

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824
Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00
Lab File ID: BP021452.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020736 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	0.497	0.010	2.8665	40.0
Benzaldehyde	0.822	1.021	0.010	24.1593	40.0
Pyridine	1.312	1.226	0.010	-6.6015	40.0
Phenol	1.650	1.614	0.080	-2.1795	20.0
Bis(2-Chloroethyl)ether	1.363	1.314	0.100	-3.5795	20.0
2-Chlorophenol	1.346	1.317	0.200	-2.1622	20.0
2-Methylphenol	1.276	1.196	0.010	-6.2764	20.0
2,2-oxybis(1-Chloropropane)	1.969	2.015	0.010	2.316	40.0
Acetophenone	2.090	2.087	0.060	-0.1645	20.0
4-Methylphenol	1.367	1.343	0.010	-1.7373	20.0
N-Nitroso-di-n-propylamine	1.095	1.086	0.050	-0.8184	30.0
Hexachloroethane	0.605	0.570	0.100	-5.7289	20.0
Nitrobenzene	0.372	0.376	0.050	1.1438	25.0
Isophorone	0.740	0.727	0.050	-1.7089	25.0
2-Nitrophenol	0.185	0.181	0.050	-2.2426	25.0
2,4-Dimethylphenol	0.366	0.360	0.050	-1.6744	25.0
Bis(2-Chloroethoxy)methane	0.450	0.436	0.050	-3.0593	20.0
2,4-Dichlorophenol	0.317	0.301	0.060	-5.1084	20.0
Naphthalene	1.052	1.031	0.200	-2.0254	20.0
4-Chloroaniline	0.407	0.404	0.010	-0.7026	40.0
Hexachlorobutadiene	0.238	0.222	0.040	-6.4009	30.0
Caprolactam	0.098	0.091	0.010	-6.9705	40.0
4-Chloro-3-methylphenol	0.344	0.344	0.040	-0.0481	25.0
1-Methylnaphthalene	0.743	0.730	0.100	-1.6777	20.0
2-Methylnaphthalene	0.722	0.708	0.100	-2.0066	20.0
Hexachlorocyclopentadiene	0.340	0.413	0.010	21.4167	40.0
2,4,6-Trichlorophenol	0.410	0.388	0.090	-5.5684	25.0
2,4,5-Trichlorophenol	0.434	0.409	0.100	-5.892	25.0
1,1-Biphenyl	1.462	1.441	0.200	-1.4357	20.0
2-Chloronaphthalene	1.167	1.148	0.300	-1.6124	20.0
2-Nitroaniline	0.323	0.349	0.050	8.2271	40.0
Dimethylphthalate	1.475	1.463	0.300	-0.8176	20.0
2,6-Dinitrotoluene	0.295	0.299	0.080	1.3607	30.0
Acenaphthylene	1.848	1.841	0.400	-0.3725	20.0
3-Nitroaniline	0.257	0.283	0.010	10.1011	40.0
Acenaphthene	1.227	1.235	0.200	0.6861	20.0
2,4-Dinitrophenol	0.155	0.175	0.010	13.0434	40.0
4-Nitrophenol	0.168	0.209	0.010	24.3339	40.0
Dibenzofuran	1.680	1.718	0.300	2.2828	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00

Lab File ID: BP021452.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 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	0.443	0.070	9.497	30.0
Diethylphthalate	1.474	1.496	0.300	1.4496	20.0
Fluorene	1.371	1.397	0.200	1.9312	20.0
4-Chlorophenyl-phenylether	0.744	0.730	0.100	-1.8314	20.0
4-Nitroaniline	0.213	0.266	0.010	25.3499	40.0
4,6-Dinitro-2-methylphenol	0.128	0.114	0.010	-11.4016	40.0
N-Nitrosodiphenylamine	0.582	0.557	0.050	-4.3844	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.630	0.100	-3.0806	20.0
4-Bromophenyl-phenylether	0.234	0.216	0.070	-7.6637	20.0
Hexachlorobenzene	0.269	0.256	0.050	-4.8116	25.0
Atrazine	0.212	0.214	0.010	1.0396	25.0
Pentachlorophenol	0.146	0.148	0.010	1.1958	40.0
Phenanthrene	1.038	1.034	0.200	-0.3297	20.0
Pentachlorobenzene	0.318	0.292	0.050	-8.1169	20.0
Anthracene	1.058	1.063	0.200	0.5269	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.292	0.050	-8.6851	20.0
Carbazole	0.865	0.857	0.050	-0.9396	40.0
Di-n-butylphthalate	1.193	1.158	0.500	-2.8912	25.0
Fluoranthene	1.493	1.278	0.400	-14.4037	25.0
Pyrene	1.520	1.331	0.400	-12.3731	25.0
Butylbenzylphthalate	0.633	0.554	0.100	-12.5061	40.0
3,3-Dichlorobenzidine	0.457	0.402	0.010	-11.9904	40.0
Benzo (a) anthracene	1.401	1.328	0.300	-5.1974	30.0
Chrysene	1.302	1.251	0.200	-3.943	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.794	0.200	-12.8319	40.0
Di-n-octyl phthalate	1.321	1.274	0.010	-3.5361	40.0
Benzo (b) fluoranthene	1.214	1.229	0.200	1.2522	25.0
Benzo (k) fluoranthene	1.211	1.214	0.200	0.1965	25.0
Benzo (a) pyrene	1.147	1.084	0.200	-5.5021	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.483	0.200	0.3484	25.0
Dibenzo (a,h) anthracene	1.224	1.243	0.200	1.561	30.0
Benzo (g,h,i) perylene	1.204	1.176	0.200	-2.2698	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.366	0.040	-1.6706	20.0
1,4-Dioxane-d8	0.440	0.450	0.010	2.4138	25.0
Pyridine-d5	1.272	1.189	0.010	-6.5478	40.0
Phenol-d5	1.631	1.546	0.010	-5.1907	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.972	0.050	-1.6149	25.0
2-Chlorophenol-d4	1.343	1.292	0.200	-3.8178	20.0
4-Methylphenol-d8	1.354	1.255	0.010	-7.3383	20.0

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Instrument ID: BNA_P Calibration Date/Time: 8/8/2024 12:17:00

Lab File ID: BP021452.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 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	-1.8161	20.0
2-Nitrophenol-d4	0.178	0.170	0.050	-4.3654	30.0
2,4-Dichlorophenol-d3	0.322	0.303	0.060	-5.7394	20.0
4-Chloroaniline-d4	0.426	0.420	0.010	-1.4333	40.0
Dimethylphthalate-d6	1.454	1.466	0.300	0.8217	20.0
Acenaphthylene-d8	1.633	1.640	0.400	0.4599	20.0
4-Nitrophenol-d4	0.207	0.262	0.010	26.6231	40.0
Fluorene-d10	1.193	1.219	0.100	2.1892	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.110	0.010	-9.1305	40.0
Anthracene-d10	0.888	0.885	0.300	-0.4025	20.0
Pyrene-d10	1.236	1.089	0.300	-11.8979	25.0
Benzo(a)pyrene-d12	0.986	0.954	0.010	-3.3173	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.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16

Lab File ID: BP021463.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 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	0.479	0.010	-0.9772	40.0
Benzaldehyde	0.822	1.013	0.010	23.2135	40.0
Pyridine	1.312	1.078	0.010	-17.881	40.0
Phenol	1.650	1.597	0.080	-3.2302	20.0
Bis(2-Chloroethyl)ether	1.363	1.299	0.100	-4.6655	20.0
2-Chlorophenol	1.346	1.267	0.200	-5.9309	20.0
2-Methylphenol	1.276	1.223	0.010	-4.1764	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.985	0.010	0.8139	40.0
Acetophenone	2.090	2.068	0.060	-1.0739	20.0
4-Methylphenol	1.367	1.288	0.010	-5.7812	20.0
N-Nitroso-di-n-propylamine	1.095	1.035	0.050	-5.4915	30.0
Hexachloroethane	0.605	0.565	0.100	-6.6827	20.0
Nitrobenzene	0.372	0.460	0.050	23.6474	25.0
Isophorone	0.740	0.794	0.050	7.3593	25.0
2-Nitrophenol	0.185	0.184	0.050	-0.7805	25.0
2,4-Dimethylphenol	0.366	0.344	0.050	-5.9057	25.0
Bis(2-Chloroethoxy)methane	0.450	0.405	0.050	-9.8953	20.0
2,4-Dichlorophenol	0.317	0.295	0.060	-6.7709	20.0
Naphthalene	1.052	1.021	0.200	-2.9024	20.0
4-Chloroaniline	0.407	0.394	0.010	-3.1941	40.0
Hexachlorobutadiene	0.238	0.235	0.040	-1.0187	30.0
Caprolactam	0.098	0.096	0.010	-2.1527	40.0
4-Chloro-3-methylphenol	0.344	0.338	0.040	-1.8295	25.0
1-Methylnaphthalene	0.743	0.738	0.100	-0.5887	20.0
2-Methylnaphthalene	0.722	0.707	0.100	-2.0618	20.0
Hexachlorocyclopentadiene	0.340	0.320	0.010	-5.7072	40.0
2,4,6-Trichlorophenol	0.410	0.327	0.090	-20.2851	25.0
2,4,5-Trichlorophenol	0.434	0.355	0.100	-18.3448	25.0
1,1-Biphenyl	1.462	1.208	0.200	-17.3184	20.0
2-Chloronaphthalene	1.167	0.990	0.300	-15.1706	20.0
2-Nitroaniline	0.323	0.344	0.050	6.6171	40.0
Dimethylphthalate	1.475	1.463	0.300	-0.8107	20.0
2,6-Dinitrotoluene	0.295	0.295	0.080	0.0465	30.0
Acenaphthylene	1.848	1.816	0.400	-1.7715	20.0
3-Nitroaniline	0.257	0.278	0.010	8.3123	40.0
Acenaphthene	1.227	1.206	0.200	-1.6854	20.0
2,4-Dinitrophenol	0.155	0.169	0.010	9.0685	40.0
4-Nitrophenol	0.168	0.209	0.010	24.1764	40.0
Dibenzofuran	1.680	1.699	0.300	1.1612	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16

Lab File ID: BP021463.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 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	0.442	0.070	9.2079	30.0
Diethylphthalate	1.474	1.476	0.300	0.1355	20.0
Fluorene	1.371	1.377	0.200	0.4761	20.0
4-Chlorophenyl-phenylether	0.744	0.713	0.100	-4.1385	20.0
4-Nitroaniline	0.213	0.265	0.010	24.7798	40.0
4,6-Dinitro-2-methylphenol	0.128	0.116	0.010	-9.5352	40.0
N-Nitrosodiphenylamine	0.582	0.543	0.050	-6.8134	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.548	0.100	-15.5787	20.0
4-Bromophenyl-phenylether	0.234	0.215	0.070	-8.4786	20.0
Hexachlorobenzene	0.269	0.251	0.050	-6.5666	25.0
Atrazine	0.212	0.211	0.010	-0.5506	25.0
Pentachlorophenol	0.146	0.119	0.010	-18.1686	40.0
Phenanthrene	1.038	1.042	0.200	0.4059	20.0
Pentachlorobenzene	0.318	0.292	0.050	-8.1401	20.0
Anthracene	1.058	1.060	0.200	0.2271	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.257	0.050	-19.8694	20.0
Carbazole	0.865	0.921	0.050	6.5508	40.0
Di-n-butylphthalate	1.193	1.167	0.500	-2.1923	25.0
Fluoranthene	1.493	1.273	0.400	-14.7761	25.0
Pyrene	1.520	1.318	0.400	-13.2615	25.0
Butylbenzylphthalate	0.633	0.533	0.100	-15.7356	40.0
3,3-Dichlorobenzidine	0.457	0.431	0.010	-5.6493	40.0
Benzo (a) anthracene	1.401	1.345	0.300	-3.9634	30.0
Chrysene	1.302	1.277	0.200	-1.9247	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.761	0.200	-16.4836	40.0
Di-n-octyl phthalate	1.321	1.136	0.010	-14.0378	40.0
Benzo (b) fluoranthene	1.214	1.161	0.200	-4.3012	25.0
Benzo (k) fluoranthene	1.211	1.201	0.200	-0.8362	25.0
Benzo (a) pyrene	1.147	1.108	0.200	-3.4061	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.302	0.200	-11.8744	25.0
Dibenzo (a,h) anthracene	1.224	1.100	0.200	-10.1064	30.0
Benzo (g,h,i) perylene	1.204	1.119	0.200	-7.0305	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.359	0.040	-3.3658	20.0
1,4-Dioxane-d8	0.440	0.424	0.010	-3.5785	25.0
Pyridine-d5	1.272	1.081	0.010	-15.0049	40.0
Phenol-d5	1.631	1.524	0.010	-6.5395	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.954	0.050	-3.5024	25.0
2-Chlorophenol-d4	1.343	1.291	0.200	-3.9293	20.0
4-Methylphenol-d8	1.354	1.219	0.010	-9.9972	20.0

