147	1.072	0.200	-6.5648	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.448	0.200	-2.0229	50.0
Dibenzo (a,h) anthracene	1.224	1.191	0.200	-2.7008	50.0
Benzo (g,h,i) perylene	1.204	1.175	0.200	-2.3996	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.338	0.040	-9.1652	50.0
1,4-Dioxane-d8	0.440	0.452	0.010	2.798	50.0
Pyridine-d5	1.272	1.199	0.010	-5.7846	50.0
Phenol-d5	1.631	1.489	0.010	-8.6721	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.888	0.050	-10.1112	50.0
2-Chlorophenol-d4	1.343	1.263	0.200	-5.9539	50.0
4-Methylphenol-d8	1.354	1.188	0.010	-12.2805	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG No.: BP072424

Instrument ID: BNA_P Calibration Date/Time: 7/25/2024 1:00:33

Lab File ID: BP021138.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020704 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.155	0.050	0.03	50.0
2-Nitrophenol-d4	0.178	0.177	0.050	-0.3707	50.0
2,4-Dichlorophenol-d3	0.322	0.307	0.060	-4.3615	50.0
4-Chloroaniline-d4	0.426	0.398	0.010	-6.5859	50.0
Dimethylphthalate-d6	1.454	1.366	0.300	-6.0433	50.0
Acenaphthylene-d8	1.633	1.617	0.400	-0.9667	50.0
4-Nitrophenol-d4	0.207	0.249	0.010	20.5526	50.0
Fluorene-d10	1.193	1.152	0.100	-3.4213	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.111	0.010	-7.9237	50.0
Anthracene-d10	0.888	0.874	0.300	-1.6237	50.0
Pyrene-d10	1.236	1.047	0.300	-15.3344	50.0
Benzo(a)pyrene-d12	0.986	0.940	0.010	-4.7282	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK098	SDG No.:	BP072424
Lab Sample ID:	PB162098BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021122.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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:	SBLK098	SDG No.:	BP072424
Lab Sample ID:	PB162098BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021122.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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:	SBLK098	SDG No.:	BP072424
Lab Sample ID:	PB162098BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021122.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.055		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	27.379		20-120		68	SPK: -40
4165-62-2	Phenol-d5	29.484		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.883		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.75		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.102		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	31.22		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.77		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.134		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.841		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.416		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.867		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.462		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	32.469		20-140		81	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:	SBLK098	SDG No.:	BP072424
Lab Sample ID:	PB162098BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021122.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.328		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	31.887		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	29.559		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.315		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203553	7.646				
1146-65-2	Naphthalene-d8	805791	10.41				
15067-26-2	Acenaphthene-d10	524259	14.287				
1517-22-2	Phenanthrene-d10	1117212	17.104				
1719-03-5	Chrysene-d12	1054598	21.563				
1520-96-3	Perylene-d12	1163889	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			18.033	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0DL	SDG No.:	BP072424
Lab Sample ID:	P3244-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021123.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	JD	1.75	2.5	10	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	120	D	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	7	U	7	12.5	25	ug/L
78-59-1	Isophorone	8.5	U	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	150	D	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	41	D	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	25	D	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	100	D	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	130	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0DL	SDG No.:	BP072424
Lab Sample ID:	P3244-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021123.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	9.5	U	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	U	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0DL	SDG No.:	BP072424
Lab Sample ID:	P3244-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021123.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.5	U	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.105		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	15.16		20-120		38	SPK: -40
4165-62-2	Phenol-d5	8.105		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.585		25-120		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.99		20-130		42	SPK: -40
190780-66-6	4-Methylphenol-d8	14.925		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.86		20-125		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.38		20-130		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.205		20-120		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.34		25-130		41	SPK: -40
93951-97-4	Acenaphthylene-d8	15.885		10-130		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.675		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	17.31		25-125		43	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0DL	SDG No.:	BP072424
Lab Sample ID:	P3244-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021123.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.955		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	16.975		25-130		42	SPK: -40
1718-52-1	Pyrene-d10	14.55		15-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.33		20-130		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173542	7.646				
1146-65-2	Naphthalene-d8	664250	10.416				
15067-26-2	Acenaphthene-d10	417469	14.293				
1517-22-2	Phenanthrene-d10	894901	17.11				
1719-03-5	Chrysene-d12	954293	21.551				
1520-96-3	Perylene-d12	1219965	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	81	JD			3.728	
000108-38-3	Benzene, 1,3-dimethyl-	58	JD			5.317	
000108-93-0	Cyclohexanol	25	JD			5.575	
000611-14-3	Benzene, 1-ethyl-2-methyl-	29	JD			6.734	
000620-14-4	Benzene, 1-ethyl-3-methyl-	14	JD			6.793	
000470-82-6	Eucalyptol	31	JD			7.928	
001195-79-5	Fenchone	49	JD			8.863	
000576-26-1	Phenol, 2,6-dimethyl-	32	JD			9.075	
005114-00-1	Cyclohexanemethanol, .alpha.,.alph	110	JD			9.787	
000464-49-3	(+)-2-Bornanone	110	JD			9.84	
000108-68-9	Phenol, 3,5-dimethyl-	68	JD			9.934	
000095-65-8	Phenol, 3,4-dimethyl-	31	JD			10.322	
000118-90-1	Benzoic acid, 2-methyl-	24	JD			10.981	
000099-04-7	Benzoic acid, 3-methyl-	47	JD			11.281	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	20	JD			13.322	
000581-40-8	Naphthalene, 2,3-dimethyl-	26	JD			13.604	
000098-73-7	Benzoic acid, p-tert-butyl-	35	JD			14.134	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0DL	SDG No.:	BP072424
Lab Sample ID:	P3244-01DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021123.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	41	JD			14.84	
000134-62-3	Diethyltoluamide	39	JD			15.057	
002198-53-0	Acetamide, N-(2,6-dimethylphenyl)-	27	JD			16.075	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	40	JD			16.175	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	70	JD			16.228	
024518-48-7	4-(7-Methyloctyl)phenol	45	JD			16.287	
000088-60-8	Phenol, 2-(1,1-dimethylethyl)-5-me	21	JD			16.328	
000537-92-8	Acetamide, N-(3-methylphenyl)-	40	JD			16.498	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	38	JD			16.563	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	24	JD			16.64	
000103-89-9	Acetamide, N-(4-methylphenyl)-	25	JD			17.828	
003056-64-2	4-tert-Butylphenyl acetate	37	JD			17.975	
000057-10-3	n-Hexadecanoic acid	44	JD			18.039	
E966796	Total Alkanes	5.5	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2DL	SDG No.:	BP072424
Lab Sample ID:	P3244-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021124.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	D	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	170	D	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	18	JD	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	7	U	7	12.5	25	ug/L
78-59-1	Isophorone	8.5	U	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	150	D	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	66	D	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	23	JD	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	170	D	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	190	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2DL	SDG No.:	BP072424
Lab Sample ID:	P3244-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021124.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	9.5	U	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	U	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2DL	SDG No.:	BP072424
Lab Sample ID:	P3244-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021124.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.5	U	7.5	12.5	25	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	10.66		20-120		27	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.775		15-120		60	SPK: -8
4165-62-2	Phenol-d5	7.7		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.15		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.845		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	15.065		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	21.79		20-125		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.08		20-130		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.75		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.18		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.805		10-130		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.875		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	22.27		25-125		56	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2DL	SDG No.:	BP072424
Lab Sample ID:	P3244-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021124.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.425		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.09		25-130		55	SPK: -40
1718-52-1	Pyrene-d10	22.09		15-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.225		20-130		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216962	7.652				
1146-65-2	Naphthalene-d8	851302	10.428				
15067-26-2	Acenaphthene-d10	560309	14.293				
1517-22-2	Phenanthrene-d10	1144069	17.104				
1719-03-5	Chrysene-d12	937541	21.557				
1520-96-3	Perylene-d12	1000107	24.869				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	32	JD			3.74	
000620-14-4	Benzene, 1-ethyl-3-methyl-	48	JD			6.752	
000526-73-8	Benzene, 1,2,3-trimethyl-	87	JD			7.293	
000470-82-6	Eucalyptol	190	JD			7.94	
001195-79-5	Fenchone	190	JD			8.869	
001632-73-1	Fenchol	36	JD			9.352	
000498-81-7	Cyclohexanemethanol, .alpha.,.alph	770	JD			9.799	
000464-49-3	(+)-2-Bornanone	330	JD			9.84	
000108-68-9	Phenol, 3,5-dimethyl-	62	JD			9.94	
000507-70-0	endo-Borneol	28	JD			10.199	
038651-65-9	Bicyclo[3.1.1]heptan-2-one, 6,6-di	50	JD			10.793	
054840-34-5	Hydrazine, 1-(4-ethylphenyl)-	23	JD			10.975	
000698-71-5	Phenol, 3-ethyl-5-methyl-	54	JD			11.269	
	unknown-01	56	JD			12.657	
000089-83-8	Thymol	29	JD			12.704	
000575-43-9	Naphthalene, 1,6-dimethyl-	31	JD			13.446	
000581-42-0	Naphthalene, 2,6-dimethyl-	48	JD			13.593	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2DL	SDG No.:	BP072424
Lab Sample ID:	P3244-02DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021124.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000098-73-7	Benzoic acid, p-tert-butyl-	37	JD			14.146	
025080-84-6	Benzenepropanoic acid, .beta.,.bet	29	JD			14.851	
000134-62-3	Diethyltoluamide	54	JD			15.051	
002446-69-7	Phenol, 4-hexyl-	32	JD			15.146	
002198-54-1	3,4-Acetoxyide	30	JD			16.075	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	47	JD			16.157	
	unknown-02	80	JD			16.216	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	50	JD			16.287	
000088-60-8	Phenol, 2-(1,1-dimethylethyl)-5-me	26	JD			16.334	
000537-92-8	Acetamide, N-(3-methylphenyl)-	52	JD			16.487	
1000373-45-3	4-(1,1-Dimethylpropyl)phenyl aceta	47	JD			16.557	
	unknown-03	30	JD			16.634	
000057-10-3	n-Hexadecanoic acid	29	JD			18.034	
E966796	Total Alkanes	5.5	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4DL	SDG No.:	BP072424
Lab Sample ID:	P3244-03DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021125.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	D	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7	U	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.5	U	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.5	U	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	5.5	U	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	7	U	7	12.5	25	ug/L
78-59-1	Isophorone	8.5	U	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	160	D	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.5	U	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	99	D	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	7.5	U	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	31	D	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	270	D	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	370	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4DL	SDG No.:	BP072424
Lab Sample ID:	P3244-03DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021125.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.9	JD	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	5.5	U	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	6	U	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	5.5	U	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.5	U	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	6.5	U	6.5	12.5	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.5	U	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	6	U	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	9.5	U	9.5	25	50	ug/L
85-01-8	Phenanthrene	6	JD	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	5.5	U	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	9.5	U	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	9.5	U	9.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4DL	SDG No.:	BP072424
Lab Sample ID:	P3244-03DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021125.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	5.5	U	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	7	U	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	7	U	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	5.5	U	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7	U	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5	U	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6	U	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.5	U	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.6		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	18.72		20-120		47	SPK: -40
4165-62-2	Phenol-d5	7.275		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.625		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.81		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	15.17		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	30.495		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.455		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.7		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.34		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.08		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.99		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.3		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	30.19		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4DL	SDG No.:	BP072424
Lab Sample ID:	P3244-03DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021125.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.43		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	30.865		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.345		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.31		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207800	7.658				
1146-65-2	Naphthalene-d8	792110	10.428				
15067-26-2	Acenaphthene-d10	503506	14.293				
1517-22-2	Phenanthrene-d10	1010785	17.11				
1719-03-5	Chrysene-d12	789934	21.563				
1520-96-3	Perylene-d12	867862	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	23	JD			6.64	
000611-14-3	Benzene, 1-ethyl-2-methyl-	95	JD			6.746	
000622-96-8	Benzene, 1-ethyl-4-methyl-	56	JD			6.805	
000526-73-8	Benzene, 1,2,3-trimethyl-	210	JD			7.299	
001653-37-8	2-Dodecanol, 2-methyl-	24	JD			7.558	
000470-82-6	Eucalyptol	75	JD			7.946	
000105-05-5	Benzene, 1,4-diethyl-	64	JD			8.275	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	50	JD			8.734	
001195-79-5	Fenchone	230	JD			8.875	
007322-63-6	Cyclohexanemethanol, .alpha.,.alph	500	JD			9.799	
000464-49-3	(+)-2-Bornanone	640	JD			9.846	
000108-68-9	Phenol, 3,5-dimethyl-	140	JD			9.94	
000585-74-0	Ethanone, 1-(3-methylphenyl)-	50	JD			10.134	
	(DEL) Alkane: Straight-Chain10.375	26	JD			10.375	
	unknown-01	43	JD			10.74	
	unknown-02	75	JD			10.781	
	unknown-03	47	JD			10.899	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4DL	SDG No.:	BP072424
Lab Sample ID:	P3244-03DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021125.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-04	59	JD			11.069	
	unknown-05	79	JD			11.287	
	(DEL) Alkane: Straight-Chain	11.822	JD			11.822	
	(DEL) Alkane: Cyclic	12.663	JD			12.663	
	(DEL) Alkane: Straight-Chain	12.787	JD			12.787	
000582-16-1	Naphthalene, 2,7-dimethyl-	43	JD			13.44	
039627-61-7	7-Methylindan-1-one	34	JD			13.469	
000581-40-8	Naphthalene, 2,3-dimethyl-	76	JD			13.599	
006682-69-5	1H-Inden-1-one, 2,3-dihydro-5,7-di	43	JD			14.122	
	unknown-06	71	JD			14.516	
000134-62-3	Diethyltoluamide	170	JD			15.057	
084434-18-4	Gardamide	41	JD			15.146	
002198-54-1	3,4-Acetoxyide	40	JD			16.081	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	58	JD			16.163	
	unknown-07	83	JD			16.222	
024518-48-7	4-(7-Methyloctyl)phenol	58	JD			16.293	
	unknown-08	130	JD			16.51	
E966796	Total Alkanes	140	D			99	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5DL	SDG No.:	BP072424
Lab Sample ID:	P3244-04DL	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
BP021126.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	D	1.8	2.5	10	ug/L
100-52-7	Benzaldehyde	5.6	U	5.6	25.3	51	ug/L
110-86-1	Pyridine	8.6	U	8.6	50.5	51	ug/L
108-95-2	Phenol	8.1	U	8.1	25.3	51	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7.1	U	7.1	25.3	51	ug/L
95-57-8	2-Chlorophenol	4.6	U	4.6	12.6	25	ug/L
95-48-7	2-Methylphenol	14	JD	7.6	25.3	51	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.6	U	9.6	25.3	51	ug/L
98-86-2	Acetophenone	7.6	U	7.6	25.3	51	ug/L
106-44-5	4-Methylphenol	8.6	U	8.6	25.3	51	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.6	U	9.6	12.6	25	ug/L
67-72-1	Hexachloroethane	5.6	U	5.6	12.6	25	ug/L
98-95-3	Nitrobenzene	7.1	U	7.1	12.6	25	ug/L
78-59-1	Isophorone	8.6	U	8.6	12.6	25	ug/L
88-75-5	2-Nitrophenol	6.1	U	6.1	12.6	25	ug/L
105-67-9	2,4-Dimethylphenol	56	D	3.5	12.6	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.6	U	7.6	12.6	25	ug/L
120-83-2	2,4-Dichlorophenol	5.6	U	5.6	12.6	25	ug/L
91-20-3	Naphthalene	41	D	4.7	12.6	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.6	51	ug/L
87-68-3	Hexachlorobutadiene	7.6	U	7.6	12.6	25	ug/L
105-60-2	Caprolactam	13	U	13	25.3	51	ug/L
59-50-7	4-Chloro-3-methylphenol	8.1	U	8.1	12.6	25	ug/L
90-12-0	1-Methylnaphthalene	180	D	4.6	12.6	25	ug/L
91-57-6	2-Methylnaphthalene	260	D	5.6	12.6	25	ug/L
77-47-4	Hexachlorocyclopentadiene	16	U	16	25.3	51	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.6	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8.1	U	8.1	12.6	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5DL	SDG No.:	BP072424
Lab Sample ID:	P3244-04DL	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
BP021126.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.6	U	5.6	12.6	25	ug/L
91-58-7	2-Chloronaphthalene	5.6	U	5.6	12.6	25	ug/L
88-74-4	2-Nitroaniline	9.1	U	9.1	12.6	25	ug/L
131-11-3	Dimethylphthalate	5.6	U	5.6	12.6	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.6	U	8.6	12.6	25	ug/L
208-96-8	Acenaphthylene	6.1	U	6.1	12.6	25	ug/L
99-09-2	3-Nitroaniline	8.1	U	8.1	25.3	51	ug/L
83-32-9	Acenaphthene	4.8	U	4.8	12.6	25	ug/L
51-28-5	2,4-Dinitrophenol	9.1	U	9.1	25.3	51	ug/L
100-02-7	4-Nitrophenol	7.1	U	7.1	25.3	51	ug/L
132-64-9	Dibenzofuran	5.6	U	5.6	12.6	25	ug/L
121-14-2	2,4-Dinitrotoluene	7.6	U	7.6	12.6	25	ug/L
84-66-2	Diethylphthalate	6.6	U	6.6	12.6	25	ug/L
86-73-7	Fluorene	4.7	U	4.7	12.6	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.6	U	5.6	12.6	25	ug/L
100-01-6	4-Nitroaniline	4.2	U	4.2	25.3	51	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25.3	51	ug/L
86-30-6	N-Nitrosodiphenylamine	6.6	U	6.6	12.6	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7.1	U	7.1	12.6	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	U	4.8	12.6	25	ug/L
118-74-1	Hexachlorobenzene	6.1	U	6.1	12.6	25	ug/L
1912-24-9	Atrazine	9.1	U	9.1	25.3	51	ug/L
87-86-5	Pentachlorophenol	9.6	U	9.6	25.3	51	ug/L
85-01-8	Phenanthrene	6.1	U	6.1	12.6	25	ug/L
608-93-5	Pentachlorobenzene	8.6	U	8.6	12.6	25	ug/L
120-12-7	Anthracene	5.6	U	5.6	12.6	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.6	U	8.6	12.6	25	ug/L
86-74-8	Carbazole	5.6	U	5.6	25.3	51	ug/L
84-74-2	Di-n-butylphthalate	9.6	U	9.6	12.6	25	ug/L
206-44-0	Fluoranthene	9.6	U	9.6	25.3	25	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5DL	SDG No.:	BP072424
Lab Sample ID:	P3244-04DL	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
BP021126.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9.1	U	9.1	12.6	25	ug/L
85-68-7	Butylbenzylphthalate	14	U	14	12.6	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7.1	U	7.1	25.3	51	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	12.6	25	ug/L
218-01-9	Chrysene	5.6	U	5.6	12.6	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	12.6	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25.3	51	ug/L
205-99-2	Benzo(b)fluoranthene	7.1	U	7.1	12.6	25	ug/L
207-08-9	Benzo(k)fluoranthene	7.1	U	7.1	12.6	25	ug/L
50-32-8	Benzo(a)pyrene	5.6	U	5.6	12.6	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.1	U	7.1	12.6	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.6	U	6.6	12.6	25	ug/L
191-24-2	Benzo(g,h,i)perylene	6.1	U	6.1	12.6	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.6	U	7.6	12.6	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.355		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	14.585		20-120		36	SPK: -40
4165-62-2	Phenol-d5	4.615		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.27		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.05		20-130		33	SPK: -40
190780-66-6	4-Methylphenol-d8	10.555		25-125		26	SPK: -40
4165-60-0	Nitrobenzene-d5	23.71		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.72		20-130		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.6		20-120		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.66		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.51		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	24.915		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	26.32		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5DL	SDG No.:	BP072424
Lab Sample ID:	P3244-04DL	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
BP021126.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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	26.79		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.45		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.25		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192107	7.658				
1146-65-2	Naphthalene-d8	731491	10.416				
15067-26-2	Acenaphthene-d10	445670	14.298				
1517-22-2	Phenanthrene-d10	858906	17.11				
1719-03-5	Chrysene-d12	719330	21.551				
1520-96-3	Perylene-d12	850540	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	50	JD			5.322	
000108-93-0	Cyclohexanol	18	JD			5.581	
000103-65-1	Benzene, propyl-	11	JD			6.634	
000620-14-4	Benzene, 1-ethyl-3-methyl-	34	JD			6.74	
000611-14-3	Benzene, 1-ethyl-2-methyl-	20	JD			6.799	
000526-73-8	Benzene, 1,2,3-trimethyl-	75	JD			7.752	
000470-82-6	Eucalyptol	53	JD			7.946	
000105-05-5	Benzene, 1,4-diethyl-	36	JD			8.275	
007787-20-4	L-Fenchone	82	JD			8.869	
000095-87-4	Phenol, 2,5-dimethyl-	35	JD			9.075	
005114-00-1	Cyclohexanemethanol, .alpha.,.alph	200	JD			9.793	
000076-22-2	Camphor	110	JD			9.846	
000108-68-9	Phenol, 3,5-dimethyl-	51	JD			9.94	
000095-65-8	Phenol, 3,4-dimethyl-	23	JD			10.322	
038651-65-9	Bicyclo[3.1.1]heptan-2-one, 6,6-di	28	JD			10.781	
000098-54-4	Phenol, p-tert-butyl-	58	JD			11.781	
000575-43-9	Naphthalene, 1,6-dimethyl-	47	JD			13.44	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5DL	SDG No.:	BP072424
Lab Sample ID:	P3244-04DL	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
BP021126.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000582-16-1	Naphthalene, 2,7-dimethyl-	34	JD			13.604	
000134-62-3	Diethyltoluamide	38	JD			15.057	
001008-91-9	1-(4-Pyridinyl)piperazine	35	JD			16.081	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	80	JD			16.169	
936095-07-7	1-(Isocyanatomethyl)-4-propoxybenz	140	JD			16.222	
024518-48-7	4-(7-Methyloctyl)phenol	92	JD			16.281	
002219-82-1	Phenol, 2-(1,1-dimethylethyl)-6-me	47	JD			16.328	
	unknown-01	27	JD			16.387	
	unknown-02	87	JD			16.498	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	75	JD			16.563	
000537-92-8	Acetamide, N-(3-methylphenyl)-	36	JD			16.598	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	48	JD			16.634	
000057-10-3	n-Hexadecanoic acid	26	JD			18.039	
E966796	Total Alkanes	5.6	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BP072424
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021127.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	91	U	91	54.8	550	ug/Kg
100-52-7	Benzaldehyde	370	U	370	690	2700	ug/Kg