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Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:03:16

Lab File ID: BP021463.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.182	0.050	16.9995	20.0
2-Nitrophenol-d4	0.178	0.187	0.050	4.9713	30.0
2,4-Dichlorophenol-d3	0.322	0.306	0.060	-4.7018	20.0
4-Chloroaniline-d4	0.426	0.416	0.010	-2.2735	40.0
Dimethylphthalate-d6	1.454	1.450	0.300	-0.2579	20.0
Acenaphthylene-d8	1.633	1.597	0.400	-2.189	20.0
4-Nitrophenol-d4	0.207	0.228	0.010	10.1327	40.0
Fluorene-d10	1.193	1.208	0.100	1.305	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-9.9086	40.0
Anthracene-d10	0.888	0.893	0.300	0.5204	20.0
Pyrene-d10	1.236	1.073	0.300	-13.2312	25.0
Benzo(a)pyrene-d12	0.986	0.971	0.010	-1.5931	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.: BP080824 SAS No.: BP080824 SDG No.: BP080824
Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:12:23
Lab File ID: BP021468.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020738 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	0.491	0.010	1.6087	40.0
Benzaldehyde	0.822	0.987	0.010	20.1208	40.0
Pyridine	1.312	1.206	0.010	-8.0745	40.0
Phenol	1.650	1.536	0.080	-6.9117	20.0
Bis(2-Chloroethyl)ether	1.363	1.269	0.100	-6.8646	20.0
2-Chlorophenol	1.346	1.271	0.200	-5.6289	20.0
2-Methylphenol	1.276	1.114	0.010	-12.716	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.765	0.010	-10.3501	40.0
Acetophenone	2.090	1.994	0.060	-4.5966	20.0
4-Methylphenol	1.367	1.243	0.010	-9.0806	20.0
N-Nitroso-di-n-propylamine	1.095	0.933	0.050	-14.8167	30.0
Hexachloroethane	0.605	0.561	0.100	-7.2094	20.0
Nitrobenzene	0.372	0.418	0.050	12.3528	25.0
Isophorone	0.740	0.769	0.050	3.8998	25.0
2-Nitrophenol	0.185	0.188	0.050	1.5889	25.0
2,4-Dimethylphenol	0.366	0.385	0.050	5.3796	25.0
Bis(2-Chloroethoxy)methane	0.450	0.467	0.050	3.8878	20.0
2,4-Dichlorophenol	0.317	0.282	0.060	-11.1022	20.0
Naphthalene	1.052	1.034	0.200	-1.6655	20.0
4-Chloroaniline	0.407	0.438	0.010	7.6228	40.0
Hexachlorobutadiene	0.238	0.248	0.040	4.3221	30.0
Caprolactam	0.098	0.101	0.010	3.4846	40.0
4-Chloro-3-methylphenol	0.344	0.364	0.040	5.7889	25.0
1-Methylnaphthalene	0.743	0.793	0.100	6.7132	20.0
2-Methylnaphthalene	0.722	0.753	0.100	4.289	20.0
Hexachlorocyclopentadiene	0.340	0.408	0.010	19.9362	40.0
2,4,6-Trichlorophenol	0.410	0.377	0.090	-8.1772	25.0
2,4,5-Trichlorophenol	0.434	0.385	0.100	-11.3214	25.0
1,1-Biphenyl	1.462	1.438	0.200	-1.6349	20.0
2-Chloronaphthalene	1.167	1.144	0.300	-1.9715	20.0
2-Nitroaniline	0.323	0.339	0.050	4.9851	40.0
Dimethylphthalate	1.475	1.288	0.300	-12.6616	20.0
2,6-Dinitrotoluene	0.295	0.262	0.080	-11.2266	30.0
Acenaphthylene	1.848	1.731	0.400	-6.3536	20.0
3-Nitroaniline	0.257	0.261	0.010	1.8707	40.0
Acenaphthene	1.227	1.222	0.200	-0.4202	20.0
2,4-Dinitrophenol	0.155	0.139	0.010	-10.5759	40.0
4-Nitrophenol	0.168	0.148	0.010	-12.1802	40.0
Dibenzofuran	1.680	1.710	0.300	1.7731	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:12:23

Lab File ID: BP021468.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020738 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	0.430	0.070	6.3118	30.0
Diethylphthalate	1.474	1.463	0.300	-0.7811	20.0
Fluorene	1.371	1.395	0.200	1.7872	20.0
4-Chlorophenyl-phenylether	0.744	0.736	0.100	-1.0126	20.0
4-Nitroaniline	0.213	0.250	0.010	17.6061	40.0
4,6-Dinitro-2-methylphenol	0.128	0.112	0.010	-12.5598	40.0
N-Nitrosodiphenylamine	0.582	0.582	0.050	-0.0498	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.627	0.100	-3.3974	20.0
4-Bromophenyl-phenylether	0.234	0.222	0.070	-5.1659	20.0
Hexachlorobenzene	0.269	0.266	0.050	-0.9414	25.0
Atrazine	0.212	0.215	0.010	1.4037	25.0
Pentachlorophenol	0.146	0.144	0.010	-1.2494	40.0
Phenanthrene	1.038	1.092	0.200	5.2068	20.0
Pentachlorobenzene	0.318	0.317	0.050	-0.3449	20.0
Anthracene	1.058	1.103	0.200	4.3268	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.305	0.050	-4.646	20.0
Carbazole	0.865	0.955	0.050	10.4225	40.0
Di-n-butylphthalate	1.193	1.211	0.500	1.5366	25.0
Fluoranthene	1.493	1.169	0.400	-21.7391	25.0
Pyrene	1.520	1.221	0.400	-19.6149	25.0
Butylbenzylphthalate	0.633	0.531	0.100	-16.1211	40.0
3,3-Dichlorobenzidine	0.457	0.401	0.010	-12.158	40.0
Benzo (a) anthracene	1.401	1.334	0.300	-4.7583	30.0
Chrysene	1.302	1.286	0.200	-1.2097	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.764	0.200	-16.1512	40.0
Di-n-octyl phthalate	1.321	1.134	0.010	-14.1959	40.0
Benzo (b) fluoranthene	1.214	1.079	0.200	-11.0819	25.0
Benzo (k) fluoranthene	1.211	1.144	0.200	-5.5814	25.0
Benzo (a) pyrene	1.147	1.114	0.200	-2.9027	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.332	0.200	-9.8496	25.0
Dibenzo (a,h) anthracene	1.224	1.109	0.200	-9.402	30.0
Benzo (g,h,i) perylene	1.204	1.121	0.200	-6.8485	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.357	0.040	-3.8959	20.0
1,4-Dioxane-d8	0.440	0.441	0.010	0.3024	25.0
Pyridine-d5	1.272	1.179	0.010	-7.3554	40.0
Phenol-d5	1.631	1.475	0.010	-9.5432	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.960	0.050	-2.8879	25.0
2-Chlorophenol-d4	1.343	1.273	0.200	-5.2629	20.0
4-Methylphenol-d8	1.354	1.047	0.010	-22.6706	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:12:23

Lab File ID: BP021468.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020738 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.162	0.050	4.5318	20.0
2-Nitrophenol-d4	0.178	0.179	0.050	0.8085	30.0
2,4-Dichlorophenol-d3	0.322	0.307	0.060	-4.5016	20.0
4-Chloroaniline-d4	0.426	0.427	0.010	0.2545	40.0
Dimethylphthalate-d6	1.454	1.344	0.300	-7.5897	20.0
Acenaphthylene-d8	1.633	1.522	0.400	-6.7938	20.0
4-Nitrophenol-d4	0.207	0.193	0.010	-6.6702	40.0
Fluorene-d10	1.193	1.223	0.100	2.508	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-10.1578	40.0
Anthracene-d10	0.888	0.935	0.300	5.2701	20.0
Pyrene-d10	1.236	0.971	0.300	-21.4716	25.0
Benzo(a)pyrene-d12	0.986	0.975	0.010	-1.2013	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:21:56

Lab File ID: BP021479.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 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	0.460	0.010	-4.8566	50.0
Benzaldehyde	0.822	1.013	0.010	23.2255	50.0
Pyridine	1.312	1.089	0.010	-16.9872	50.0
Phenol	1.650	1.555	0.080	-5.7599	50.0
Bis(2-Chloroethyl)ether	1.363	1.288	0.100	-5.5052	50.0
2-Chlorophenol	1.346	1.285	0.200	-4.575	50.0
2-Methylphenol	1.276	1.208	0.010	-5.3679	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.976	0.010	0.3637	50.0
Acetophenone	2.090	2.019	0.060	-3.4216	50.0
4-Methylphenol	1.367	1.268	0.010	-7.2746	50.0
N-Nitroso-di-n-propylamine	1.095	1.022	0.050	-6.682	50.0
Hexachloroethane	0.605	0.555	0.100	-8.257	50.0
Nitrobenzene	0.372	0.380	0.050	2.0096	50.0
Isophorone	0.740	0.648	0.050	-12.4154	50.0
2-Nitrophenol	0.185	0.153	0.050	-17.267	50.0
2,4-Dimethylphenol	0.366	0.295	0.050	-19.2141	50.0
Bis(2-Chloroethoxy)methane	0.450	0.403	0.050	-10.3904	50.0
2,4-Dichlorophenol	0.317	0.277	0.060	-12.6538	50.0
Naphthalene	1.052	1.044	0.200	-0.7756	50.0
4-Chloroaniline	0.407	0.410	0.010	0.7079	50.0
Hexachlorobutadiene	0.238	0.224	0.040	-5.8785	50.0
Caprolactam	0.098	0.095	0.010	-2.4436	50.0
4-Chloro-3-methylphenol	0.344	0.341	0.040	-1.0328	50.0
1-Methylnaphthalene	0.743	0.738	0.100	-0.6893	50.0
2-Methylnaphthalene	0.722	0.708	0.100	-1.9383	50.0
Hexachlorocyclopentadiene	0.340	0.449	0.010	32.1148	50.0
2,4,6-Trichlorophenol	0.410	0.396	0.090	-3.5942	50.0
2,4,5-Trichlorophenol	0.434	0.404	0.100	-6.9813	50.0
1,1-Biphenyl	1.462	1.499	0.200	2.5655	50.0
2-Chloronaphthalene	1.167	1.209	0.300	3.601	50.0
2-Nitroaniline	0.323	0.360	0.050	11.6229	50.0
Dimethylphthalate	1.475	1.448	0.300	-1.8606	50.0
2,6-Dinitrotoluene	0.295	0.292	0.080	-0.9693	50.0
Acenaphthylene	1.848	1.793	0.400	-3.007	50.0
3-Nitroaniline	0.257	0.278	0.010	8.4907	50.0
Acenaphthene	1.227	1.224	0.200	-0.1911	50.0
2,4-Dinitrophenol	0.155	0.175	0.010	12.7767	50.0
4-Nitrophenol	0.168	0.154	0.010	-8.3127	50.0
Dibenzofuran	1.680	1.763	0.300	4.9655	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:21:56

Lab File ID: BP021479.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 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	0.458	0.070	13.1517	50.0
Diethylphthalate	1.474	1.544	0.300	4.7011	50.0
Fluorene	1.371	1.449	0.200	5.7175	50.0
4-Chlorophenyl-phenylether	0.744	0.755	0.100	1.5498	50.0
4-Nitroaniline	0.213	0.276	0.010	30.018	50.0
4,6-Dinitro-2-methylphenol	0.128	0.132	0.010	2.497	50.0
N-Nitrosodiphenylamine	0.582	0.625	0.050	7.38	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.662	0.100	1.9665	50.0
4-Bromophenyl-phenylether	0.234	0.251	0.070	6.9879	50.0
Hexachlorobenzene	0.269	0.299	0.050	11.3395	50.0
Atrazine	0.212	0.239	0.010	12.3961	50.0
Pentachlorophenol	0.146	0.148	0.010	1.3162	50.0
Phenanthrene	1.038	1.027	0.200	-0.9971	50.0
Pentachlorobenzene	0.318	0.335	0.050	5.3163	50.0
Anthracene	1.058	1.043	0.200	-1.3753	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.332	0.050	3.7877	50.0
Carbazole	0.865	0.892	0.050	3.1631	50.0
Di-n-butylphthalate	1.193	1.128	0.500	-5.4354	50.0
Fluoranthene	1.493	1.249	0.400	-16.3683	50.0
Pyrene	1.520	1.283	0.400	-15.5915	50.0
Butylbenzylphthalate	0.633	0.503	0.100	-20.5356	50.0
3,3-Dichlorobenzidine	0.457	0.409	0.010	-10.4956	50.0
Benzo (a) anthracene	1.401	1.334	0.300	-4.7823	50.0
Chrysene	1.302	1.280	0.200	-1.7141	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.720	0.200	-20.9431	50.0
Di-n-octyl phthalate	1.321	0.990	0.010	-25.1043	50.0
Benzo (b) fluoranthene	1.214	1.172	0.200	-3.4078	50.0
Benzo (k) fluoranthene	1.211	1.225	0.200	1.1704	50.0
Benzo (a) pyrene	1.147	1.118	0.200	-2.5362	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.358	0.200	-8.108	50.0
Dibenzo (a,h) anthracene	1.224	1.140	0.200	-6.8783	50.0
Benzo (g,h,i) perylene	1.204	1.103	0.200	-8.3273	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.373	0.040	0.2581	50.0
Pyridine-d5	1.272	1.019	0.010	-19.952	50.0
1,4-Dioxane-d8	0.440	0.426	0.010	-3.0334	50.0
Phenol-d5	1.631	1.500	0.010	-8.0101	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.969	0.050	-1.9237	50.0
2-Chlorophenol-d4	1.343	1.263	0.200	-5.9764	50.0
4-Methylphenol-d8	1.354	1.217	0.010	-10.1134	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG No.: BP080824