110-86-1	Pyridine	270	U	270	1400	2700	ug/Kg
108-95-2	Phenol	360	U	360	690	2700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	330	U	330	690	2700	ug/Kg
95-57-8	2-Chlorophenol	190	U	190	350	1400	ug/Kg
95-48-7	2-Methylphenol	320	U	320	690	2700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	500	U	500	690	2700	ug/Kg
98-86-2	Acetophenone	330	U	330	690	2700	ug/Kg
106-44-5	4-Methylphenol	310	U	310	690	2700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	420	U	420	350	1400	ug/Kg
67-72-1	Hexachloroethane	150	U	150	350	1400	ug/Kg
98-95-3	Nitrobenzene	260	U	260	350	1400	ug/Kg
78-59-1	Isophorone	400	U	400	350	1400	ug/Kg
88-75-5	2-Nitrophenol	260	U	260	350	1400	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	350	1400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	360	U	360	350	1400	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	350	1400	ug/Kg
91-20-3	Naphthalene	210	U	210	350	1400	ug/Kg
106-47-8	4-Chloroaniline	200	U	200	350	2700	ug/Kg
87-68-3	Hexachlorobutadiene	370	U	370	350	1400	ug/Kg
105-60-2	Caprolactam	600	U	600	690	2700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	410	350	1400	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	350	1400	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	350	1400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	790	U	790	690	2700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	350	1400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	320	U	320	350	1400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BP072424
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP021127.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	200	U	200	350	1400	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	350	1400	ug/Kg
88-74-4	2-Nitroaniline	340	U	340	350	1400	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	350	1400	ug/Kg
606-20-2	2,6-Dinitrotoluene	370	U	370	350	1400	ug/Kg
208-96-8	Acenaphthylene	270	U	270	350	1400	ug/Kg
99-09-2	3-Nitroaniline	370	U	370	690	2700	ug/Kg
83-32-9	Acenaphthene	400	JD	240	350	1400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	400	690	2700	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	690	2700	ug/Kg
132-64-9	Dibenzofuran	270	U	270	350	1400	ug/Kg
121-14-2	2,4-Dinitrotoluene	360	U	360	350	1400	ug/Kg
84-66-2	Diethylphthalate	250	U	250	350	1400	ug/Kg
86-73-7	Fluorene	460	JD	210	350	1400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	350	1400	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	690	2700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	690	2700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	350	1400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	350	1400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	350	1400	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	350	1400	ug/Kg
1912-24-9	Atrazine	590	U	590	690	2700	ug/Kg
87-86-5	Pentachlorophenol	610	U	610	690	2700	ug/Kg
85-01-8	Phenanthrene	5100	D	240	350	1400	ug/Kg
608-93-5	Pentachlorobenzene	430	U	430	350	1400	ug/Kg
120-12-7	Anthracene	930	JD	210	350	1400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	420	U	420	350	1400	ug/Kg
86-74-8	Carbazole	600	JD	230	690	2700	ug/Kg
84-74-2	Di-n-butylphthalate	510	U	510	350	1400	ug/Kg
206-44-0	Fluoranthene	6400	D	450	690	1400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BP072424
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021127.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4600	D	410	350	1400	ug/Kg
85-68-7	Butylbenzylphthalate	700	U	700	350	1400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	400	690	2700	ug/Kg
56-55-3	Benzo(a)anthracene	2600	D	220	350	1400	ug/Kg
218-01-9	Chrysene	2700	D	260	350	1400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800	U	800	350	1400	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	690	2700	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	D	270	350	1400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	JD	320	350	1400	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	270	350	1400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940	JD	260	350	1400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420	JD	230	350	1400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	U	220	350	1400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	270	U	270	350	1400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.23		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.045		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.58		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.96		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.7		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.245		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.87		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.585		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.755		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.785		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.245		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.165		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	26.68		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BP072424
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021127.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.16		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	26.82		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.32		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.615		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196000	7.652				
1146-65-2	Naphthalene-d8	768459	10.428				
15067-26-2	Acenaphthene-d10	499119	14.292				
1517-22-2	Phenanthrene-d10	1033838	17.11				
1719-03-5	Chrysene-d12	800520	21.557				
1520-96-3	Perylene-d12	922293	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	1100	JD			18.028	
000832-69-9	Phenanthrene, 1-methyl-	790	JD			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	JD			18.21	
000084-65-1	9,10-Anthracenedione	580	JD			18.598	
002381-21-7	Pyrene, 1-methyl-	690	JD			20.139	
	unknown-01	1000	JD			21.204	
E966796	Total Alkanes	200	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6DL	SDG No.:	BP072424
Lab Sample ID:	P3238-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021128.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	69	U	69	41.4	420	ug/Kg
100-52-7	Benzaldehyde	280	U	280	520	2100	ug/Kg
110-86-1	Pyridine	210	U	210	1000	2100	ug/Kg
108-95-2	Phenol	270	U	270	520	2100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	250	U	250	520	2100	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	270	1100	ug/Kg
95-48-7	2-Methylphenol	240	U	240	520	2100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	380	U	380	520	2100	ug/Kg
98-86-2	Acetophenone	250	U	250	520	2100	ug/Kg
106-44-5	4-Methylphenol	230	U	230	520	2100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	320	U	320	270	1100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	270	1100	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	1100	ug/Kg
78-59-1	Isophorone	300	U	300	270	1100	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	270	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	270	1100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	270	U	270	270	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	270	1100	ug/Kg
91-20-3	Naphthalene	470	JD	160	270	1100	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	270	2100	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	270	1100	ug/Kg
105-60-2	Caprolactam	450	U	450	520	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	310	U	310	270	1100	ug/Kg
90-12-0	1-Methylnaphthalene	210	JD	210	270	1100	ug/Kg
91-57-6	2-Methylnaphthalene	240	JD	140	270	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600	U	600	520	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	310	U	310	270	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	270	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6DL	SDG No.:	BP072424
Lab Sample ID:	P3238-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021128.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	270	1100	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	270	1100	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	270	1100	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	270	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	270	1100	ug/Kg
208-96-8	Acenaphthylene	200	U	200	270	1100	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	520	2100	ug/Kg
83-32-9	Acenaphthene	960	JD	180	270	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	520	2100	ug/Kg
100-02-7	4-Nitrophenol	280	U	280	520	2100	ug/Kg
132-64-9	Dibenzofuran	690	JD	200	270	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	270	1100	ug/Kg
84-66-2	Diethylphthalate	190	U	190	270	1100	ug/Kg
86-73-7	Fluorene	1000	JD	160	270	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	270	1100	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	520	2100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	520	2100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	270	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	270	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	270	1100	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	270	1100	ug/Kg
1912-24-9	Atrazine	440	U	440	520	2100	ug/Kg
87-86-5	Pentachlorophenol	460	U	460	520	2100	ug/Kg
85-01-8	Phenanthrene	12000	D	180	270	1100	ug/Kg
608-93-5	Pentachlorobenzene	330	U	330	270	1100	ug/Kg
120-12-7	Anthracene	2500	D	160	270	1100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	310	U	310	270	1100	ug/Kg
86-74-8	Carbazole	1400	JD	180	520	2100	ug/Kg
84-74-2	Di-n-butylphthalate	380	U	380	270	1100	ug/Kg
206-44-0	Fluoranthene	11000	D	340	520	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6DL	SDG No.:	BP072424
Lab Sample ID:	P3238-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021128.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7400	D	310	270	1100	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	270	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	520	2100	ug/Kg
56-55-3	Benzo(a)anthracene	5300	D	170	270	1100	ug/Kg
218-01-9	Chrysene	5700	D	190	270	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	270	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	520	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	5700	D	210	270	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300	D	240	270	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2500	D	200	270	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	D	190	270	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790	JD	180	270	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	JD	160	270	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	270	1100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.72		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	5.005	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	30.34		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.265		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.07		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	26.695		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	33.695		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.06		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.85		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.31		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.455		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.325		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.865		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	38.795		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6DL	SDG No.:	BP072424
Lab Sample ID:	P3238-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021128.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.03		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	37.175		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	28.65		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.995		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162803	7.652				
1146-65-2	Naphthalene-d8	602882	10.428				
15067-26-2	Acenaphthene-d10	375082	14.287				
1517-22-2	Phenanthrene-d10	814416	17.104				
1719-03-5	Chrysene-d12	845671	21.551				
1520-96-3	Perylene-d12	1111544	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	460	JD			16.757	
000132-65-0	Dibenzothiophene	700	JD			16.91	
029909-72-6	3-Phenyl-benzofuran	420	JD			17.71	
002531-84-2	Phenanthrene, 2-methyl-	1500	JD			18.004	
000613-12-7	Anthracene, 2-methyl-	2000	JD			18.051	
000610-48-0	Anthracene, 1-methyl-	490	JD			18.133	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2300	JD			18.204	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	790	JD			18.251	
000612-94-2	Naphthalene, 2-phenyl-	920	JD			18.528	
000084-65-1	9,10-Anthracenedione	1000	JD			18.586	
003674-66-6	Phenanthrene, 2,5-dimethyl-	540	JD			18.957	
005737-13-3	Cyclopenta(def)phenanthrenone	790	JD			19.127	
000243-17-4	11H-Benzo[b]fluorene	960	JD			20.139	
033543-31-6	Fluoranthene, 2-methyl-	470	JD			20.245	
002381-21-7	Pyrene, 1-methyl-	460	JD			20.31	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	420	JD			21.157	
027208-37-3	Cyclopenta[cd]pyrene	720	JD			21.204	



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

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6DL	SDG No.:	BP072424
Lab Sample ID:	P3238-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021128.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	150	U			99	ug/Kg

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:	SBLK104	SDG No.:	BP072424
Lab Sample ID:	PB162104BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021130.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK104	SDG No.:	BP072424
Lab Sample ID:	PB162104BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021130.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK104	SDG No.:	BP072424
Lab Sample ID:	PB162104BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021130.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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	5.613		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	22.421		20-120		56	SPK: -40
4165-62-2	Phenol-d5	27.053		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.895		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.948		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.001		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.765		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.558		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.54		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.434		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.682		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.174		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.187		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	30.09		25-125		75	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:	SBLK104	SDG No.:	BP072424
Lab Sample ID:	PB162104BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021130.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.746		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.815		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	27.009		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.091		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	246490	7.604				
1146-65-2	Naphthalene-d8	952718	10.375				
15067-26-2	Acenaphthene-d10	631727	14.263				
1517-22-2	Phenanthrene-d10	1375105	17.092				
1719-03-5	Chrysene-d12	1358605	21.551				
1520-96-3	Perylene-d12	1398702	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			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:	SBLK100	SDG No.:	BP072424
Lab Sample ID:	PB162100BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021131.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BP072424
Lab Sample ID:	PB162100BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021131.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BP072424
Lab Sample ID:	PB162100BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021131.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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	5.339		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	22.088		20-120		55	SPK: -40
4165-62-2	Phenol-d5	26.749		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.976		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.207		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.069		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.442		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.258		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.308		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.005		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.123		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.397		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.641		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.387		25-125		76	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:	SBLK100	SDG No.:	BP072424
Lab Sample ID:	PB162100BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021131.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.039		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.538		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	31.844		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.916		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	246342	7.646				
1146-65-2	Naphthalene-d8	974502	10.416				
15067-26-2	Acenaphthene-d10	624410	14.292				
1517-22-2	Phenanthrene-d10	1326082	17.104				
1719-03-5	Chrysene-d12	1055651	21.551				
1520-96-3	Perylene-d12	1085170	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			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:	SLCS104	SDG No.:	BP072424
Lab Sample ID:	PB162104BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021132.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	30		1.1	5	10	ug/L
110-86-1	Pyridine	28		1.7	10	10	ug/L
108-95-2	Phenol	29		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	29		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)	26		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	25		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	31		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		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	24		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	30		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.5	2.5	5	ug/L
105-60-2	Caprolactam	29		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	29		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	29		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.6	2.5	5	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:	SLCS104	SDG No.:	BP072424
Lab Sample ID:	PB162104BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021132.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		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	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	28		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	40		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	31		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		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	4.2	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	18		1.9	5	10	ug/L
85-01-8	Phenanthrene	31		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		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	33		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS104	SDG No.:	BP072424
Lab Sample ID:	PB162104BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021132.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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	26		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		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	25		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	23		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	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	33		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	33		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	7.057		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	28.202		20-120		71	SPK: -40
4165-62-2	Phenol-d5	28.167		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.564		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.581		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.319		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	31.451		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.469		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.22		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.436		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.592		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.228		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.427		10-150		99	SPK: -40
81103-79-9	Fluorene-d10	30.711		25-125		77	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:	SLCS104	SDG No.:	BP072424
Lab Sample ID:	PB162104BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021132.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.007		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	31.071		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	29.245		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.229		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185231	7.652				
1146-65-2	Naphthalene-d8	686862	10.422				
15067-26-2	Acenaphthene-d10	401433	14.293				
1517-22-2	Phenanthrene-d10	768246	17.11				
1719-03-5	Chrysene-d12	691391	21.551				
1520-96-3	Perylene-d12	947083	24.868				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			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:	SLCS100	SDG No.:	BP072424
Lab Sample ID:	PB162100BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021133.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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	27		1.7	10	10	ug/L
108-95-2	Phenol	28		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	26		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	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	26		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		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	26		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	23		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	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	29		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	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.6	2.5	5	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:	SLCS100	SDG No.:	BP072424
Lab Sample ID:	PB162100BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021133.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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	31		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	29		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		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	31		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	28		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	28		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		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	30		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	4.1	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	18		1.9	5	10	ug/L
85-01-8	Phenanthrene	30		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		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	30		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	25		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS100	SDG No.:	BP072424
Lab Sample ID:	PB162100BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021133.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

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	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	30		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	23		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	22		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		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	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	31		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	23		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.627		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	26.802		20-120		67	SPK: -40
4165-62-2	Phenol-d5	26.993		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.323		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.189		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.852		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	29.291		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.288		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.973		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.665		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.289		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.08		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.983		10-150		97	SPK: -40
81103-79-9	Fluorene-d10	29.929		25-125		75	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:	SLCS100	SDG No.:	BP072424
Lab Sample ID:	PB162100BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021133.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.053		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	29.386		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	25.272		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.614		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166958	7.651				
1146-65-2	Naphthalene-d8	626149	10.422				
15067-26-2	Acenaphthene-d10	374656	14.298				
1517-22-2	Phenanthrene-d10	758956	17.104				
1719-03-5	Chrysene-d12	778705	21.557				
1520-96-3	Perylene-d12	1045520	24.868				
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:	YDZG0	SDG No.:	BP072424
Lab Sample ID:	P3244-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021134.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG0	SDG No.:	BP072424
Lab Sample ID:	P3244-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021134.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG0	SDG No.:	BP072424
Lab Sample ID:	P3244-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021134.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	8.66		20-120		22	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.983		15-120		50	SPK: -8
4165-62-2	Phenol-d5	7.505		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.909		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.674		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.967		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	29.14		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.606		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.838		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.755		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.041		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.104		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.533		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	31.069		25-125		78	SPK: -40



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

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:	YDZG0	SDG No.:	BP072424
Lab Sample ID:	P3244-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021134.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.082		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	31.046		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	33.025		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.335		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255657	7.646				
1146-65-2	Naphthalene-d8	1023374	10.416				
15067-26-2	Acenaphthene-d10	630704	14.292				
1517-22-2	Phenanthrene-d10	1294364	17.116				
1719-03-5	Chrysene-d12	943720	21.545				
1520-96-3	Perylene-d12	1148390	24.851				
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:	YDZG1	SDG No.:	BP072424
Lab Sample ID:	P3244-10	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
BP021135.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG1	SDG No.:	BP072424
Lab Sample ID:	P3244-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021135.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG1	SDG No.:	BP072424
Lab Sample ID:	P3244-10	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
BP021135.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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	3.673		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	4.734	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	6.572		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.51		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.991		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	14.89		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	27.04		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.108		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.936		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.58		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.71		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.826		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.486		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.436		25-125		71	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:	YDZG1	SDG No.:	BP072424
Lab Sample ID:	P3244-10	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
BP021135.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.035		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	30.022		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.23		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.374		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	257007	7.652				
1146-65-2	Naphthalene-d8	1032005	10.422				
15067-26-2	Acenaphthene-d10	666912	14.292				
1517-22-2	Phenanthrene-d10	1398765	17.11				
1719-03-5	Chrysene-d12	1143230	21.551				
1520-96-3	Perylene-d12	1167643	24.857				
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:	YDZG2	SDG No.:	BP072424
Lab Sample ID:	P3244-11	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
BP021136.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG2	SDG No.:	BP072424
Lab Sample ID:	P3244-11	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
BP021136.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG2	SDG No.:	BP072424
Lab Sample ID:	P3244-11	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
BP021136.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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	3.926		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	7.19	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	6.98		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.738		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.722		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	15.193		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	24.903		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.163		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.184		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.362		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.099		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.772		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.752		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	26.273		25-125		66	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:	YDZG2	SDG No.:	BP072424
Lab Sample ID:	P3244-11	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
BP021136.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.561		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.125		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	24.299		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.002		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243277	7.658				
1146-65-2	Naphthalene-d8	912441	10.422				
15067-26-2	Acenaphthene-d10	539808	14.298				
1517-22-2	Phenanthrene-d10	1067712	17.11				
1719-03-5	Chrysene-d12	1046078	21.557				
1520-96-3	Perylene-d12	1375189	24.869				
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:	YDZG3	SDG No.:	BP072424
Lab Sample ID:	P3244-12	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
BP021137.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG3	SDG No.:	BP072424
Lab Sample ID:	P3244-12	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
BP021137.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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:	YDZG3	SDG No.:	BP072424
Lab Sample ID:	P3244-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021137.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

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	3.938		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	8.144		20-120		20	SPK: -40
4165-62-2	Phenol-d5	6.876		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.491		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.446		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	13.501		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	24.462		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.175		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.686		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.728		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.052		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.08		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.531		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	26.907		25-125		67	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:	YDZG3	SDG No.:	BP072424
Lab Sample ID:	P3244-12	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
BP021137.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.826		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	27.864		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	27.451		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.29		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215140	7.652				
1146-65-2	Naphthalene-d8	811160	10.428				
15067-26-2	Acenaphthene-d10	479066	14.287				
1517-22-2	Phenanthrene-d10	942204	17.11				
1719-03-5	Chrysene-d12	792886	21.545				
1520-96-3	Perylene-d12	1076499	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BE6DL								
P3238-01DL	A4BE6DL	Solid	11H-Benzo[b]fluorene	*	960.000	JD		
P3238-01DL	A4BE6DL	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	790.000	JD		
P3238-01DL	A4BE6DL	Solid	3-Phenyl-benzofuran	*	420.000	JD		
P3238-01DL	A4BE6DL	Solid	4H-Cyclopenta[def]phenanthrene	*	2,300.000	JD		
P3238-01DL	A4BE6DL	Solid	9,10-Anthracenedione	*	1,000.000	JD		
P3238-01DL	A4BE6DL	Solid	9H-Fluoren-9-one	*	460.000	JD		
P3238-01DL	A4BE6DL	Solid	Anthracene, 1-methyl-	*	490.000	JD		
P3238-01DL	A4BE6DL	Solid	Anthracene, 2-methyl-	*	2,000.000	JD		
P3238-01DL	A4BE6DL	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	420.000	JD		
P3238-01DL	A4BE6DL	Solid	Cyclopenta(def)phenanthrenone	*	790.000	JD		
P3238-01DL	A4BE6DL	Solid	Cyclopenta[cd]pyrene	*	720.000	JD		
P3238-01DL	A4BE6DL	Solid	Dibenzothiophene	*	700.000	JD		
P3238-01DL	A4BE6DL	Solid	Fluoranthene, 2-methyl-	*	470.000	JD		
P3238-01DL	A4BE6DL	Solid	Naphthalene, 2-phenyl-	*	920.000	JD		
P3238-01DL	A4BE6DL	Solid	Phenanthrene, 2,5-dimethyl-	*	540.000	JD		
P3238-01DL	A4BE6DL	Solid	Phenanthrene, 2-methyl-	*	1,500.000	JD		
P3238-01DL	A4BE6DL	Solid	Pyrene, 1-methyl-	*	460.000	JD		
P3238-01DL	A4BE6DL	Solid	Total Alkanes	*	0.000	D 150	1100	ug/Kg
Total Tics :				14,940.00				
P3238-01DL	A4BE6DL	Solid	1-Methylnaphthalene		210.000	JD 210	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	2-Methylnaphthalene		240.000	JD 140	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Acenaphthene		960.000	JD 180	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Anthracene		2,500.000	D 160	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Benzo(a)anthracene		5,300.000	D 170	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Benzo(a)pyrene		2,500.000	D 200	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Benzo(b)fluoranthene		5,700.000	D 210	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Benzo(g,h,i)perylene		330.000	JD 160	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Benzo(k)fluoranthene		2,300.000	D 240	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Carbazole		1,400.000	JD 180	2100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Chrysene		5,700.000	D 190	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Dibenzo(a,h)anthracene		790.000	JD 180	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Dibenzofuran		690.000	JD 200	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Fluoranthene		11,000.000	D 340	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Fluorene		1,000.000	JD 160	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Indeno(1,2,3-cd)pyrene		1,800.000	D 190	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Naphthalene		470.000	JD 160	1100	ug/Kg
P3238-01DL	A4BE6DL	Solid	Phenanthrene		12,000.000	D 180	1100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-01DL	A4BE6DL	Solid	Pyrene	7,400.000	D	310	1100	ug/Kg
Total Svoc :				62,290.00				
Total Concentration:				77,230.00				
Client ID : A4C04DL								
P3238-17DL	A4C04DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	JD		
P3238-17DL	A4C04DL	Solid	9,10-Anthracenedione	*	580.000	JD		
P3238-17DL	A4C04DL	Solid	Phenanthrene, 1-methyl-	*	790.000	JD		
P3238-17DL	A4C04DL	Solid	Phenanthrene, 2-methyl-	*	1,100.000	JD		
P3238-17DL	A4C04DL	Solid	Pyrene, 1-methyl-	*	690.000	JD		
P3238-17DL	A4C04DL	Solid	unknown-01	*	1,000.000	JD		
P3238-17DL	A4C04DL	Solid	Total Alkanes	*	0.000	D 200	1400	ug/Kg
Total Tics :				5,260.00				
P3238-17DL	A4C04DL	Solid	Acenaphthene		400.000	JD 240	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Anthracene		930.000	JD 210	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(a)anthracene		2,600.000	D 220	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(a)pyrene		1,400.000	D 270	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(b)fluoranthene		3,000.000	D 270	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(k)fluoranthene		1,000.000	JD 320	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Carbazole		600.000	JD 230	2700	ug/Kg
P3238-17DL	A4C04DL	Solid	Chrysene		2,700.000	D 260	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Dibenzo(a,h)anthracene		420.000	JD 230	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Fluoranthene		6,400.000	D 450	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Fluorene		460.000	JD 210	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Indeno(1,2,3-cd)pyrene		940.000	JD 260	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Phenanthrene		5,100.000	D 240	1400	ug/Kg
P3238-17DL	A4C04DL	Solid	Pyrene		4,600.000	D 410	1400	ug/Kg
Total Svoc :				30,550.00				
Total Concentration:				35,810.00				
Client ID : YDZD0DL								
P3244-01DL	YDZD0DL	Water	(+)-2-Bornanone	*	110.000	JD		
P3244-01DL	YDZD0DL	Water	2-Methyl-4-hydroxybenzoxazole	*	24.000	JD		
P3244-01DL	YDZD0DL	Water	2-Pentanol, 4-methyl-	*	81.000	JD		
P3244-01DL	YDZD0DL	Water	4-(7-Methyloctyl)phenol	*	45.000	JD		
P3244-01DL	YDZD0DL	Water	4-tert-Butylphenyl acetate	*	37.000	JD		
P3244-01DL	YDZD0DL	Water	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	70.000	JD		
P3244-01DL	YDZD0DL	Water	Acetamide, N-(2,6-dimethylpheny	*	27.000	JD		
P3244-01DL	YDZD0DL	Water	Acetamide, N-(3-methylphenyl)-	*	40.000	JD		
P3244-01DL	YDZD0DL	Water	Acetamide, N-(4-methylphenyl)-	*	25.000	JD		
P3244-01DL	YDZD0DL	Water	Benzene, 1,3-dimethyl-	*	58.000	JD		