Instrument ID: BNA_P Calibration Date/Time: 8/9/2024 12:21:56

Lab File ID: BP021479.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.154	0.050	-0.9545	50.0
2-Nitrophenol-d4	0.178	0.153	0.050	-13.9701	50.0
2,4-Dichlorophenol-d3	0.322	0.284	0.060	-11.7961	50.0
4-Chloroaniline-d4	0.426	0.400	0.010	-5.9855	50.0
Dimethylphthalate-d6	1.454	1.435	0.300	-1.2781	50.0
Acenaphthylene-d8	1.633	1.588	0.400	-2.7422	50.0
4-Nitrophenol-d4	0.207	0.265	0.010	27.9289	50.0
Fluorene-d10	1.193	1.259	0.100	5.5867	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.122	0.010	0.6682	50.0
Anthracene-d10	0.888	0.901	0.300	1.473	50.0
Pyrene-d10	1.236	1.058	0.300	-14.4655	50.0
Benzo(a)pyrene-d12	0.986	0.962	0.010	-2.4285	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	10000	ug/Kg
110-86-1	Pyridine	1700	U	1700	5000	10000	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	780	U	780	1300	5000	ug/Kg
95-48-7	2-Methylphenol	870	U	870	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	970	U	970	2500	10000	ug/Kg
106-44-5	4-Methylphenol	850	U	850	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	940	U	940	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	710	U	710	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	640	U	640	1300	5000	ug/Kg
91-20-3	Naphthalene	700	U	700	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	560	U	560	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	640	U	640	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	760	U	760	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	700	U	700	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	700	U	700	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	730	U	730	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	790	U	790	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	850	U	850	2500	10000	ug/Kg
83-32-9	Acenaphthene	820	U	820	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	10000	ug/Kg
132-64-9	Dibenzofuran	720	U	720	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	970	U	970	1300	5000	ug/Kg
84-66-2	Diethylphthalate	820	U	820	1300	5000	ug/Kg
86-73-7	Fluorene	710	U	710	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	710	U	710	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	770	U	770	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	730	U	730	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	U	710	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	810	U	810	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	10000	ug/Kg
85-01-8	Phenanthrene	840	U	840	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	680	U	680	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	610	U	610	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	550	U	550	1300	5000	ug/Kg
218-01-9	Chrysene	780	U	780	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	770	U	770	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770	U	770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920	U	920	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970	U	970	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.523		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	21.571		20-120		54	SPK: -40
4165-62-2	Phenol-d5	22.011		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.512		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.33		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.525		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	28.545		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.501		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.475		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.163		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.146		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.118		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.549		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.547		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK536	SDG No.:	BP080824
Lab Sample ID:	PB162536BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021453.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.856		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	26.809		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	23.672		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.804		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172576	7.61				
1146-65-2	Naphthalene-d8	582590	10.381				
15067-26-2	Acenaphthene-d10	465613	14.251				
1517-22-2	Phenanthrene-d10	1024999	17.075				
1719-03-5	Chrysene-d12	1045428	21.515				
1520-96-3	Perylene-d12	1173217	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.709		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	22.273		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.782		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.486		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.839		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.51		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.023		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.586		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.181		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.664		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.931		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	26.645		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.819		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.66		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SBLK539	SDG No.:	BP080824
Lab Sample ID:	PB162539BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021454.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.285		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	27.148		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	25.044		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.495		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174527	7.604				
1146-65-2	Naphthalene-d8	707112	10.381				
15067-26-2	Acenaphthene-d10	384377	14.251				
1517-22-2	Phenanthrene-d10	859642	17.069				
1719-03-5	Chrysene-d12	992024	21.521				
1520-96-3	Perylene-d12	1113121	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6200	U	6200	4600	46000	ug/Kg
100-52-7	Benzaldehyde	32000	U	32000	56900	230000	ug/Kg
110-86-1	Pyridine	39000	U	39000	113900	230000	ug/Kg
108-95-2	Phenol	28000	U	28000	56900	230000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	25000	U	25000	56900	230000	ug/Kg
95-57-8	2-Chlorophenol	18000	U	18000	29300	120000	ug/Kg
95-48-7	2-Methylphenol	20000	U	20000	56900	230000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46000	U	46000	56900	230000	ug/Kg
98-86-2	Acetophenone	41000	JD	22000	56900	230000	ug/Kg
106-44-5	4-Methylphenol	20000	U	20000	56900	230000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39000	U	39000	29300	120000	ug/Kg
67-72-1	Hexachloroethane	11000	U	11000	29300	120000	ug/Kg
98-95-3	Nitrobenzene	22000	U	22000	29300	120000	ug/Kg
78-59-1	Isophorone	25000	U	25000	29300	120000	ug/Kg
88-75-5	2-Nitrophenol	16000	U	16000	29300	120000	ug/Kg
105-67-9	2,4-Dimethylphenol	16000	U	16000	29300	120000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30000	U	30000	29300	120000	ug/Kg
120-83-2	2,4-Dichlorophenol	15000	U	15000	29300	120000	ug/Kg
91-20-3	Naphthalene	3600000	ED	16000	29300	120000	ug/Kg
106-47-8	4-Chloroaniline	13000	U	13000	29300	230000	ug/Kg
87-68-3	Hexachlorobutadiene	32000	U	32000	29300	120000	ug/Kg
105-60-2	Caprolactam	64000	U	64000	56900	230000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30000	U	30000	29300	120000	ug/Kg
90-12-0	1-Methylnaphthalene	920000	D	28000	29300	120000	ug/Kg
91-57-6	2-Methylnaphthalene	2000000	ED	15000	29300	120000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	62000	U	62000	56900	230000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28000	U	28000	29300	120000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	17000	U	17000	29300	120000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	520000	D	16000	29300	120000	ug/Kg
91-58-7	2-Chloronaphthalene	16000	U	16000	29300	120000	ug/Kg
88-74-4	2-Nitroaniline	37000	U	37000	29300	120000	ug/Kg
131-11-3	Dimethylphthalate	17000	U	17000	29300	120000	ug/Kg
606-20-2	2,6-Dinitrotoluene	30000	U	30000	29300	120000	ug/Kg
208-96-8	Acenaphthylene	30000	JD	18000	29300	120000	ug/Kg
99-09-2	3-Nitroaniline	20000	U	20000	56900	230000	ug/Kg
83-32-9	Acenaphthene	2700000	ED	19000	29300	120000	ug/Kg
51-28-5	2,4-Dinitrophenol	67000	U	67000	56900	230000	ug/Kg
100-02-7	4-Nitrophenol	25000	U	25000	56900	230000	ug/Kg
132-64-9	Dibenzofuran	2200000	ED	17000	29300	120000	ug/Kg
121-14-2	2,4-Dinitrotoluene	22000	U	22000	29300	120000	ug/Kg
84-66-2	Diethylphthalate	19000	U	19000	29300	120000	ug/Kg
86-73-7	Fluorene	2600000	ED	16000	29300	120000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	16000	U	16000	29300	120000	ug/Kg
100-01-6	4-Nitroaniline	18000	U	18000	56900	230000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51000	U	51000	56900	230000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	17000	U	17000	29300	120000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	15000	U	15000	29300	120000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16000	U	16000	29300	120000	ug/Kg
118-74-1	Hexachlorobenzene	19000	U	19000	29300	120000	ug/Kg
1912-24-9	Atrazine	46000	U	46000	56900	230000	ug/Kg
87-86-5	Pentachlorophenol	41000	U	41000	56900	230000	ug/Kg
85-01-8	Phenanthrene	7400000	ED	19000	29300	120000	ug/Kg
608-93-5	Pentachlorobenzene	37000	U	37000	29300	120000	ug/Kg
120-12-7	Anthracene	3200000	ED	16000	29300	120000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39000	U	39000	29300	120000	ug/Kg
86-74-8	Carbazole	1400000	D	14000	56900	230000	ug/Kg
84-74-2	Di-n-butylphthalate	35000	U	35000	29300	120000	ug/Kg
206-44-0	Fluoranthene	4900000	ED	32000	56900	120000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500000	ED	25000	29300	120000	ug/Kg
85-68-7	Butylbenzylphthalate	55000	U	55000	29300	120000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37000	U	37000	56900	230000	ug/Kg
56-55-3	Benzo(a)anthracene	1700000	D	13000	29300	120000	ug/Kg
218-01-9	Chrysene	1500000	D	18000	29300	120000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60000	U	60000	29300	120000	ug/Kg
117-84-0	Di-n-octyl phthalate	62000	U	62000	56900	230000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500000	D	25000	29300	120000	ug/Kg
207-08-9	Benzo(k)fluoranthene	640000	D	18000	29300	120000	ug/Kg
50-32-8	Benzo(a)pyrene	890000	D	25000	29300	120000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520000	D	21000	29300	120000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180000	D	18000	29300	120000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100000	JD	21000	29300	120000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	22000	U	22000	29300	120000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.58		15-120		32	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	4		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.71		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.36		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	8		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	6.29		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.6		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.09		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.59		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	10.91		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.03		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	11.89		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.84	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	13.3		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.11		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.98		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168551	7.616				
1146-65-2	Naphthalene-d8	707152	10.363				
15067-26-2	Acenaphthene-d10	445614	14.245				
1517-22-2	Phenanthrene-d10	932657	17.069				
1719-03-5	Chrysene-d12	830784	21.504				
1520-96-3	Perylene-d12	1081722	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000270-82-6	Benzo[c]thiophene	130000	JD			10.545	
001127-76-0	Naphthalene, 1-ethyl-	160000	JD			13.257	
000581-42-0	Naphthalene, 2,6-dimethyl-	140000	JD			13.398	
000573-98-8	Naphthalene, 1,2-dimethyl-	270000	JD			13.557	
000575-37-1	Naphthalene, 1,7-dimethyl-	170000	JD			13.61	
000575-43-9	Naphthalene, 1,6-dimethyl-	150000	JD			13.804	
001855-47-6	1-Isopropenylnaphthalene	190000	JD			15.445	
000101-81-5	Diphenylmethane	240000	JD			15.486	
000954-21-2	Nordiphenamid	140000	JD			15.569	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	250000	JD			15.616	
001689-64-1	9H-Fluorene-9-ol	440000	JD			15.78	
000613-31-0	Anthracene, 9,10-dihydro-	110000	JD			16.139	
001730-37-6	9H-Fluorene, 1-methyl-	300000	JD			16.357	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	140000	JD			16.792	
000132-65-0	Dibenzothiophene	650000	JD			16.886	
000260-94-6	Acridine	260000	JD			17.298	
000605-02-7	Naphthalene, 1-phenyl-	90000	JD			17.592	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6	SDG No.:	BP080824
Lab Sample ID:	P3435-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021455.D	10	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	510000	JD			17.974	
000832-69-9	Phenanthrene, 1-methyl-	660000	JD			18.021	
000613-12-7	Anthracene, 2-methyl-	280000	JD			18.11	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200000	JD			18.174	
000610-48-0	Anthracene, 1-methyl-	260000	JD			18.216	
000612-94-2	Naphthalene, 2-phenyl-	430000	JD			18.498	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160000	JD			18.927	
000243-17-4	11H-Benzo[b]fluorene	130000	JD			20.11	
002381-21-7	Pyrene, 1-methyl-	150000	JD			20.21	
007476-08-6	Benz(a)anthracene-7-carbonitrile	110000	JD			23.386	
000192-97-2	Benzo[e]pyrene	350000	JD			24.009	
000198-55-0	Perylene	410000	JD			24.468	
	unknown-01	270000	JD			24.874	
E966796	Total Alkanes	16000	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9800		270	200	2000	ug/Kg
100-52-7	Benzaldehyde	28000		1400	2500	9900	ug/Kg
110-86-1	Pyridine	21000		1700	4900	9900	ug/Kg
108-95-2	Phenol	28000		1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	26000		1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	28000		770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	27000		860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27000		2000	2500	9900	ug/Kg
98-86-2	Acetophenone	28000		960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	28000		840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	27000		1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	26000		480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	28000		930	1300	5000	ug/Kg
78-59-1	Isophorone	27000		1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	28000		690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	23000		700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000		1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	27000		630	1300	5000	ug/Kg
91-20-3	Naphthalene	27000		690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	25000		550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	26000		1400	1300	5000	ug/Kg
105-60-2	Caprolactam	31000		2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29000		1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	27000		1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	28000		630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8600	J	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	26000		750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28000		690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	27000		690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	32000		1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	28000		720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	29000		1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	27000		780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	33000		840	2500	9900	ug/Kg
83-32-9	Acenaphthene	27000		810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	28000		2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	27000		1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	29000		710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	32000		960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	29000		810	1300	5000	ug/Kg
86-73-7	Fluorene	29000		700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28000		700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	40000		760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	27000		2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27000		720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27000		630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26000		700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	27000		800	1300	5000	ug/Kg
1912-24-9	Atrazine	3000	J	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	19000		1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	29000		830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	25000		1600	1300	5000	ug/Kg
120-12-7	Anthracene	28000		670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	25000		1700	1300	5000	ug/Kg
86-74-8	Carbazole	31000		600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	28000		1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	25000		1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26000		1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	26000		2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28000		1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	28000		540	1300	5000	ug/Kg
218-01-9	Chrysene	29000		770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25000		2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	27000		2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	29000		1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	29000		760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	28000		1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29000		900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29000		760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27000		910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000		960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.382		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	21.91		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.351		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.119		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.781		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.264		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.072		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.444		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.151		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.757		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.795		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.422		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.074		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	29.94		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS536	SDG No.:	BP080824
Lab Sample ID:	PB162536BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021456.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.174		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	28.365		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.277		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.923		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170089	7.611				
1146-65-2	Naphthalene-d8	707632	10.369				
15067-26-2	Acenaphthene-d10	469380	14.246				
1517-22-2	Phenanthrene-d10	1022683	17.075				
1719-03-5	Chrysene-d12	993903	21.51				
1520-96-3	Perylene-d12	1133750	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9500		260	190	2000	ug/Kg
100-52-7	Benzaldehyde	26000		1400	2400	9800	ug/Kg
110-86-1	Pyridine	20000		1700	4900	9800	ug/Kg
108-95-2	Phenol	26000		1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	25000		1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	26000		760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	26000		850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	26000		2000	2400	9800	ug/Kg
98-86-2	Acetophenone	23000		950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	24000		830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	22000		1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	21000		470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	27000		920	1300	4900	ug/Kg
78-59-1	Isophorone	25000		1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	26000		690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	21000		700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	25000		1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	25000		630	1300	4900	ug/Kg
91-20-3	Naphthalene	26000		690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	24000		550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	24000		1400	1300	4900	ug/Kg
105-60-2	Caprolactam	28000		2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28000		1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	25000		1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	26000		630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	10000		2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26000		1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29000		750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28000		690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	27000		690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	28000		1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	27000		720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	28000		1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	26000		770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	31000		830	2400	9800	ug/Kg
83-32-9	Acenaphthene	26000		800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	26000		2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	30000		1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	28000		710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	30000		950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	27000		800	1300	4900	ug/Kg
86-73-7	Fluorene	28000		700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27000		700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	35000		750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21000		2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26000		720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30000		630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26000		700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	27000		790	1300	4900	ug/Kg
1912-24-9	Atrazine	2800	J	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	19000		1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	27000		820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	26000		1600	1300	4900	ug/Kg
120-12-7	Anthracene	26000		670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26000		1700	1300	4900	ug/Kg
86-74-8	Carbazole	29000		600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	26000		1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	21000		1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22000		1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	21000		2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26000		1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	26000		540	1300	4900	ug/Kg
218-01-9	Chrysene	27000		760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	24000		2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	25000		2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	28000		1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	27000		750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	26000		1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27000		890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26000		750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25000		900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000		950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.187		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	21.853		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.688		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.037		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.245		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	21.416		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.491		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.096		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.995		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.292		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.661		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.204		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.808		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	28.684		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	SLCS539	SDG No.:	BP080824
Lab Sample ID:	PB162539BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021457.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.483		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	27.156		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	21.787		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.185		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187961	7.599				
1146-65-2	Naphthalene-d8	774284	10.375				
15067-26-2	Acenaphthene-d10	429083	14.251				
1517-22-2	Phenanthrene-d10	938704	17.075				
1719-03-5	Chrysene-d12	1051902	21.51				
1520-96-3	Perylene-d12	1182718	24.769				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	240	2400	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	3000	12000	ug/Kg
110-86-1	Pyridine	2000	U	2000	5900	12000	ug/Kg
108-95-2	Phenol	1400	U	1400	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	940	U	940	1500	6000	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400	U	2400	3000	12000	ug/Kg
98-86-2	Acetophenone	1200	U	1200	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1500	6000	ug/Kg
67-72-1	Hexachloroethane	580	U	580	1500	6000	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	6000	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	6000	ug/Kg
88-75-5	2-Nitrophenol	840	U	840	1500	6000	ug/Kg
105-67-9	2,4-Dimethylphenol	850	U	850	1500	6000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600	U	1600	1500	6000	ug/Kg
120-83-2	2,4-Dichlorophenol	770	U	770	1500	6000	ug/Kg
91-20-3	Naphthalene	840	U	840	1500	6000	ug/Kg
106-47-8	4-Chloroaniline	670	U	670	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	1500	6000	ug/Kg
105-60-2	Caprolactam	3400	U	3400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1500	6000	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	1500	6000	ug/Kg
91-57-6	2-Methylnaphthalene	1300	J	770	1500	6000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	U	3200	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	6000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910	U	910	1500	6000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840	U	840	1500	6000	ug/Kg
91-58-7	2-Chloronaphthalene	840	U	840	1500	6000	ug/Kg
88-74-4	2-Nitroaniline	1900	U	1900	1500	6000	ug/Kg
131-11-3	Dimethylphthalate	880	U	880	1500	6000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1500	6000	ug/Kg
208-96-8	Acenaphthylene	950	U	950	1500	6000	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	3000	12000	ug/Kg
83-32-9	Acenaphthene	990	U	990	1500	6000	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	3000	12000	ug/Kg
132-64-9	Dibenzofuran	870	U	870	1500	6000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1500	6000	ug/Kg
84-66-2	Diethylphthalate	990	U	990	1500	6000	ug/Kg
86-73-7	Fluorene	850	U	850	1500	6000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	850	U	850	1500	6000	ug/Kg
100-01-6	4-Nitroaniline	930	U	930	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880	U	880	1500	6000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770	U	770	1500	6000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850	U	850	1500	6000	ug/Kg
118-74-1	Hexachlorobenzene	970	U	970	1500	6000	ug/Kg
1912-24-9	Atrazine	2400	U	2400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	210000	E	2200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	1500	6000	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6000	ug/Kg
120-12-7	Anthracene	820	U	820	1500	6000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000	U	2000	1500	6000	ug/Kg
86-74-8	Carbazole	730	U	730	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1500	6000	ug/Kg