Hit Summary Sheet
SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-01DL	YDZD0DL	Water	Benzene, 1-ethyl-2-methyl-	*	29.000	JD		
P3244-01DL	YDZD0DL	Water	Benzene, 1-ethyl-3-methyl-	*	14.000	JD		
P3244-01DL	YDZD0DL	Water	Benzoic acid, 2,4,6-trimethyl-	*	20.000	JD		
P3244-01DL	YDZD0DL	Water	Benzoic acid, 2-methyl-	*	24.000	JD		
P3244-01DL	YDZD0DL	Water	Benzoic acid, 3-methyl-	*	47.000	JD		
P3244-01DL	YDZD0DL	Water	Benzoic acid, p-tert-butyl-	*	35.000	JD		
P3244-01DL	YDZD0DL	Water	Cyclohexanemethanol, .alpha.,.alp	*	110.000	JD		
P3244-01DL	YDZD0DL	Water	Cyclohexanol	*	25.000	JD		
P3244-01DL	YDZD0DL	Water	Diethyltoluamide	*	39.000	JD		
P3244-01DL	YDZD0DL	Water	Eucalyptol	*	31.000	JD		
P3244-01DL	YDZD0DL	Water	Fenchone	*	49.000	JD		
P3244-01DL	YDZD0DL	Water	n-Hexadecanoic acid	*	44.000	JD		
P3244-01DL	YDZD0DL	Water	Naphthalene, 2,3-dimethyl-	*	26.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 2,6-dimethyl-	*	32.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 2-(1,1,3,3-tetramethylbuty	*	38.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 2-(1,1-dimethylethyl)-5-n	*	21.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 3,4-dimethyl-	*	31.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 3,5-dimethyl-	*	68.000	JD		
P3244-01DL	YDZD0DL	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	40.000	JD		
P3244-01DL	YDZD0DL	Water	unknown-01	*	41.000	JD		
P3244-01DL	YDZD0DL	Water	Total Alkanes	*	0.000	D 5.5	25	ug/L
Total Tics :					1,281.00			
P3244-01DL	YDZD0DL	Water	1,4-Dioxane		6.800	JD 1.75	10	ug/L
P3244-01DL	YDZD0DL	Water	1-Methylnaphthalene		100.000	D 4.55	25	ug/L
P3244-01DL	YDZD0DL	Water	2,4-Dimethylphenol		150.000	D 3.45	25	ug/L
P3244-01DL	YDZD0DL	Water	2-Methylnaphthalene		130.000	D 5.5	25	ug/L
P3244-01DL	YDZD0DL	Water	2-Methylphenol		120.000	D 7.5	50	ug/L
P3244-01DL	YDZD0DL	Water	4-Chloro-3-methylphenol		25.000	D 8	25	ug/L
P3244-01DL	YDZD0DL	Water	Naphthalene		41.000	D 4.7	25	ug/L
Total Svoc :					572.80			
Total Concentration:					1,853.80			
Client ID : YDZD2DL								
P3244-02DL	YDZD2DL	Water	(+)-2-Bornanone	*	330.000	JD		
P3244-02DL	YDZD2DL	Water	2-Pentanol, 4-methyl-	*	32.000	JD		
P3244-02DL	YDZD2DL	Water	3,4-Acetoxylide	*	30.000	JD		
P3244-02DL	YDZD2DL	Water	4-(1,1-Dimethylheptyl)phenol	*	50.000	JD		
P3244-02DL	YDZD2DL	Water	4-(1,1-Dimethylpropyl)phenyl ace	*	47.000	JD		
P3244-02DL	YDZD2DL	Water	Acetamide, N-(3-methylphenyl)-	*	52.000	JD		
P3244-02DL	YDZD2DL	Water	Benzene, 1,2,3-trimethyl-	*	87.000	JD		
P3244-02DL	YDZD2DL	Water	Benzene, 1-ethyl-3-methyl-	*	48.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-02DL	YDZD2DL	Water	Benzenepropanoic acid, .beta.,.bet *	29.000	JD			
P3244-02DL	YDZD2DL	Water	Benzoic acid, p-tert-butyl- *	37.000	JD			
P3244-02DL	YDZD2DL	Water	Bicyclo[3.1.1]heptan-2-one, 6,6-d *	50.000	JD			
P3244-02DL	YDZD2DL	Water	Cyclohexanemethanol, .alpha.,.alf *	770.000	JD			
P3244-02DL	YDZD2DL	Water	Diethyltoluamide *	54.000	JD			
P3244-02DL	YDZD2DL	Water	endo-Borneol *	28.000	JD			
P3244-02DL	YDZD2DL	Water	Eucalyptol *	190.000	JD			
P3244-02DL	YDZD2DL	Water	Fenchol *	36.000	JD			
P3244-02DL	YDZD2DL	Water	Fenchone *	190.000	JD			
P3244-02DL	YDZD2DL	Water	Hydrazine, 1-(4-ethylphenyl)- *	23.000	JD			
P3244-02DL	YDZD2DL	Water	n-Hexadecanoic acid *	29.000	JD			
P3244-02DL	YDZD2DL	Water	Naphthalene, 1,6-dimethyl- *	31.000	JD			
P3244-02DL	YDZD2DL	Water	Naphthalene, 2,6-dimethyl- *	48.000	JD			
P3244-02DL	YDZD2DL	Water	Phenol, 2-(1,1-dimethylethyl)-5-n *	26.000	JD			
P3244-02DL	YDZD2DL	Water	Phenol, 3,5-dimethyl- *	62.000	JD			
P3244-02DL	YDZD2DL	Water	Phenol, 3-ethyl-5-methyl- *	54.000	JD			
P3244-02DL	YDZD2DL	Water	Phenol, 4-(1,1,3,3-tetramethylbuty *	47.000	JD			
P3244-02DL	YDZD2DL	Water	Phenol, 4-hexyl- *	32.000	JD			
P3244-02DL	YDZD2DL	Water	Thymol *	29.000	JD			
P3244-02DL	YDZD2DL	Water	unknown-01 *	56.000	JD			
P3244-02DL	YDZD2DL	Water	unknown-02 *	80.000	JD			
P3244-02DL	YDZD2DL	Water	unknown-03 *	30.000	JD			
P3244-02DL	YDZD2DL	Water	Total Alkanes *	0.000	D	5.5	25	ug/L
Total Tics :				2,607.00				
P3244-02DL	YDZD2DL	Water	1,4-Dioxane	13.000	D	1.75	10	ug/L
P3244-02DL	YDZD2DL	Water	1-Methylnaphthalene	170.000	D	4.55	25	ug/L
P3244-02DL	YDZD2DL	Water	2,4-Dimethylphenol	150.000	D	3.45	25	ug/L
P3244-02DL	YDZD2DL	Water	2-Methylnaphthalene	190.000	D	5.5	25	ug/L
P3244-02DL	YDZD2DL	Water	2-Methylphenol	170.000	D	7.5	50	ug/L
P3244-02DL	YDZD2DL	Water	4-Chloro-3-methylphenol	23.000	JD	8	25	ug/L
P3244-02DL	YDZD2DL	Water	4-Methylphenol	18.000	JD	8.5	50	ug/L
P3244-02DL	YDZD2DL	Water	Naphthalene	66.000	D	4.7	25	ug/L
Total Svoc :				800.00				
Total Concentration:				3,407.00				
Client ID :	YDZD4DL							
P3244-03DL	YDZD4DL	Water	(+)-2-Bornanone *	640.000	JD			
P3244-03DL	YDZD4DL	Water	(DEL) Alkane: Cyclic12.663 *	64.000	JD			
P3244-03DL	YDZD4DL	Water	(DEL) Alkane: Straight-Chain10.3 *	26.000	JD			
P3244-03DL	YDZD4DL	Water	(DEL) Alkane: Straight-Chain11.8 *	37.000	JD			
P3244-03DL	YDZD4DL	Water	(DEL) Alkane: Straight-Chain12.7 *	17.000	JD			