206-44-0	Fluoranthene	1700	U	1700	3000	6000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300	U	1300	1500	6000	ug/Kg
85-68-7	Butylbenzylphthalate	2900	U	2900	1500	6000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	660	U	660	1500	6000	ug/Kg
218-01-9	Chrysene	940	U	940	1500	6000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100	U	3100	1500	6000	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	U	3200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1500	6000	ug/Kg
207-08-9	Benzo(k)fluoranthene	930	U	930	1500	6000	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1500	6000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1500	6000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930	U	930	1500	6000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	6000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000		1200	1500	6000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.611		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	13.909		20-120		35	SPK: -40
4165-62-2	Phenol-d5	19.086		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.59		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.534		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	22.135		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	19.184		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.395		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.971		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.761		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.57		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	29.816		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.345		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.19		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.142		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	33.817		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	33.879		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.65		10-140		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173368	7.599				
1146-65-2	Naphthalene-d8	683204	10.375				
15067-26-2	Acenaphthene-d10	390563	14.251				
1517-22-2	Phenanthrene-d10	952540	17.075				
1719-03-5	Chrysene-d12	938220	21.516				
1520-96-3	Perylene-d12	1071543	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.622	4000	J			5.622	
	(DEL) Alkane: Straight-Chain6.740	4000	J			6.74	
	(DEL) Alkane: Straight-Chain7.534	2600	J			7.534	
1000249-77-4	1,1-Hexylenedioxybutane	4400	J			7.793	
	(DEL) Alkane: Straight-Chain8.087	2800	J			8.087	
	(DEL) Alkane: Straight-Chain8.146	2800	J			8.146	
	(DEL) Alkane: Straight-Chain8.216	5000	J			8.216	
000149-57-5	Hexanoic acid, 2-ethyl-	2600	J			8.916	
	(DEL) Alkane: Straight-Chain10.310	5700	J			10.31	
019594-40-2	Heptyl isobutyl ketone	3800	J			10.463	
	unknown-01	5400	J			10.716	
054340-84-0	Benzene, 1,2,4-trimethyl-5-(1-meth	4500	J			11.463	
000126-30-7	Neopentyl glycol	4400	J			11.616	
	(DEL) Alkane: Straight-Chain11.769	4600	J			11.769	
	(DEL) Alkane: Cyclic11.816	3000	J			11.816	
	(DEL) Alkane: Straight-Chain13.028	4700	J			13.028	
	unknown-02	3800	J			13.863	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9ME	SDG No.:	BP080824
Lab Sample ID:	P3171-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021458.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	12000	J			14.122	
004948-51-0	9-Methyl-S-octahydroanthracene	6100	J			14.381	
	unknown-03	2700	J			14.463	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	5900	J			15.01	
	(DEL) Alkane: Straight-Chain15.104	5500	J			15.104	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	3500	J			15.898	
	(DEL) Alkane: Straight-Chain15.987	6700	J			15.987	
	(DEL) Alkane: Straight-Chain17.569	3500	J			17.569	
000057-10-3	n-Hexadecanoic acid	2500	J			18.004	
	(DEL) Alkane: Straight-Chain18.281	2500	J			18.281	
	(DEL) Alkane: Cyclic21.157	5600	J			21.157	
E966796	Total Alkanes	63000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	1300	U	1300	2400	9600	ug/Kg
110-86-1	Pyridine	1600	U	1600	4800	9600	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	750	U	750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	840	U	840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9600	ug/Kg
98-86-2	Acetophenone	930	U	930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	820	U	820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1600	U	1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	460	U	460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	900	U	900	1200	4800	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	670	U	670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	680	U	680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	620	U	620	1200	4800	ug/Kg
91-20-3	Naphthalene	670	U	670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1200	4800	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	620	U	620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	730	U	730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
		uL	
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	670	U	670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	670	U	670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	1500	U	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	700	U	700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	760	U	760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	820	U	820	2400	9600	ug/Kg
83-32-9	Acenaphthene	790	U	790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	690	U	690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	930	U	930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	790	U	790	1200	4800	ug/Kg
86-73-7	Fluorene	680	U	680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	680	U	680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	740	U	740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	700	U	700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680	U	680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	780	U	780	1200	4800	ug/Kg
1912-24-9	Atrazine	1900	U	1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	1700	U	1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	810	U	810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	1500	U	1500	1200	4800	ug/Kg
120-12-7	Anthracene	650	U	650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600	U	1600	1200	4800	ug/Kg
86-74-8	Carbazole	590	U	590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	2300	U	2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500	U	1500	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	530	U	530	1200	4800	ug/Kg
218-01-9	Chrysene	750	U	750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	740	U	740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880	U	880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740	U	740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	U	880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	930	U	930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.011		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	19.265		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.353		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.192		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.274		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.507		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	24.825		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.435		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.209		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.735		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.68		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.194		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.586		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	40.454		20-140		101	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y8	SDG No.:	BP080824
Lab Sample ID:	P3433-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021459.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.07		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.192		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	29.41		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.487		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131776	7.604				
1146-65-2	Naphthalene-d8	535845	10.387				
15067-26-2	Acenaphthene-d10	305798	14.251				
1517-22-2	Phenanthrene-d10	779702	17.074				
1719-03-5	Chrysene-d12	805924	21.533				
1520-96-3	Perylene-d12	905818	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	3000	J			11.21	
	unknown-01	2700	J			14.48	
000057-10-3	n-Hexadecanoic acid	3800	J			18.004	
	(DEL) Alkane: Straight-Chain	4400	J			21.163	
E966796	Total Alkanes	4400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.302		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	13.239		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.495		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.399		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.22		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.33		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	17.123		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.903		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.15		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.632		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.177		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.226		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.799		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.985		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9	SDG No.:	BP080824
Lab Sample ID:	P3433-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021460.D	1	8/6/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.129		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	25.27		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	23.732		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.243		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172130	7.61				
1146-65-2	Naphthalene-d8	690418	10.375				
15067-26-2	Acenaphthene-d10	382568	14.257				
1517-22-2	Phenanthrene-d10	971995	17.075				
1719-03-5	Chrysene-d12	950465	21.516				
1520-96-3	Perylene-d12	1127201	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2100	J			11.222	
000057-10-3	n-Hexadecanoic acid	2700	J			17.992	
	(DEL) Alkane: Straight-Chain	21.157	J			21.157	
E966796	Total Alkanes	2800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12000		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	35000		1400	2400	9700	ug/Kg
110-86-1	Pyridine	25000		1700	4800	9700	ug/Kg
108-95-2	Phenol	31000		1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29000		1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	30000		760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	30000		840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	30000		940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	30000		830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29000		1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	29000		470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	33000		910	1200	4900	ug/Kg
78-59-1	Isophorone	30000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	32000		680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	31000		690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	28000		1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	28000		620	1200	4900	ug/Kg
91-20-3	Naphthalene	31000		680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	27000		540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1400	1200	4900	ug/Kg
105-60-2	Caprolactam	33000		2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	31000		1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	13000		2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35000		740	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35000		680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	35000		680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	40000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	30000		710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	30000		1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	29000		770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	33000		830	2400	9700	ug/Kg
83-32-9	Acenaphthene	30000		800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	28000		2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	22000		1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	31000		700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	33000		940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	30000		800	1200	4900	ug/Kg
86-73-7	Fluorene	31000		690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31000		690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	39000		750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25000		2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26000		710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35000		620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27000		690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	28000		790	1200	4900	ug/Kg
1912-24-9	Atrazine	25000		1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	27000		1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	32000		820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	26000		1600	1200	4900	ug/Kg
120-12-7	Anthracene	31000		660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29000		1700	1200	4900	ug/Kg
86-74-8	Carbazole	34000		590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	31000		1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	27000		1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28000		1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	27000		2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26000		1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	30000		530	1200	4900	ug/Kg
218-01-9	Chrysene	31000		760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27000		2500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	29000		2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	32000		1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	30000		750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	29000		1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30000		880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29000		890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32000		940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.026		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.924		20-120		45	SPK: -40
4165-62-2	Phenol-d5	23.49		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.606		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.67		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.436		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.353		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.405		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.217		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.687		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.613		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.914		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.34		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	28.687		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MS	SDG No.:	BP080824
Lab Sample ID:	P3433-08MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP021461.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.273		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.765		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.99		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.854		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181629	7.599				
1146-65-2	Naphthalene-d8	703487	10.369				
15067-26-2	Acenaphthene-d10	410158	14.245				
1517-22-2	Phenanthrene-d10	980983	17.069				
1719-03-5	Chrysene-d12	962260	21.51				
1520-96-3	Perylene-d12	1081288	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13000		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	37000		1300	2400	9600	ug/Kg
110-86-1	Pyridine	26000		1600	4800	9600	ug/Kg
108-95-2	Phenol	33000		1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31000		1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	32000		750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	32000		840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33000		1900	2400	9600	ug/Kg
98-86-2	Acetophenone	32000		930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	33000		820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31000		1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	30000		460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	34000		900	1200	4800	ug/Kg
78-59-1	Isophorone	28000		1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	29000		670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	29000		680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	28000		1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	32000		620	1200	4800	ug/Kg
91-20-3	Naphthalene	31000		670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	29000		540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1300	1200	4800	ug/Kg
105-60-2	Caprolactam	35000		2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	31000		1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	32000		620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	12000		2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32000		1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33000		730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33000		670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	32000		670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	38000		1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	33000		700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	33000		1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	32000		760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	38000		820	2400	9600	ug/Kg
83-32-9	Acenaphthene	33000		790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	32000		2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	31000		1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	34000		690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	37000		930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	28000		790	1200	4800	ug/Kg
86-73-7	Fluorene	31000		680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30000		680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	41000		740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28000		2100	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31000		700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32000		620	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30000		680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	31000		780	1200	4800	ug/Kg
1912-24-9	Atrazine	29000		1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	29000		1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	33000		810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	29000		1500	1200	4800	ug/Kg
120-12-7	Anthracene	32000		650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29000		1600	1200	4800	ug/Kg
86-74-8	Carbazole	36000		590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	32000		1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	29000		1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31000		1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	31000		2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27000		1500	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	31000		530	1200	4800	ug/Kg
218-01-9	Chrysene	34000		750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26000		2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	30000		2600	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	34000		1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	33000		740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	32000		1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33000		880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32000		740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31000		880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31000		930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.287		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	19.431		20-120		49	SPK: -40
4165-62-2	Phenol-d5	25.57		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.86		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.087		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.855		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	25.93		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.72		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.501		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.239		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.116		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.358		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.378		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	27.864		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y9MSD	SDG No.:	BP080824
Lab Sample ID:	P3433-09MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BP021462.D	1	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.387		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	30.842		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	28.599		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.993		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161272	7.605				
1146-65-2	Naphthalene-d8	666607	10.375				
15067-26-2	Acenaphthene-d10	436725	14.245				
1517-22-2	Phenanthrene-d10	954766	17.069				
1719-03-5	Chrysene-d12	894310	21.504				
1520-96-3	Perylene-d12	1075298	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	670	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SBLK595	SDG No.:	BP080824
Lab Sample ID:	PB162595BL	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
BP021464.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SBLK595	SDG No.:	BP080824
Lab Sample ID:	PB162595BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021464.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SBLK595	SDG No.:	BP080824
Lab Sample ID:	PB162595BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021464.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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	33.02		20-120		83	SPK: -40
17647-74-4	1,4-Dioxane-d8	8.108		15-120		101	SPK: -8
4165-62-2	Phenol-d5	30.759		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.397		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.43		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	30.343		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	33.293		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.274		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.473		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.071		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.915		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.339		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.91		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	37.197		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	SBLK595	SDG No.:	BP080824
Lab Sample ID:	PB162595BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021464.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.727		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	36.508		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	32.409		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.016		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115070	7.563				
1146-65-2	Naphthalene-d8	456821	10.334				
15067-26-2	Acenaphthene-d10	339999	14.222				
1517-22-2	Phenanthrene-d10	747065	17.051				
1719-03-5	Chrysene-d12	744218	21.516				
1520-96-3	Perylene-d12	853903	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.6	J			17.981	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA3	SDG No.:	BP080824
Lab Sample ID:	P3480-01	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
BP021465.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA3	SDG No.:	BP080824
Lab Sample ID:	P3480-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021465.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA3	SDG No.:	BP080824
Lab Sample ID:	P3480-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021465.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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	5.349		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	6.026	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	4.651		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.717		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.892		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.307		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	23.043		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.25		20-130		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.179		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.747		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.783		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	24.12		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.35		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	27.163		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA3	SDG No.:	BP080824
Lab Sample ID:	P3480-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021465.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.554		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	28.832		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	25.976		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.001		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141486	7.605				
1146-65-2	Naphthalene-d8	638000	10.375				
15067-26-2	Acenaphthene-d10	429789	14.245				
1517-22-2	Phenanthrene-d10	938362	17.069				
1719-03-5	Chrysene-d12	942904	21.522				
1520-96-3	Perylene-d12	1091352	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.3	J			11.216	
000057-10-3	n-Hexadecanoic acid	2.4	J			17.998	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA4	SDG No.:	BP080824
Lab Sample ID:	P3480-02	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
BP021466.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA4	SDG No.:	BP080824
Lab Sample ID:	P3480-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021466.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA4	SDG No.:	BP080824
Lab Sample ID:	P3480-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021466.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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	5.023		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	3.307	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	4.873		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.242		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.373		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	13.469		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	18.957		20-125		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.626		20-130		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.748		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.357		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.346		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.406		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.509		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.455		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA4	SDG No.:	BP080824
Lab Sample ID:	P3480-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021466.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.584		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	30.727		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	28.518		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.138		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159249	7.61				
1146-65-2	Naphthalene-d8	652972	10.369				
15067-26-2	Acenaphthene-d10	425447	14.251				
1517-22-2	Phenanthrene-d10	914681	17.081				
1719-03-5	Chrysene-d12	906879	21.522				
1520-96-3	Perylene-d12	1080473	24.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.4	J			11.216	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.004	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA5	SDG No.:	BP080824
Lab Sample ID:	P3480-03	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
BP021467.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA5	SDG No.:	BP080824
Lab Sample ID:	P3480-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021467.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

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:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA5	SDG No.:	BP080824
Lab Sample ID:	P3480-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021467.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.59		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	3.57	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	4.789		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.667		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.091		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.781		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	18.856		20-125		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.601		20-130		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.846		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.339		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.976		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	23.614		10-130		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.399		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	26.806		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AA5	SDG No.:	BP080824
Lab Sample ID:	P3480-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021467.D	1	8/7/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.222		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	27.873		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	25.457		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.745		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156438	7.61				
1146-65-2	Naphthalene-d8	650084	10.375				
15067-26-2	Acenaphthene-d10	426063	14.257				
1517-22-2	Phenanthrene-d10	934302	17.075				
1719-03-5	Chrysene-d12	935021	21.516				
1520-96-3	Perylene-d12	1054057	24.81				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	3	J			11.216	
000057-10-3	n-Hexadecanoic acid	3.3	J			17.986	
	(DEL) Alkane: Straight-Chain	21.163	J			21.163	
E966796	Total Alkanes	2.6				99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK594	SDG No.:	BP080824
Lab Sample ID:	PB162594BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021469.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	10000	ug/Kg
110-86-1	Pyridine	1700	U	1700	5000	10000	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	780	U	780	1300	5000	ug/Kg
95-48-7	2-Methylphenol	870	U	870	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	970	U	970	2500	10000	ug/Kg
106-44-5	4-Methylphenol	850	U	850	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	940	U	940	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	710	U	710	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	640	U	640	1300	5000	ug/Kg
91-20-3	Naphthalene	700	U	700	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	560	U	560	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	640	U	640	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	760	U	760	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK594	SDG No.:	BP080824
Lab Sample ID:	PB162594BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021469.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	700	U	700	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	700	U	700	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	730	U	730	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	790	U	790	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	850	U	850	2500	10000	ug/Kg
83-32-9	Acenaphthene	820	U	820	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	10000	ug/Kg
132-64-9	Dibenzofuran	720	U	720	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	970	U	970	1300	5000	ug/Kg
84-66-2	Diethylphthalate	820	U	820	1300	5000	ug/Kg
86-73-7	Fluorene	710	U	710	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	710	U	710	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	770	U	770	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	730	U	730	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	U	710	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	810	U	810	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	10000	ug/Kg
85-01-8	Phenanthrene	840	U	840	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	680	U	680	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	610	U	610	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK594	SDG No.:	BP080824
Lab Sample ID:	PB162594BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021469.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	550	U	550	1300	5000	ug/Kg
218-01-9	Chrysene	780	U	780	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	770	U	770	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770	U	770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920	U	920	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970	U	970	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.603		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	21.412		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.588		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.603		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.465		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.797		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.682		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.525		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.863		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.042		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.245		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.062		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.775		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	27.955		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK594	SDG No.:	BP080824
Lab Sample ID:	PB162594BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021469.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.186		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	27.978		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.074		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.915		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174164	7.61				
1146-65-2	Naphthalene-d8	687856	10.375				
15067-26-2	Acenaphthene-d10	428198	14.251				
1517-22-2	Phenanthrene-d10	902959	17.063				
1719-03-5	Chrysene-d12	842003	21.533				
1520-96-3	Perylene-d12	988428	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01ME	SDG No.:	BP080824
Lab Sample ID:	P3329-02ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021470.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310	U	310	230	2300	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	2900	12000	ug/Kg
110-86-1	Pyridine	2000	U	2000	5700	12000	ug/Kg
108-95-2	Phenol	1400	U	1400	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	900	U	900	1500	5800	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300	U	2300	2900	12000	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2900	12000	ug/Kg
106-44-5	4-Methylphenol	980	U	980	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1500	5800	ug/Kg
67-72-1	Hexachloroethane	560	U	560	1500	5800	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	5800	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	5800	ug/Kg
88-75-5	2-Nitrophenol	810	U	810	1500	5800	ug/Kg
105-67-9	2,4-Dimethylphenol	820	U	820	1500	5800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1500	5800	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1500	5800	ug/Kg
91-20-3	Naphthalene	18000		810	1500	5800	ug/Kg
106-47-8	4-Chloroaniline	650	U	650	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1600	U	1600	1500	5800	ug/Kg
105-60-2	Caprolactam	3200	U	3200	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1500	5800	ug/Kg
90-12-0	1-Methylnaphthalene	7800		1400	1500	5800	ug/Kg
91-57-6	2-Methylnaphthalene	15000		740	1500	5800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	5800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	880	U	880	1500	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01ME	SDG No.:	BP080824
Lab Sample ID:	P3329-02ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021470.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3200	J	810	1500	5800	ug/Kg
91-58-7	2-Chloronaphthalene	810	U	810	1500	5800	ug/Kg
88-74-4	2-Nitroaniline	1900	U	1900	1500	5800	ug/Kg
131-11-3	Dimethylphthalate	840	U	840	1500	5800	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1500	5800	ug/Kg
208-96-8	Acenaphthylene	910	U	910	1500	5800	ug/Kg
99-09-2	3-Nitroaniline	980	U	980	2900	12000	ug/Kg
83-32-9	Acenaphthene	16000		950	1500	5800	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	U	3400	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2900	12000	ug/Kg
132-64-9	Dibenzofuran	12000		830	1500	5800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1500	5800	ug/Kg
84-66-2	Diethylphthalate	950	U	950	1500	5800	ug/Kg
86-73-7	Fluorene	17000		820	1500	5800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820	U	820	1500	5800	ug/Kg
100-01-6	4-Nitroaniline	890	U	890	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	840	U	840	1500	5800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	740	U	740	1500	5800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820	U	820	1500	5800	ug/Kg
118-74-1	Hexachlorobenzene	940	U	940	1500	5800	ug/Kg
1912-24-9	Atrazine	2300	U	2300	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	2100	U	2100	2900	12000	ug/Kg
85-01-8	Phenanthrene	45000		970	1500	5800	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	5800	ug/Kg
120-12-7	Anthracene	10000		790	1500	5800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000	U	2000	1500	5800	ug/Kg
86-74-8	Carbazole	2300	J	710	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1500	5800	ug/Kg
206-44-0	Fluoranthene	22000		1600	2900	5800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01ME	SDG No.:	BP080824
Lab Sample ID:	P3329-02ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021470.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000		1300	1500	5800	ug/Kg
85-68-7	Butylbenzylphthalate	2800	U	2800	1500	5800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	5100	J	640	1500	5800	ug/Kg
218-01-9	Chrysene	4600	J	900	1500	5800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	1500	5800	ug/Kg
117-84-0	Di-n-octyl phthalate	3100	U	3100	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3600	J	1300	1500	5800	ug/Kg
207-08-9	Benzo(k)fluoranthene	890	U	890	1500	5800	ug/Kg
50-32-8	Benzo(a)pyrene	2100	J	1300	1500	5800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1500	5800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890	U	890	1500	5800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1500	5800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	1100	1500	5800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.443		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	4.615	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	4.009		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.312		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.122		15-120		15	SPK: -40
190780-66-6	4-Methylphenol-d8	6.93		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	6.994		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.254		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.05		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.934		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.088		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.222		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.972		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	9.687		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01ME	SDG No.:	BP080824
Lab Sample ID:	P3329-02ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021470.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.652	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	9.936		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	9.216		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.631		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113152	7.616				
1146-65-2	Naphthalene-d8	443470	10.387				
15067-26-2	Acenaphthene-d10	318097	14.246				
1517-22-2	Phenanthrene-d10	696335	17.069				
1719-03-5	Chrysene-d12	665242	21.516				
1520-96-3	Perylene-d12	833741	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	4100	J			13.434	
000575-41-7	Naphthalene, 1,3-dimethyl-	3800	J			13.575	
007320-53-8	Dibenzofuran, 4-methyl-	2600	J			15.64	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	3000	J			15.798	
000132-65-0	Dibenzothiophene	3600	J			16.892	
000832-69-9	Phenanthrene, 1-methyl-	4000	J			17.986	
002531-84-2	Phenanthrene, 2-methyl-	4700	J			18.04	
000203-64-5	4H-Cyclopenta[def]phenanthrene	6300	J			18.186	
000243-17-4	11H-Benzo[b]fluorene	3100	J			20.116	
033543-31-6	Fluoranthene, 2-methyl-	2900	J			20.222	
E966796	Total Alkanes	810	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03ME	SDG No.:	BP080824
Lab Sample ID:	P3329-04ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021471.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290	U	290	210	2200	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2700	11000	ug/Kg
110-86-1	Pyridine	1800	U	1800	5400	11000	ug/Kg
108-95-2	Phenol	1300	U	1300	2700	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2700	11000	ug/Kg
95-57-8	2-Chlorophenol	840	U	840	1400	5400	ug/Kg
95-48-7	2-Methylphenol	940	U	940	2700	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2200	U	2200	2700	11000	ug/Kg
98-86-2	Acetophenone	1000	U	1000	2700	11000	ug/Kg
106-44-5	4-Methylphenol	920	U	920	2700	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800	U	1800	1400	5400	ug/Kg
67-72-1	Hexachloroethane	520	U	520	1400	5400	ug/Kg
98-95-3	Nitrobenzene	1000	U	1000	1400	5400	ug/Kg
78-59-1	Isophorone	1200	U	1200	1400	5400	ug/Kg