Hit Summary Sheet SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-03DL	YDZD4DL	Water	1H-Inden-1-one, 2,3-dihydro-5,7-	*	43.000	JD		
P3244-03DL	YDZD4DL	Water	2-Dodecanol, 2-methyl-	*	24.000	JD		
P3244-03DL	YDZD4DL	Water	3,4-Acetoxylide	*	40.000	JD		
P3244-03DL	YDZD4DL	Water	4-(7-Methyloctyl)phenol	*	58.000	JD		
P3244-03DL	YDZD4DL	Water	7-Methylindan-1-one	*	34.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, 1,2,3-trimethyl-	*	210.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, 1,4-diethyl-	*	64.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, 1-ethyl-2-methyl-	*	95.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, 1-ethyl-4-methyl-	*	56.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	50.000	JD		
P3244-03DL	YDZD4DL	Water	Benzene, propyl-	*	23.000	JD		
P3244-03DL	YDZD4DL	Water	Cyclohexanemethanol, .alpha.,.alp	*	500.000	JD		
P3244-03DL	YDZD4DL	Water	Diethyltoluamide	*	170.000	JD		
P3244-03DL	YDZD4DL	Water	Ethanone, 1-(3-methylphenyl)-	*	50.000	JD		
P3244-03DL	YDZD4DL	Water	Eucalyptol	*	75.000	JD		
P3244-03DL	YDZD4DL	Water	Fenchone	*	230.000	JD		
P3244-03DL	YDZD4DL	Water	Gardamide	*	41.000	JD		
P3244-03DL	YDZD4DL	Water	Naphthalene, 2,3-dimethyl-	*	76.000	JD		
P3244-03DL	YDZD4DL	Water	Naphthalene, 2,7-dimethyl-	*	43.000	JD		
P3244-03DL	YDZD4DL	Water	Phenol, 2-(1,1,3,3-tetramethylbuty	*	58.000	JD		
P3244-03DL	YDZD4DL	Water	Phenol, 3,5-dimethyl-	*	140.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-01	*	43.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-02	*	75.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-03	*	47.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-04	*	59.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-05	*	79.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-06	*	71.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-07	*	83.000	JD		
P3244-03DL	YDZD4DL	Water	unknown-08	*	130.000	JD		
P3244-03DL	YDZD4DL	Water	Total Alkanes	*	140.000	D 5.5	25	ug/L
Total Tics :				3,591.00				
P3244-03DL	YDZD4DL	Water	1,1-Biphenyl		5.900	JD 5.5	25	ug/L
P3244-03DL	YDZD4DL	Water	1,4-Dioxane		41.000	D 1.75	10	ug/L
P3244-03DL	YDZD4DL	Water	1-Methylnaphthalene		270.000	D 4.55	25	ug/L
P3244-03DL	YDZD4DL	Water	2,4-Dimethylphenol		160.000	D 3.45	25	ug/L
P3244-03DL	YDZD4DL	Water	2-Methylnaphthalene		370.000	D 5.5	25	ug/L
P3244-03DL	YDZD4DL	Water	4-Chloro-3-methylphenol		31.000	D 8	25	ug/L
P3244-03DL	YDZD4DL	Water	Naphthalene		99.000	D 4.7	25	ug/L
P3244-03DL	YDZD4DL	Water	Phenanthrene		6.000	JD 6	25	ug/L
Total Svoc :				982.90				

Hit Summary Sheet SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	4,573.90				
Client ID :	YDZD5DL							
P3244-04DL	YDZD5DL	Water	1-(4-Pyridinyl)piperazine	*	35.000	JD		
P3244-04DL	YDZD5DL	Water	1-(Isocyanatomethyl)-4-propoxyb	*	140.000	JD		
P3244-04DL	YDZD5DL	Water	2-Methyl-4-hydroxybenzoxazole	*	48.000	JD		
P3244-04DL	YDZD5DL	Water	4-(7-Methyloctyl)phenol	*	92.000	JD		
P3244-04DL	YDZD5DL	Water	Acetamide, N-(3-methylphenyl)-	*	36.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, 1,2,3-trimethyl-	*	75.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, 1,3-dimethyl-	*	50.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, 1,4-diethyl-	*	36.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, 1-ethyl-2-methyl-	*	20.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, 1-ethyl-3-methyl-	*	34.000	JD		
P3244-04DL	YDZD5DL	Water	Benzene, propyl-	*	11.000	JD		
P3244-04DL	YDZD5DL	Water	Bicyclo[3.1.1]heptan-2-one, 6,6-d	*	28.000	JD		
P3244-04DL	YDZD5DL	Water	Camphor	*	110.000	JD		
P3244-04DL	YDZD5DL	Water	Cyclohexanemethanol, .alpha.,.alp	*	200.000	JD		
P3244-04DL	YDZD5DL	Water	Cyclohexanol	*	18.000	JD		
P3244-04DL	YDZD5DL	Water	Diethyltoluamide	*	38.000	JD		
P3244-04DL	YDZD5DL	Water	Eucalyptol	*	53.000	JD		
P3244-04DL	YDZD5DL	Water	L-Fenchone	*	82.000	JD		
P3244-04DL	YDZD5DL	Water	n-Hexadecanoic acid	*	26.000	JD		
P3244-04DL	YDZD5DL	Water	Naphthalene, 1,6-dimethyl-	*	47.000	JD		
P3244-04DL	YDZD5DL	Water	Naphthalene, 2,7-dimethyl-	*	34.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 2,5-dimethyl-	*	35.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 2-(1,1,3,3-tetramethylbuty	*	80.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 2-(1,1-dimethylethyl)-6-n	*	47.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 3,4-dimethyl-	*	23.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 3,5-dimethyl-	*	51.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	75.000	JD		
P3244-04DL	YDZD5DL	Water	Phenol, p-tert-butyl-	*	58.000	JD		
P3244-04DL	YDZD5DL	Water	unknown-01	*	27.000	JD		
P3244-04DL	YDZD5DL	Water	unknown-02	*	87.000	JD		
P3244-04DL	YDZD5DL	Water	Total Alkanes	*	0.000	D 5.6	25	ug/L
			Total Tics :	1,696.00				
P3244-04DL	YDZD5DL	Water	1,4-Dioxane		11.000	D 1.8	10	ug/L
P3244-04DL	YDZD5DL	Water	1-Methylnaphthalene		180.000	D 4.6	25	ug/L
P3244-04DL	YDZD5DL	Water	2,4-Dimethylphenol		56.000	D 3.5	25	ug/L
P3244-04DL	YDZD5DL	Water	2-Methylnaphthalene		260.000	D 5.6	25	ug/L
P3244-04DL	YDZD5DL	Water	2-Methylphenol		14.000	JD 7.6	51	ug/L
P3244-04DL	YDZD5DL	Water	Naphthalene		41.000	D 4.7	25	ug/L



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Hit Summary Sheet
SW-846

SDG No.: BP072424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :			562.00				
Total Concentration:			2,258.00				
Client ID : YDZG0							
P3244-09	YDZG0	Water	Total Alkanes	*	0.000	1.1	5 ug/L
Total Tics :			0.00				
Total Concentration:			0.00				
Client ID : YDZG1							
P3244-10	YDZG1	Water	Total Alkanes	*	0.000	1.1	5 ug/L
Total Tics :			0.00				
Total Concentration:			0.00				
Client ID : YDZG2							
P3244-11	YDZG2	Water	Total Alkanes	*	0.000	1.1	5 ug/L
Total Tics :			0.00				
Total Concentration:			0.00				
Client ID : YDZG3							
P3244-12	YDZG3	Water	Total Alkanes	*	0.000	1.1	5.1 ug/L
Total Tics :			0.00				
Total Concentration:			0.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: 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



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020646 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:39

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	SBLK098	203553	7.65	805791	10.41	524259	14.29
02	YDZD0DL	173542	7.65	664250	10.42	417469	14.29
03	YDZD2DL	216962	7.65	851302	10.43	560309	14.29
04	YDZD4DL	207800	7.66	792110	10.43	503506	14.29
05	YDZD5DL	192107	7.66	731491	10.42	445670	14.30
06	A4C04DL	196000	7.65	768459	10.43	499119	14.29
07	A4BE6DL	162803	7.65	602882	10.43	375082	14.29
08	SBLK104	246490	7.60	952718	10.38	631727	14.26
09	SBLK100	246342	7.65	974502	10.42	624410	14.29
10	SLCS104	185231	7.65	686862	10.42	401433	14.29
11	SLCS100	166958	7.65	626149	10.42	374656	14.30
12	YDZG0	255657	7.65	1.02337e	10.42	630704	14.29
13	YDZG1	257007	7.65	1.03201e	10.42	666912	14.29
14	YDZG2	243277	7.66	912441	10.42	539808	14.30
15	YDZG3	215140	7.65	811160	10.43	479066	14.29

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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020702 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP021121.D Time Analyzed: 10:39

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	159578	7.646	654562	10.43	446220	14.29
UPPER LIMIT	319156	8.146	1309124	10.928	892440	14.787
LOWER LIMIT	79789	7.146	327281	9.928	223110	13.787
EPA SAMPLE NO.						
01 SBLK098	203553	7.65	805791	10.41	524259	14.29
02 YDZD0DL	173542	7.65	664250	10.42	417469	14.29
03 YDZD2DL	216962	7.65	851302	10.43	560309	14.29
04 YDZD4DL	207800	7.66	792110	10.43	503506	14.29
05 YDZD5DL	192107	7.66	731491	10.42	445670	14.30
06 A4C04DL	196000	7.65	768459	10.43	499119	14.29
07 A4BE6DL	162803	7.65	602882	10.43	375082	14.29

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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020703 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP021129.D Time Analyzed: 18:02

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	195258	7.611	771017	10.39	476095	14.27
UPPER LIMIT	390516	8.111	1542034	10.887	952190	14.769
LOWER LIMIT	97629	7.111	385508.5	9.887	238047.5	13.769
EPA SAMPLE NO.						
01 SBLK104	246490	7.60	952718	10.38	631727	14.26
02 SBLK100	246342	7.65	974502	10.42	624410	14.29
03 SLCS104	185231	7.65	686862	10.42	401433	14.29
04 SLCS100	166958	7.65	626149	10.42	374656	14.30
05 YDZG0	255657	7.65	1.02337e	10.42	630704	14.29
06 YDZG1	257007	7.65	1.03201e	10.42	666912	14.29
07 YDZG2	243277	7.66	912441	10.42	539808	14.30
08 YDZG3	215140	7.65	811160	10.43	479066	14.29

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.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020646 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:39

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+0	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	SBLK098	1.11721	17.10	1.0546e+0	21.56	1.16389e+	24.88
02	YDZD0DL	894901	17.11	954293	21.55	1.21997e+	24.87
03	YDZD2DL	1.14407	17.10	937541	21.56	1.00011e+	24.87
04	YDZD4DL	1.01079	17.11	789934	21.56	867862	24.88
05	YDZD5DL	858906	17.11	719330	21.55	850540	24.87
06	A4C04DL	1.03384	17.11	800520	21.56	922293	24.87
07	A4BE6DL	814416	17.10	845671	21.55	1.11154e+	24.86
08	SBLK104	1.37511	17.09	1.35861e+	21.55	1.3987e+0	24.86
09	SBLK100	1.32608	17.10	1.05565e+	21.55	1.08517e+	24.87
10	SLCS104	768246	17.11	691391	21.55	947083	24.87
11	SLCS100	758956	17.10	778705	21.56	1.04552e+	24.87
12	YDZG0	1.29436	17.12	943720	21.55	1.14839e+	24.85
13	YDZG1	1.39877	17.11	1.14323e+	21.55	1.16764e+	24.86
14	YDZG2	1.06771	17.11	1.04608e+	21.56	1.37519e+	24.87
15	YDZG3	942204	17.11	792886	21.55	1.0765e+0	24.85

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020646 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 23:06

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+0	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.						