88-75-5	2-Nitrophenol	760	U	760	1400	5400	ug/Kg
105-67-9	2,4-Dimethylphenol	770	U	770	1400	5400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1400	5400	ug/Kg
120-83-2	2,4-Dichlorophenol	690	U	690	1400	5400	ug/Kg
91-20-3	Naphthalene	120000	E	760	1400	5400	ug/Kg
106-47-8	4-Chloroaniline	610	U	610	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1500	U	1500	1400	5400	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2700	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1400	5400	ug/Kg
90-12-0	1-Methylnaphthalene	14000		1300	1400	5400	ug/Kg
91-57-6	2-Methylnaphthalene	33000		690	1400	5400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	2700	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300	U	1300	1400	5400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820	U	820	1400	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03ME	SDG No.:	BP080824
Lab Sample ID:	P3329-04ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021471.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5900		760	1400	5400	ug/Kg
91-58-7	2-Chloronaphthalene	760	U	760	1400	5400	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1400	5400	ug/Kg
131-11-3	Dimethylphthalate	790	U	790	1400	5400	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	1400	5400	ug/Kg
208-96-8	Acenaphthylene	850	U	850	1400	5400	ug/Kg
99-09-2	3-Nitroaniline	920	U	920	2700	11000	ug/Kg
83-32-9	Acenaphthene	21000		890	1400	5400	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	2700	11000	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2700	11000	ug/Kg
132-64-9	Dibenzofuran	19000		780	1400	5400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1400	5400	ug/Kg
84-66-2	Diethylphthalate	890	U	890	1400	5400	ug/Kg
86-73-7	Fluorene	24000		770	1400	5400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	770	U	770	1400	5400	ug/Kg
100-01-6	4-Nitroaniline	830	U	830	2700	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	2700	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	790	U	790	1400	5400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	690	U	690	1400	5400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	770	U	770	1400	5400	ug/Kg
118-74-1	Hexachlorobenzene	880	U	880	1400	5400	ug/Kg
1912-24-9	Atrazine	2200	U	2200	2700	11000	ug/Kg
87-86-5	Pentachlorophenol	1900	U	1900	2700	11000	ug/Kg
85-01-8	Phenanthrene	60000		910	1400	5400	ug/Kg
608-93-5	Pentachlorobenzene	1700	U	1700	1400	5400	ug/Kg
120-12-7	Anthracene	36000		740	1400	5400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800	U	1800	1400	5400	ug/Kg
86-74-8	Carbazole	21000		660	2700	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1400	5400	ug/Kg
206-44-0	Fluoranthene	22000		1500	2700	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03ME	SDG No.:	BP080824
Lab Sample ID:	P3329-04ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021471.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16000		1200	1400	5400	ug/Kg
85-68-7	Butylbenzylphthalate	2600	U	2600	1400	5400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2700	11000	ug/Kg
56-55-3	Benzo(a)anthracene	5700		590	1400	5400	ug/Kg
218-01-9	Chrysene	4900	J	840	1400	5400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2800	U	2800	1400	5400	ug/Kg
117-84-0	Di-n-octyl phthalate	2900	U	2900	2700	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	J	1200	1400	5400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	J	830	1400	5400	ug/Kg
50-32-8	Benzo(a)pyrene	1900	J	1200	1400	5400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980	U	980	1400	5400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830	U	830	1400	5400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	U	1000	1400	5400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	1400	5400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.967		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	6.911	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.724		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.792		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.655		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	9.006		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	8.383		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.717		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.266		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.732		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.063		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	11.081		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.801		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	12.773		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03ME	SDG No.:	BP080824
Lab Sample ID:	P3329-04ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021471.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.549		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	12.115		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	10.397		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.734		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147199	7.599				
1146-65-2	Naphthalene-d8	614243	10.351				
15067-26-2	Acenaphthene-d10	397539	14.239				
1517-22-2	Phenanthrene-d10	868109	17.051				
1719-03-5	Chrysene-d12	854340	21.504				
1520-96-3	Perylene-d12	953520	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	3800	J			6.263	
000526-73-8	Benzene, 1,2,3-trimethyl-	2800	J			7.24	
000496-11-7	Indane	4900	J			7.952	
000095-13-6	Indene	6900	J			8.122	
000575-43-9	Naphthalene, 1,6-dimethyl-	4800	J			13.422	
000581-42-0	Naphthalene, 2,6-dimethyl-	4900	J			13.551	
000582-16-1	Naphthalene, 2,7-dimethyl-	3400	J			13.604	
000581-40-8	Naphthalene, 2,3-dimethyl-	3100	J			13.804	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	2300	J			14.451	
006344-67-8	9H-Fluoren-3-ol	3200	J			15.628	
001689-64-1	9H-Fluoren-9-ol	4600	J			15.775	
001730-37-6	9H-Fluorene, 1-methyl-	2400	J			16.345	
000132-65-0	Dibenzothiophene	4700	J			16.875	
002531-84-2	Phenanthrene, 2-methyl-	4200	J			17.963	
000832-69-9	Phenanthrene, 1-methyl-	5300	J			18.016	
000613-12-7	Anthracene, 2-methyl-	2300	J			18.116	
000203-64-5	4H-Cyclopenta[def]phenanthrene	7100	J			18.163	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03ME	SDG No.:	BP080824
Lab Sample ID:	P3329-04ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021471.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	2200	J			18.492	
000243-17-4	11H-Benzo[b]fluorene	2800	J			20.11	
033543-31-6	Fluoranthene, 2-methyl-	3100	J			20.21	
E966796	Total Alkanes	760	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07ME	SDG No.:	BP080824
Lab Sample ID:	P3329-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021472.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290	U	290	210	2100	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2700	11000	ug/Kg
110-86-1	Pyridine	1800	U	1800	5300	11000	ug/Kg
108-95-2	Phenol	1300	U	1300	2700	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2700	11000	ug/Kg
95-57-8	2-Chlorophenol	840	U	840	1400	5400	ug/Kg
95-48-7	2-Methylphenol	930	U	930	2700	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	2700	11000	ug/Kg
98-86-2	Acetophenone	1000	U	1000	2700	11000	ug/Kg
106-44-5	4-Methylphenol	910	U	910	2700	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800	U	1800	1400	5400	ug/Kg
67-72-1	Hexachloroethane	510	U	510	1400	5400	ug/Kg
98-95-3	Nitrobenzene	1000	U	1000	1400	5400	ug/Kg
78-59-1	Isophorone	1200	U	1200	1400	5400	ug/Kg
88-75-5	2-Nitrophenol	750	U	750	1400	5400	ug/Kg
105-67-9	2,4-Dimethylphenol	760	U	760	1400	5400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1400	5400	ug/Kg
120-83-2	2,4-Dichlorophenol	690	U	690	1400	5400	ug/Kg
91-20-3	Naphthalene	89000	E	750	1400	5400	ug/Kg
106-47-8	4-Chloroaniline	600	U	600	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1500	U	1500	1400	5400	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2700	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1400	5400	ug/Kg
90-12-0	1-Methylnaphthalene	11000		1300	1400	5400	ug/Kg
91-57-6	2-Methylnaphthalene	24000		690	1400	5400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	2700	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300	U	1300	1400	5400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820	U	820	1400	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07ME	SDG No.:	BP080824
Lab Sample ID:	P3329-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021472.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3700	J	750	1400	5400	ug/Kg
91-58-7	2-Chloronaphthalene	750	U	750	1400	5400	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1400	5400	ug/Kg
131-11-3	Dimethylphthalate	780	U	780	1400	5400	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	1400	5400	ug/Kg
208-96-8	Acenaphthylene	850	U	850	1400	5400	ug/Kg
99-09-2	3-Nitroaniline	910	U	910	2700	11000	ug/Kg
83-32-9	Acenaphthene	16000		880	1400	5400	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	2700	11000	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2700	11000	ug/Kg
132-64-9	Dibenzofuran	14000		770	1400	5400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1400	5400	ug/Kg
84-66-2	Diethylphthalate	880	U	880	1400	5400	ug/Kg
86-73-7	Fluorene	17000		760	1400	5400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760	U	760	1400	5400	ug/Kg
100-01-6	4-Nitroaniline	830	U	830	2700	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	2700	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	780	U	780	1400	5400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	690	U	690	1400	5400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	760	U	760	1400	5400	ug/Kg
118-74-1	Hexachlorobenzene	870	U	870	1400	5400	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2700	11000	ug/Kg
87-86-5	Pentachlorophenol	1900	U	1900	2700	11000	ug/Kg
85-01-8	Phenanthrene	44000		900	1400	5400	ug/Kg
608-93-5	Pentachlorobenzene	1700	U	1700	1400	5400	ug/Kg
120-12-7	Anthracene	9300		730	1400	5400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800	U	1800	1400	5400	ug/Kg
86-74-8	Carbazole	6800	J	650	2700	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1400	5400	ug/Kg
206-44-0	Fluoranthene	17000		1500	2700	5400	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07ME	SDG No.:	BP080824
Lab Sample ID:	P3329-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021472.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	11000		1200	1400	5400	ug/Kg
85-68-7	Butylbenzylphthalate	2600	U	2600	1400	5400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2700	11000	ug/Kg
56-55-3	Benzo(a)anthracene	4600	J	590	1400	5400	ug/Kg
218-01-9	Chrysene	3800	J	840	1400	5400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2800	U	2800	1400	5400	ug/Kg
117-84-0	Di-n-octyl phthalate	2900	U	2900	2700	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400	J	1200	1400	5400	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	U	830	1400	5400	ug/Kg
50-32-8	Benzo(a)pyrene	1500	J	1200	1400	5400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980	U	980	1400	5400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830	U	830	1400	5400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990	U	990	1400	5400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	1400	5400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.744	*	15-120		9	SPK: -8
7291-22-7	Pyridine-d5	2.303	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	1.706	*	10-130		4	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	3.831		10-150		10	SPK: -40
93951-73-6	2-Chlorophenol-d4	3.214	*	15-120		8	SPK: -40
190780-66-6	4-Methylphenol-d8	3.905		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	2.948	*	10-135		7	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.407	*	10-120		9	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.686	*	10-140		9	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.951		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.476		10-145		14	SPK: -40
93951-97-4	Acenaphthylene-d8	4.775	*	15-120		12	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.173	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	5.88	*	20-140		15	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07ME	SDG No.:	BP080824
Lab Sample ID:	P3329-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021472.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.282	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	5.816		10-150		15	SPK: -40
1718-52-1	Pyrene-d10	4.592		10-130		11	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.813		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172191	7.622				
1146-65-2	Naphthalene-d8	688127	10.369				
15067-26-2	Acenaphthene-d10	494930	14.251				
1517-22-2	Phenanthrene-d10	1095313	17.063				
1719-03-5	Chrysene-d12	1131711	21.504				
1520-96-3	Perylene-d12	1265283	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	2500	J			6.281	
000496-11-7	Indane	3500	J			7.975	
000673-32-5	Benzene, 1-propynyl-	4700	J			8.146	
000582-16-1	Naphthalene, 2,7-dimethyl-	3700	J			13.428	
000581-40-8	Naphthalene, 2,3-dimethyl-	3300	J			13.569	
000575-41-7	Naphthalene, 1,3-dimethyl-	2300	J			13.816	
	unknown-01	2500	J			14.475	
006344-67-8	9H-Fluoren-3-ol	2600	J			15.634	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	3300	J			15.792	
000132-65-0	Dibenzothiophene	3600	J			16.881	
000260-94-6	Acridine	3300	J			17.304	
000832-69-9	Phenanthrene, 1-methyl-	3300	J			17.98	
000613-12-7	Anthracene, 2-methyl-	2600	J			18.028	
000203-64-5	4H-Cyclopenta[def]phenanthrene	5500	J			18.175	
004505-48-0	1H-Indene, 2-phenyl-	2200	J			18.222	
000243-17-4	11H-Benzo[b]fluorene	2200	J			20.116	
000238-84-6	11H-Benzo[a]fluorene	2900	J			20.216	