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.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020702 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP021121.D Time Analyzed: 10:39

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	1.0133e+00	17.104	1.12772e+	21.557	1.43811e+00	24.869
UPPER LIMIT	2026600	17.604	2255440	22.057	2876220	25.369
LOWER LIMIT	506650	16.604	563860	21.057	719055	24.369
EPA SAMPLE NO.						
01 SBLK098	1.11721	17.10	1.0546e+0	21.56	1.16389e+	24.88
02 YDZD0DL	894901	17.11	954293	21.55	1.21997e+	24.87
03 YDZD2DL	1.14407	17.10	937541	21.56	1.00011e+	24.87
04 YDZD4DL	1.01079	17.11	789934	21.56	867862	24.88
05 YDZD5DL	858906	17.11	719330	21.55	850540	24.87
06 A4C04DL	1.03384	17.11	800520	21.56	922293	24.87
07 A4BE6DL	814416	17.10	845671	21.55	1.11154e+	24.86

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.: BP072424 SAS No.: BP072424 SDG NO.: BP072424

EPA Sample No.: SSTD020703 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP021129.D Time Analyzed: 18:02

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	944889	17.092	759102	21.557	973929	24.874
UPPER LIMIT	1889778	17.592	1518204	22.057	1947858	25.374
LOWER LIMIT	472444.5	16.592	379551	21.057	486964.5	24.374
EPA SAMPLE NO.						
01 SBLK104	1.37511	17.09	1.35861e+	21.55	1.3987e+0	24.86
02 SBLK100	1.32608	17.10	1.05565e+	21.55	1.08517e+	24.87
03 SLCS104	768246	17.11	691391	21.55	947083	24.87
04 SLCS100	758956	17.10	778705	21.56	1.04552e+	24.87
05 YDZG0	1.29436	17.12	943720	21.55	1.14839e+	24.85
06 YDZG1	1.39877	17.11	1.14323e+	21.55	1.16764e+	24.86
07 YDZG2	1.06771	17.11	1.04608e+	21.56	1.37519e+	24.87
08 YDZG3	942204	17.11	792886	21.55	1.0765e+0	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162100BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	28	ug/L	70				0	0		
	Pyridine	40	27	ug/L	68				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0		
	Acetophenone	40	26	ug/L	65				0	0		
	4-Methylphenol	40	26	ug/L	65				0	0		
	N-Nitroso-di-n-propylamine	40	24	ug/L	60				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	31	ug/L	78				0	0		
	2,4-Dimethylphenol	40	23	ug/L	58				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	29	ug/L	73				0	0		
	4-Chloroaniline	40	25	ug/L	63				0	0		
	Hexachlorobutadiene	40	29	ug/L	73				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	14	ug/L	35				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	30	ug/L	75				0	0		
	2-Chloronaphthalene	40	29	ug/L	73				0	0		
	2-Nitroaniline	40	31	ug/L	78				0	0		
	Dimethylphthalate	40	28	ug/L	70				0	0		
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0		
	Acenaphthylene	40	29	ug/L	73				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	29	ug/L	73				0	0		
	2,4-Dinitrophenol	40	25	ug/L	63				0	0		
	4-Nitrophenol	40	35	ug/L	88				0	0		
	Dibenzofuran	40	29	ug/L	73				0	0		
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0		
	Diethylphthalate	40	28	ug/L	70				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0		
	4-Nitroaniline	40	41	ug/L	103				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162100BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	4.1	ug/L	10				0	0	
	Pentachlorophenol	40	18	ug/L	45				0	0	
	Phenanthrene	40	30	ug/L	75				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	29	ug/L	73				0	0	
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	Carbazole	40	33	ug/L	83				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	25	ug/L	63				0	0	
	Pyrene	40	26	ug/L	65				0	0	
	Butylbenzylphthalate	40	24	ug/L	60				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	23	ug/L	58				0	0	
	Di-n-octylphthalate	40	22	ug/L	55				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	28	ug/L	70				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	31	ug/L	78				0	0	
	2,3,4,6-Tetrachlorophenol	40	23	ug/L	58				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP072424**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162104BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	30	ug/L	75				0	0		
	Pyridine	40	28	ug/L	70				0	0		
	Phenol	40	29	ug/L	73				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	27	ug/L	68				0	0		
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				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	25	ug/L	63				0	0		
	Hexachloroethane	40	28	ug/L	70				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	27	ug/L	68				0	0		
	2-Nitrophenol	40	32	ug/L	80				0	0		
	2,4-Dimethylphenol	40	24	ug/L	60				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	30	ug/L	75				0	0		
	4-Chloroaniline	40	26	ug/L	65				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	28	ug/L	70				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0		
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	31	ug/L	78				0	0		
	2-Chloronaphthalene	40	31	ug/L	78				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	30	ug/L	75				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	25	ug/L	63				0	0		
	4-Nitrophenol	40	33	ug/L	83				0	0		
	Dibenzofuran	40	30	ug/L	75				0	0		
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0		
	Diethylphthalate	40	28	ug/L	70				0	0		
	Fluorene	40	30	ug/L	75				0	0		
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0		
	4-Nitroaniline	40	40	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162104BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0		
	N-Nitrosodiphenylamine	40	31	ug/L	78				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	4.2	ug/L	11				0	0		
	Pentachlorophenol	40	18	ug/L	45				0	0		
	Phenanthrene	40	31	ug/L	78				0	0		
	Pentachlorobenzene	40	31	ug/L	78				0	0		
	Anthracene	40	30	ug/L	75				0	0		
	1,2,3,4-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	Carbazole	40	34	ug/L	85				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	26	ug/L	65				0	0		
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0		
	Benzo(a)anthracene	40	31	ug/L	78				0	0		
	Chrysene	40	32	ug/L	80				0	0		
	Bis(2-ethylhexyl)phthalate	40	25	ug/L	63				0	0		
	Di-n-octylphthalate	40	23	ug/L	58				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				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	33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0		
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0		



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK098

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072424

SAS No.: BP072424 SDG NO.: BP072424

Lab File ID: BP021122.D

Lab Sample ID: PB162098BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 10:39

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

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

COMMENTS: _____



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK100

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072424

SAS No.: BP072424 SDG NO.: BP072424

Lab File ID: BP021131.D

Lab Sample ID: PB162100BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 18:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162100BS	PB162100BS	BP021133.D	07/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK104

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072424

SAS No.: BP072424 SDG NO.: BP072424

Lab File ID: BP021130.D

Lab Sample ID: PB162104BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 18:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162104BS	PB162104BS	BP021132.D	07/24/2024
YDZG0	P3244-09	BP021134.D	07/24/2024
YDZG1	P3244-10	BP021135.D	07/24/2024
YDZG2	P3244-11	BP021136.D	07/24/2024
YDZG3	P3244-12	BP021137.D	07/24/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-01DL	A4BE6DL	BP021128.D	1,4-Dioxane-d8	8	5.72	71		15	120
			Pyridine-d5	40	5.01	13	*	20	120
			Phenol-d5	40	30.34	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.27	76		10	150
			2-Chlorophenol-d4	40	32.07	80		15	120
			4-Methylphenol-d8	40	26.70	67		10	140
			Nitrobenzene-d5	40	33.70	84		10	135
			2-Nitrophenol-d4	40	33.06	83		10	120
			2,4-Dichlorophenol-d3	40	32.85	82		10	140
			4-Chloroaniline-d4	40	12.31	31		1	145
			Dimethylphthalate-d6	40	35.46	89		10	145
			Acenaphthylene-d8	40	36.33	91		15	120
			4-Nitrophenol-d4	40	29.87	75		10	150
			Fluorene-d10	40	38.80	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.03	40		10	130
			Anthracene-d10	40	37.18	93		10	150
			Pyrene-d10	40	28.65	72		10	130
			Benzo(a)pyrene-d12	40	26.00	65		10	140
P3238-17DL	A4C04DL	BP021127.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	4.23	53		15	120
			Phenol-d5	40	20.05	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.58	54		10	150
			2-Chlorophenol-d4	40	21.96	55		15	120
			4-Methylphenol-d8	40	20.70	52		10	140
			Nitrobenzene-d5	40	22.25	56		10	135
			2-Nitrophenol-d4	40	21.87	55		10	120
			2,4-Dichlorophenol-d3	40	22.59	56		10	140
			4-Chloroaniline-d4	40	9.76	24		1	145
			Dimethylphthalate-d6	40	24.79	62		10	145
			Acenaphthylene-d8	40	24.25	61		15	120
			4-Nitrophenol-d4	40	15.17	38		10	150
			Fluorene-d10	40	26.68	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.16	20		10	130
			Anthracene-d10	40	26.82	67		10	150
			Pyrene-d10	40	26.32	66		10	130
			Benzo(a)pyrene-d12	40	20.62	52		10	140



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

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162098BL	PB162098BL	BP021122.D	1,4-Dioxane-d8	8	6.06	76		15	120
			Pyridine-d5	40	27.38	68		20	120
			Phenol-d5	40	29.48	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.88	72		10	150
			2-Chlorophenol-d4	40	29.75	74		15	120
			4-Methylphenol-d8	40	28.10	70		10	140
			Nitrobenzene-d5	40	31.22	78		10	135
			2-Nitrophenol-d4	40	32.77	82		10	120
			2,4-Dichlorophenol-d3	40	30.13	75		10	140
			4-Chloroaniline-d4	40	26.84	67		1	145
			Dimethylphthalate-d6	40	31.42	79		10	145
			Acenaphthylene-d8	40	30.87	77		15	120
			4-Nitrophenol-d4	40	35.46	89		10	150
			Fluorene-d10	40	32.47	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.33	63		10	130
			Anthracene-d10	40	31.89	80		10	150
			Pyrene-d10	40	29.56	74		10	130
			Benzo(a)pyrene-d12	40	32.32	81		10	140

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-01DL	YDZD0DL	BP021123.D	1,4-Dioxane-d8	8	6.11	76		15	120
			Pyridine-d5	40	15.16	38		20	120
			Phenol-d5	40	8.11	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.59	36		25	120
			2-Chlorophenol-d4	40	16.99	42		20	130
			4-Methylphenol-d8	40	14.93	37		25	125
			Nitrobenzene-d5	40	14.86	37		20	125
			2-Nitrophenol-d4	40	14.38	36		20	130
			2,4-Dichlorophenol-d3	40	17.21	43		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	16.34	41		25	130
			Acenaphthylene-d8	40	15.89	40		10	130
			4-Nitrophenol-d4	40	13.68	34		10	150
			Fluorene-d10	40	17.31	43		25	125
			4,6-Dinitro-2-methylphenol-d2	40	7.96	20		10	130
			Anthracene-d10	40	16.98	42		25	130
			Pyrene-d10	40	14.55	36		15	130
			Benzo(a)pyrene-d12	40	16.33	41		20	130
P3244-02DL	YDZD2DL	BP021124.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Pyridine-d5	40	10.66	27		20	120
			Phenol-d5	40	7.70	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.15	50		25	120
			2-Chlorophenol-d4	40	19.85	50		20	130
			4-Methylphenol-d8	40	15.07	38		25	125
			Nitrobenzene-d5	40	21.79	54		20	125
			2-Nitrophenol-d4	40	21.08	53		20	130
			2,4-Dichlorophenol-d3	40	20.75	52		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	21.18	53		25	130
			Acenaphthylene-d8	40	20.81	52		10	130
			4-Nitrophenol-d4	40	14.88	37		10	150
			Fluorene-d10	40	22.27	56		25	125
			4,6-Dinitro-2-methylphenol-d2	40	11.43	29		10	130
			Anthracene-d10	40	22.09	55		25	130
			Pyrene-d10	40	22.09	55		15	130
			Benzo(a)pyrene-d12	40	22.23	56		20	130
P3244-03DL	YDZD4DL	BP021125.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	18.72	47		20	120
			Phenol-d5	40	7.28	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.63	72		25	120
			2-Chlorophenol-d4	40	21.81	55		20	130
			4-Methylphenol-d8	40	15.17	38		25	125
			Nitrobenzene-d5	40	30.50	76		20	125
			2-Nitrophenol-d4	40	26.46	66		20	130
			2,4-Dichlorophenol-d3	40	25.70	64		20	120
			4-Chloroaniline-d4	40	15.34	38		1	146
			Dimethylphthalate-d6	40	30.08	75		25	130
			Acenaphthylene-d8	40	28.99	72		10	130
			4-Nitrophenol-d4	40	9.30	23		10	150