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07ME	SDG No.:	BP080824
Lab Sample ID:	P3329-05ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021472.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	750	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25ME	SDG No.:	BP080824
Lab Sample ID:	P3329-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021473.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	250	2500	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	3100	13000	ug/Kg
110-86-1	Pyridine	2200	U	2200	6300	13000	ug/Kg
108-95-2	Phenol	1500	U	1500	3100	13000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	3100	13000	ug/Kg
95-57-8	2-Chlorophenol	990	U	990	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	13000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2500	U	2500	3100	13000	ug/Kg
98-86-2	Acetophenone	1200	U	1200	3100	13000	ug/Kg
106-44-5	4-Methylphenol	1100	U	1100	3100	13000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2200	U	2200	1600	6300	ug/Kg
67-72-1	Hexachloroethane	610	U	610	1600	6300	ug/Kg
98-95-3	Nitrobenzene	1200	U	1200	1600	6300	ug/Kg
78-59-1	Isophorone	1400	U	1400	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	890	U	890	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	900	U	900	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600	U	1600	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	810	U	810	1600	6300	ug/Kg
91-20-3	Naphthalene	41000		890	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	710	U	710	1600	13000	ug/Kg
87-68-3	Hexachlorobutadiene	1800	U	1800	1600	6300	ug/Kg
105-60-2	Caprolactam	3500	U	3500	3100	13000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	8700		1500	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	20000		810	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	U	3400	3100	13000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960	U	960	1600	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25ME	SDG No.:	BP080824
Lab Sample ID:	P3329-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021473.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3500	J	890	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	890	U	890	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	2000	U	2000	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	920	U	920	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1000	U	1000	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	1100	U	1100	3100	13000	ug/Kg
83-32-9	Acenaphthene	17000		1000	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	U	3700	3100	13000	ug/Kg
100-02-7	4-Nitrophenol	1400	U	1400	3100	13000	ug/Kg
132-64-9	Dibenzofuran	14000		910	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1600	6300	ug/Kg
84-66-2	Diethylphthalate	1000	U	1000	1600	6300	ug/Kg
86-73-7	Fluorene	19000		900	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900	U	900	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	970	U	970	3100	13000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2800	U	2800	3100	13000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	920	U	920	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	810	U	810	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900	U	900	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1600	6300	ug/Kg
1912-24-9	Atrazine	2500	U	2500	3100	13000	ug/Kg
87-86-5	Pentachlorophenol	2300	U	2300	3100	13000	ug/Kg
85-01-8	Phenanthrene	55000		1100	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1600	6300	ug/Kg
120-12-7	Anthracene	7900		860	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1600	6300	ug/Kg
86-74-8	Carbazole	3400	J	770	3100	13000	ug/Kg
84-74-2	Di-n-butylphthalate	1900	U	1900	1600	6300	ug/Kg
206-44-0	Fluoranthene	24000		1800	3100	6300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25ME	SDG No.:	BP080824
Lab Sample ID:	P3329-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021473.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16000		1400	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	3000	U	3000	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	3100	13000	ug/Kg
56-55-3	Benzo(a)anthracene	6100	J	700	1600	6300	ug/Kg
218-01-9	Chrysene	5200	J	990	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3300	U	3300	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	3400	U	3400	3100	13000	ug/Kg
205-99-2	Benzo(b)fluoranthene	4200	J	1400	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	J	970	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	2400	J	1400	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970	U	970	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.956	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	2.009	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	2.065	*	10-130		5	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.254		10-150		11	SPK: -40
93951-73-6	2-Chlorophenol-d4	3.497	*	15-120		9	SPK: -40
190780-66-6	4-Methylphenol-d8	4.056		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	4.155		10-135		10	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.947		10-120		10	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.122		10-140		10	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.287		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.751		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	5.839		15-120		15	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.338	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	7.16	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25ME	SDG No.:	BP080824
Lab Sample ID:	P3329-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021473.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.059	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	7.762		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	6.6		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.642		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160336	7.616				
1146-65-2	Naphthalene-d8	613982	10.375				
15067-26-2	Acenaphthene-d10	451152	14.251				
1517-22-2	Phenanthrene-d10	912622	17.069				
1719-03-5	Chrysene-d12	996446	21.51				
1520-96-3	Perylene-d12	1140486	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	4300	J			13.44	
000581-40-8	Naphthalene, 2,3-dimethyl-	4200	J			13.563	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	3200	J			15.645	
001689-64-1	9H-Fluoren-9-ol	4600	J			15.792	
001430-97-3	9H-Fluorene, 2-methyl-	3000	J			16.363	
000132-65-0	Dibenzothiophene	4300	J			16.886	
002531-84-2	Phenanthrene, 2-methyl-	4900	J			17.986	
000832-69-9	Phenanthrene, 1-methyl-	6200	J			18.039	
000203-64-5	4H-Cyclopenta[def]phenanthrene	8700	J			18.18	
000612-94-2	Naphthalene, 2-phenyl-	2700	J			18.516	
033543-31-6	Fluoranthene, 2-methyl-	3200	J			20.127	
000238-84-6	11H-Benzo[a]fluorene	3200	J			20.221	
E966796	Total Alkanes	890	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6DL	SDG No.:	BP080824
Lab Sample ID:	P3435-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021474.D	100	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	62000	U	62000	45500	460000	ug/Kg
110-86-1	Pyridine	390000	U	390000	1.1387e+006	2.3e+006	ug/Kg
100-52-7	Benzaldehyde	320000	U	320000	569300	2.3e+006	ug/Kg
108-95-2	Phenol	280000	U	280000	569300	2.3e+006	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	250000	U	250000	569300	2.3e+006	ug/Kg
95-57-8	2-Chlorophenol	180000	U	180000	293300	1.2e+006	ug/Kg
95-48-7	2-Methylphenol	200000	U	200000	569300	2.3e+006	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	460000	U	460000	569300	2.3e+006	ug/Kg
98-86-2	Acetophenone	220000	U	220000	569300	2.3e+006	ug/Kg
106-44-5	4-Methylphenol	200000	U	200000	569300	2.3e+006	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	390000	U	390000	293300	1.2e+006	ug/Kg
67-72-1	Hexachloroethane	110000	U	110000	293300	1.2e+006	ug/Kg
98-95-3	Nitrobenzene	220000	U	220000	293300	1.2e+006	ug/Kg
78-59-1	Isophorone	250000	U	250000	293300	1.2e+006	ug/Kg
88-75-5	2-Nitrophenol	160000	U	160000	293300	1.2e+006	ug/Kg
105-67-9	2,4-Dimethylphenol	160000	U	160000	293300	1.2e+006	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	300000	U	300000	293300	1.2e+006	ug/Kg
120-83-2	2,4-Dichlorophenol	150000	U	150000	293300	1.2e+006	ug/Kg
91-20-3	Naphthalene	5100000	D	160000	293300	1.2e+006	ug/Kg
106-47-8	4-Chloroaniline	130000	U	130000	293300	2.3e+006	ug/Kg
87-68-3	Hexachlorobutadiene	320000	U	320000	293300	1.2e+006	ug/Kg
105-60-2	Caprolactam	640000	U	640000	569300	2.3e+006	ug/Kg
59-50-7	4-Chloro-3-methylphenol	300000	U	300000	293300	1.2e+006	ug/Kg
90-12-0	1-Methylnaphthalene	1300000	D	280000	293300	1.2e+006	ug/Kg
91-57-6	2-Methylnaphthalene	2900000	D	150000	293300	1.2e+006	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620000	U	620000	569300	2.3e+006	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280000	U	280000	293300	1.2e+006	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170000	U	170000	293300	1.2e+006	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6DL	SDG No.:	BP080824
Lab Sample ID:	P3435-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021474.D	100	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	640000	JD	160000	293300	1.2e+006	ug/Kg
91-58-7	2-Chloronaphthalene	160000	U	160000	293300	1.2e+006	ug/Kg
88-74-4	2-Nitroaniline	370000	U	370000	293300	1.2e+006	ug/Kg
131-11-3	Dimethylphthalate	170000	U	170000	293300	1.2e+006	ug/Kg
606-20-2	2,6-Dinitrotoluene	300000	U	300000	293300	1.2e+006	ug/Kg
208-96-8	Acenaphthylene	180000	U	180000	293300	1.2e+006	ug/Kg
99-09-2	3-Nitroaniline	200000	U	200000	569300	2.3e+006	ug/Kg
83-32-9	Acenaphthene	4000000	D	190000	293300	1.2e+006	ug/Kg
51-28-5	2,4-Dinitrophenol	670000	U	670000	569300	2.3e+006	ug/Kg
100-02-7	4-Nitrophenol	250000	U	250000	569300	2.3e+006	ug/Kg
132-64-9	Dibenzofuran	2900000	D	170000	293300	1.2e+006	ug/Kg
121-14-2	2,4-Dinitrotoluene	220000	U	220000	293300	1.2e+006	ug/Kg
84-66-2	Diethylphthalate	190000	U	190000	293300	1.2e+006	ug/Kg
86-73-7	Fluorene	3800000	D	160000	293300	1.2e+006	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160000	U	160000	293300	1.2e+006	ug/Kg
100-01-6	4-Nitroaniline	180000	U	180000	569300	2.3e+006	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	510000	U	510000	569300	2.3e+006	ug/Kg
86-30-6	N-Nitrosodiphenylamine	170000	U	170000	293300	1.2e+006	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150000	U	150000	293300	1.2e+006	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160000	U	160000	293300	1.2e+006	ug/Kg
118-74-1	Hexachlorobenzene	190000	U	190000	293300	1.2e+006	ug/Kg
1912-24-9	Atrazine	460000	U	460000	569300	2.3e+006	ug/Kg
87-86-5	Pentachlorophenol	410000	U	410000	569300	2.3e+006	ug/Kg
85-01-8	Phenanthrene	13300000	D	190000	293300	1.2e+006	ug/Kg
608-93-5	Pentachlorobenzene	370000	U	370000	293300	1.2e+006	ug/Kg
120-12-7	Anthracene	4700000	D	160000	293300	1.2e+006	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	390000	U	390000	293300	1.2e+006	ug/Kg
86-74-8	Carbazole	1800000	JD	140000	569300	2.3e+006	ug/Kg
84-74-2	Di-n-butylphthalate	350000	U	350000	293300	1.2e+006	ug/Kg
206-44-0	Fluoranthene	7200000	D	320000	569300	1.2e+006	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6DL	SDG No.:	BP080824
Lab Sample ID:	P3435-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021474.D	100	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4900000	D	250000	293300	1.2e+006	ug/Kg
85-68-7	Butylbenzylphthalate	550000	U	550000	293300	1.2e+006	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370000	U	370000	569300	2.3e+006	ug/Kg