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-03DL	YDZD4DL	BP021125.D	Fluorene-d10	40	30.19	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.43	24		10	130
			Anthracene-d10	40	30.87	77		25	130
			Pyrene-d10	40	31.35	78		15	130
			Benzo(a)pyrene-d12	40	29.31	73		20	130
P3244-04DL	YDZD5DL	BP021126.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Pyridine-d5	40	14.59	36		20	120
			Phenol-d5	40	4.62	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.27	53		25	120
			2-Chlorophenol-d4	40	13.05	33		20	130
			4-Methylphenol-d8	40	10.56	26		25	125
			Nitrobenzene-d5	40	23.71	59		20	125
			2-Nitrophenol-d4	40	14.72	37		20	130
			2,4-Dichlorophenol-d3	40	15.60	39		20	120
			4-Chloroaniline-d4	40	12.66	32		1	146
			Dimethylphthalate-d6	40	26.51	66		25	130
			Acenaphthylene-d8	40	24.92	62		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	26.32	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	26.79	67		25	130
			Pyrene-d10	40	26.45	66		15	130
			Benzo(a)pyrene-d12	40	26.25	66		20	130
PB162100BL	PB162100BL	BP021131.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Pyridine-d5	40	22.09	55		20	120
			Phenol-d5	40	26.75	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.98	67		25	120
			2-Chlorophenol-d4	40	27.21	68		20	130
			4-Methylphenol-d8	40	26.07	65		25	125
			Nitrobenzene-d5	40	29.44	74		20	125
			2-Nitrophenol-d4	40	30.26	76		20	130
			2,4-Dichlorophenol-d3	40	27.31	68		20	120
			4-Chloroaniline-d4	40	27.01	68		1	146
			Dimethylphthalate-d6	40	29.12	73		25	130
			Acenaphthylene-d8	40	29.40	73		10	130
			4-Nitrophenol-d4	40	29.64	74		10	150
			Fluorene-d10	40	30.39	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.04	55		10	130
			Anthracene-d10	40	30.54	76		25	130
			Pyrene-d10	40	31.84	80		15	130
			Benzo(a)pyrene-d12	40	29.92	75		20	130
PB162100BS	PB162100BS	BP021133.D	1,4-Dioxane-d8	8	6.63	83		15	120
			Pyridine-d5	40	26.80	67		20	120
			Phenol-d5	40	26.99	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.32	66		25	120
			2-Chlorophenol-d4	40	27.19	68		20	130
			4-Methylphenol-d8	40	24.85	62		25	125
			Nitrobenzene-d5	40	29.29	73		20	125
			2-Nitrophenol-d4	40	29.29	73		20	130



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

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162100BS	PB162100BS	BP021133.D	2,4-Dichlorophenol-d3	40	28.97	72		20	120
			4-Chloroaniline-d4	40	25.67	64		1	146
			Dimethylphthalate-d6	40	28.29	71		25	130
			Acenaphthylene-d8	40	29.08	73		10	130
			4-Nitrophenol-d4	40	38.98	97		10	150
			Fluorene-d10	40	29.93	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.05	70		10	130
			Anthracene-d10	40	29.39	73		25	130
			Pyrene-d10	40	25.27	63		15	130
			Benzo(a)pyrene-d12	40	29.61	74		20	130

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-09	YDZG0	BP021134.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	8.66	22		20	120
			Phenol-d5	40	7.51	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.91	67		25	120
			2-Chlorophenol-d4	40	24.67	62		20	130
			4-Methylphenol-d8	40	16.97	42		25	125
			Nitrobenzene-d5	40	29.14	73		20	125
			2-Nitrophenol-d4	40	29.61	74		20	130
			2,4-Dichlorophenol-d3	40	27.84	70		20	120
			4-Chloroaniline-d4	40	18.76	47		1	146
			Dimethylphthalate-d6	40	31.04	78		25	130
			Acenaphthylene-d8	40	30.10	75		10	130
			4-Nitrophenol-d4	40	6.53	16		10	150
			Fluorene-d10	40	31.07	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.08	65		10	130
			Anthracene-d10	40	31.05	78		25	130
			Pyrene-d10	40	33.03	83		15	130
			Benzo(a)pyrene-d12	40	32.34	81		20	130
P3244-10	YDZG1	BP021135.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	4.73	12	*	20	120
			Phenol-d5	40	6.57	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.51	64		25	120
			2-Chlorophenol-d4	40	22.99	57		20	130
			4-Methylphenol-d8	40	14.89	37		25	125
			Nitrobenzene-d5	40	27.04	68		20	125
			2-Nitrophenol-d4	40	28.11	70		20	130
			2,4-Dichlorophenol-d3	40	24.94	62		20	120
			4-Chloroaniline-d4	40	18.58	46		1	146
			Dimethylphthalate-d6	40	27.71	69		25	130
			Acenaphthylene-d8	40	26.83	67		10	130
			4-Nitrophenol-d4	40	6.49	16		10	150
			Fluorene-d10	40	28.44	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.04	60		10	130
			Anthracene-d10	40	30.02	75		25	130
			Pyrene-d10	40	30.23	76		15	130
			Benzo(a)pyrene-d12	40	30.37	76		20	130
P3244-11	YDZG2	BP021136.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	7.19	18	*	20	120
			Phenol-d5	40	6.98	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.74	57		25	120
			2-Chlorophenol-d4	40	21.72	54		20	130
			4-Methylphenol-d8	40	15.19	38		25	125
			Nitrobenzene-d5	40	24.90	62		20	125
			2-Nitrophenol-d4	40	25.16	63		20	130
			2,4-Dichlorophenol-d3	40	24.18	60		20	120
			4-Chloroaniline-d4	40	20.36	51		1	146
			Dimethylphthalate-d6	40	26.10	65		25	130
			Acenaphthylene-d8	40	25.77	64		10	130
			4-Nitrophenol-d4	40	6.75	17		10	150

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-11	YDZG2	BP021136.D	Fluorene-d10	40	26.27	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.56	54		10	130
			Anthracene-d10	40	27.13	68		25	130
			Pyrene-d10	40	24.30	61		15	130
			Benzo(a)pyrene-d12	40	28.00	70		20	130
P3244-12	YDZG3	BP021137.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	8.14	20		20	120
			Phenol-d5	40	6.88	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.49	56		25	120
			2-Chlorophenol-d4	40	21.45	54		20	130
			4-Methylphenol-d8	40	13.50	34		25	125
			Nitrobenzene-d5	40	24.46	61		20	125
			2-Nitrophenol-d4	40	25.18	63		20	130
			2,4-Dichlorophenol-d3	40	23.69	59		20	120
			4-Chloroaniline-d4	40	14.73	37		1	146
			Dimethylphthalate-d6	40	27.05	68		25	130
			Acenaphthylene-d8	40	26.08	65		10	130
			4-Nitrophenol-d4	40	6.53	16		10	150
			Fluorene-d10	40	26.91	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.83	55		10	130
			Anthracene-d10	40	27.86	70		25	130
			Pyrene-d10	40	27.45	69		15	130
			Benzo(a)pyrene-d12	40	30.29	76		20	130
			Pyridine-d5	40	22.42	56		20	120
			1,4-Dioxane-d8	8	5.61	70		15	120
PB162104BL	PB162104BL	BP021130.D	Phenol-d5	40	27.05	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.90	67		25	120
			2-Chlorophenol-d4	40	26.95	67		20	130
			4-Methylphenol-d8	40	26.00	65		25	125
			Nitrobenzene-d5	40	29.77	74		20	125
			2-Nitrophenol-d4	40	30.56	76		20	130
			2,4-Dichlorophenol-d3	40	28.54	71		20	120
			4-Chloroaniline-d4	40	27.43	69		1	146
			Dimethylphthalate-d6	40	28.68	72		25	130
			Acenaphthylene-d8	40	29.17	73		10	130
			4-Nitrophenol-d4	40	32.19	80		10	150
			Fluorene-d10	40	30.09	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.75	57		10	130
			Anthracene-d10	40	29.82	75		25	130
			Pyrene-d10	40	27.01	68		15	130
			Benzo(a)pyrene-d12	40	30.09	75		20	130
			1,4-Dioxane-d8	8	7.06	88		15	120
			Pyridine-d5	40	28.20	71		20	120
			Phenol-d5	40	28.17	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.56	69		25	120
PB162104BS	PB162104BS	BP021132.D	2-Chlorophenol-d4	40	28.58	71		20	130
			4-Methylphenol-d8	40	26.32	66		25	125
			Nitrobenzene-d5	40	31.45	79		20	125
			2-Nitrophenol-d4	40	31.47	79		20	130



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

Surrogate Summary

SW-846

SDG No.: BP072424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162104BS	PB162104BS	BP021132.D	2,4-Dichlorophenol-d3	40	30.22	76		20	120
			4-Chloroaniline-d4	40	26.44	66		1	146
			Dimethylphthalate-d6	40	29.59	74		25	130
			Acenaphthylene-d8	40	31.23	78		10	130
			4-Nitrophenol-d4	40	39.43	99		10	150
			Fluorene-d10	40	30.71	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.01	75		10	130
			Anthracene-d10	40	31.07	78		25	130
			Pyrene-d10	40	29.25	73		15	130
			Benzo(a)pyrene-d12	40	32.23	81		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072424

Lab Code: CHEM

SAS No.: BP072424 SDG NO.: BP072424

Lab File ID: BP021120.D

DFTPP Injection Date: 07/24/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	33
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41.8
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	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	96.7
443	15.0 - 24.0% of mass 442	18.7 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020702	SSTDCCC020	BP021121.D	07/24/2024	09:54
SBLK098	PB162098BL	BP021122.D	07/24/2024	10:39
YDZD0DL	P3244-01DL	BP021123.D	07/24/2024	11:24
YDZD2DL	P3244-02DL	BP021124.D	07/24/2024	12:06
YDZD4DL	P3244-03DL	BP021125.D	07/24/2024	12:48
YDZD5DL	P3244-04DL	BP021126.D	07/24/2024	13:33
A4C04DL	P3238-17DL	BP021127.D	07/24/2024	14:17
A4BE6DL	P3238-01DL	BP021128.D	07/24/2024	15:01
SSTD020703	SSTDCCC020	BP021129.D	07/24/2024	16:20
SBLK104	PB162104BL	BP021130.D	07/24/2024	18:02
SBLK100	PB162100BL	BP021131.D	07/24/2024	18:45
SLCS104	PB162104BS	BP021132.D	07/24/2024	19:29
SLCS100	PB162100BS	BP021133.D	07/24/2024	20:12
YDZG0	P3244-09	BP021134.D	07/24/2024	20:56
YDZG1	P3244-10	BP021135.D	07/24/2024	21:39
YDZG2	P3244-11	BP021136.D	07/24/2024	22:23
YDZG3	P3244-12	BP021137.D	07/24/2024	23:06
SSTD020704	SSTDCCC020EC	BP021138.D	07/25/2024	00:33