56-55-3	Benzo(a)anthracene	2200000	D	130000	293300	1.2e+006	ug/Kg
218-01-9	Chrysene	2100000	D	180000	293300	1.2e+006	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600000	U	600000	293300	1.2e+006	ug/Kg
117-84-0	Di-n-octyl phthalate	620000	U	620000	569300	2.3e+006	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100000	D	250000	293300	1.2e+006	ug/Kg
207-08-9	Benzo(k)fluoranthene	760000	JD	180000	293300	1.2e+006	ug/Kg
50-32-8	Benzo(a)pyrene	1200000	D	250000	293300	1.2e+006	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640000	JD	210000	293300	1.2e+006	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180000	U	180000	293300	1.2e+006	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210000	U	210000	293300	1.2e+006	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220000	U	220000	293300	1.2e+006	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8		U	15-120		0	SPK: -8
4165-62-2	Phenol-d5		U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.3		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	14.3		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.4		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Y6DL	SDG No.:	BP080824
Lab Sample ID:	P3435-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.2
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021474.D	100	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	20		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	16.9		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.1		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136978	7.634				
1146-65-2	Naphthalene-d8	606221	10.375				
15067-26-2	Acenaphthene-d10	411726	14.251				
1517-22-2	Phenanthrene-d10	890631	17.069				
1719-03-5	Chrysene-d12	873379	21.516				
1520-96-3	Perylene-d12	1073477	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-43-9	Naphthalene, 1,6-dimethyl-	490000	JD			13.44	
007320-53-8	Dibenzofuran, 4-methyl-	530000	JD			15.804	
000132-65-0	Dibenzothiophene	870000	JD			16.898	
002531-84-2	Phenanthrene, 2-methyl-	680000	JD			17.992	
004505-48-0	1H-Indene, 2-phenyl-	950000	JD			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1700000	JD			18.186	
000612-94-2	Naphthalene, 2-phenyl-	500000	JD			18.51	
000243-17-4	11H-Benzo[b]fluorene	610000	JD			20.127	
000238-84-6	11H-Benzo[a]fluorene	680000	JD			20.221	
000192-97-2	Benzo[e]pyrene	550000	JD			24.492	
E966796	Total Alkanes	160000	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MEDL	SDG No.:	BP080824
Lab Sample ID:	P3171-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021475.D	5	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1600	U	1600	1200	12000	ug/Kg
100-52-7	Benzaldehyde	8400	U	8400	14900	60000	ug/Kg
110-86-1	Pyridine	10000	U	10000	29700	60000	ug/Kg
108-95-2	Phenol	7200	U	7200	14900	60000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6600	U	6600	14900	60000	ug/Kg
95-57-8	2-Chlorophenol	4700	U	4700	7700	30000	ug/Kg
95-48-7	2-Methylphenol	5200	U	5200	14900	60000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12000	U	12000	14900	60000	ug/Kg
98-86-2	Acetophenone	5800	U	5800	14900	60000	ug/Kg
106-44-5	4-Methylphenol	5100	U	5100	14900	60000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	10000	U	10000	7700	30000	ug/Kg
67-72-1	Hexachloroethane	2900	U	2900	7700	30000	ug/Kg
98-95-3	Nitrobenzene	5600	U	5600	7700	30000	ug/Kg
78-59-1	Isophorone	6600	U	6600	7700	30000	ug/Kg
88-75-5	2-Nitrophenol	4200	U	4200	7700	30000	ug/Kg
105-67-9	2,4-Dimethylphenol	4300	U	4300	7700	30000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7800	U	7800	7700	30000	ug/Kg
120-83-2	2,4-Dichlorophenol	3800	U	3800	7700	30000	ug/Kg
91-20-3	Naphthalene	4200	U	4200	7700	30000	ug/Kg
106-47-8	4-Chloroaniline	3400	U	3400	7700	60000	ug/Kg
87-68-3	Hexachlorobutadiene	8400	U	8400	7700	30000	ug/Kg
105-60-2	Caprolactam	17000	U	17000	14900	60000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7800	U	7800	7700	30000	ug/Kg
90-12-0	1-Methylnaphthalene	7200	U	7200	7700	30000	ug/Kg
91-57-6	2-Methylnaphthalene	3800	U	3800	7700	30000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	16000	U	16000	14900	60000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7200	U	7200	7700	30000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4600	U	4600	7700	30000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MEDL	SDG No.:	BP080824
Lab Sample ID:	P3171-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021475.D	5	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4200	U	4200	7700	30000	ug/Kg
91-58-7	2-Chloronaphthalene	4200	U	4200	7700	30000	ug/Kg
88-74-4	2-Nitroaniline	9600	U	9600	7700	30000	ug/Kg
131-11-3	Dimethylphthalate	4400	U	4400	7700	30000	ug/Kg
606-20-2	2,6-Dinitrotoluene	7800	U	7800	7700	30000	ug/Kg
208-96-8	Acenaphthylene	4700	U	4700	7700	30000	ug/Kg
99-09-2	3-Nitroaniline	5100	U	5100	14900	60000	ug/Kg
83-32-9	Acenaphthene	4900	U	4900	7700	30000	ug/Kg
51-28-5	2,4-Dinitrophenol	17000	U	17000	14900	60000	ug/Kg
100-02-7	4-Nitrophenol	6600	U	6600	14900	60000	ug/Kg
132-64-9	Dibenzofuran	4300	U	4300	7700	30000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5800	U	5800	7700	30000	ug/Kg
84-66-2	Diethylphthalate	4900	U	4900	7700	30000	ug/Kg
86-73-7	Fluorene	4300	U	4300	7700	30000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4300	U	4300	7700	30000	ug/Kg
100-01-6	4-Nitroaniline	4600	U	4600	14900	60000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	13000	U	13000	14900	60000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4400	U	4400	7700	30000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U	3800	7700	30000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	U	4300	7700	30000	ug/Kg
118-74-1	Hexachlorobenzene	4900	U	4900	7700	30000	ug/Kg
1912-24-9	Atrazine	12000	U	12000	14900	60000	ug/Kg
87-86-5	Pentachlorophenol	210000	D	11000	14900	60000	ug/Kg
85-01-8	Phenanthrene	5000	U	5000	7700	30000	ug/Kg
608-93-5	Pentachlorobenzene	9600	U	9600	7700	30000	ug/Kg
120-12-7	Anthracene	4100	U	4100	7700	30000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	10000	U	10000	7700	30000	ug/Kg
86-74-8	Carbazole	3700	U	3700	14900	60000	ug/Kg
84-74-2	Di-n-butylphthalate	9000	U	9000	7700	30000	ug/Kg
206-44-0	Fluoranthene	8400	U	8400	14900	30000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MEDL	SDG No.:	BP080824
Lab Sample ID:	P3171-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021475.D	5	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6600	U	6600	7700	30000	ug/Kg
85-68-7	Butylbenzylphthalate	14000	U	14000	7700	30000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9600	U	9600	14900	60000	ug/Kg
56-55-3	Benzo(a)anthracene	3300	U	3300	7700	30000	ug/Kg
218-01-9	Chrysene	4700	U	4700	7700	30000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	16000	U	16000	7700	30000	ug/Kg
117-84-0	Di-n-octyl phthalate	16000	U	16000	14900	60000	ug/Kg
205-99-2	Benzo(b)fluoranthene	6600	U	6600	7700	30000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	U	4600	7700	30000	ug/Kg
50-32-8	Benzo(a)pyrene	6600	U	6600	7700	30000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5500	U	5500	7700	30000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4600	U	4600	7700	30000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5500	U	5500	7700	30000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000	JD	5800	7700	30000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.5		15-120		69	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.215		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.935		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.2		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	24.89		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	21.925		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.21		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.295		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.685		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.765		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.025		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.91		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVW9MEDL	SDG No.:	BP080824
Lab Sample ID:	P3171-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021475.D	5	8/6/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.765		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	38		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	39.18		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	53.465		10-140		134	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149176	7.616				
1146-65-2	Naphthalene-d8	572955	10.381				
15067-26-2	Acenaphthene-d10	405919	14.251				
1517-22-2	Phenanthrene-d10	870728	17.069				
1719-03-5	Chrysene-d12	912850	21.527				
1520-96-3	Perylene-d12	1060504	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	13000	JD			14.134	
E966796	Total Alkanes	4200	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-04MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021476.D	5	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1500	U	1500	1100	11000	ug/Kg
100-52-7	Benzaldehyde	7600	U	7600	13400	54000	ug/Kg
110-86-1	Pyridine	9200	U	9200	26800	54000	ug/Kg
108-95-2	Phenol	6500	U	6500	13400	54000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5900	U	5900	13400	54000	ug/Kg
95-57-8	2-Chlorophenol	4200	U	4200	6900	27000	ug/Kg
95-48-7	2-Methylphenol	4700	U	4700	13400	54000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	11000	U	11000	13400	54000	ug/Kg
98-86-2	Acetophenone	5200	U	5200	13400	54000	ug/Kg
106-44-5	4-Methylphenol	4600	U	4600	13400	54000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9200	U	9200	6900	27000	ug/Kg
67-72-1	Hexachloroethane	2600	U	2600	6900	27000	ug/Kg
98-95-3	Nitrobenzene	5100	U	5100	6900	27000	ug/Kg
78-59-1	Isophorone	5900	U	5900	6900	27000	ug/Kg
88-75-5	2-Nitrophenol	3800	U	3800	6900	27000	ug/Kg
105-67-9	2,4-Dimethylphenol	3800	U	3800	6900	27000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7000	U	7000	6900	27000	ug/Kg
120-83-2	2,4-Dichlorophenol	3500	U	3500	6900	27000	ug/Kg
91-20-3	Naphthalene	160000	D	3800	6900	27000	ug/Kg
106-47-8	4-Chloroaniline	3000	U	3000	6900	54000	ug/Kg
87-68-3	Hexachlorobutadiene	7600	U	7600	6900	27000	ug/Kg
105-60-2	Caprolactam	15000	U	15000	13400	54000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7000	U	7000	6900	27000	ug/Kg
90-12-0	1-Methylnaphthalene	20000	JD	6500	6900	27000	ug/Kg
91-57-6	2-Methylnaphthalene	45000	D	3500	6900	27000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	15000	U	15000	13400	54000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6500	U	6500	6900	27000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	U	4100	6900	27000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-04MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021476.D	5	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	6900	JD	3800	6900	27000	ug/Kg
91-58-7	2-Chloronaphthalene	3800	U	3800	6900	27000	ug/Kg
88-74-4	2-Nitroaniline	8700	U	8700	6900	27000	ug/Kg
131-11-3	Dimethylphthalate	3900	U	3900	6900	27000	ug/Kg
606-20-2	2,6-Dinitrotoluene	7000	U	7000	6900	27000	ug/Kg
208-96-8	Acenaphthylene	4300	U	4300	6900	27000	ug/Kg
99-09-2	3-Nitroaniline	4600	U	4600	13400	54000	ug/Kg
83-32-9	Acenaphthene	26000	JD	4400	6900	27000	ug/Kg
51-28-5	2,4-Dinitrophenol	16000	U	16000	13400	54000	ug/Kg
100-02-7	4-Nitrophenol	5900	U	5900	13400	54000	ug/Kg
132-64-9	Dibenzofuran	22000	JD	3900	6900	27000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5200	U	5200	6900	27000	ug/Kg
84-66-2	Diethylphthalate	4400	U	4400	6900	27000	ug/Kg
86-73-7	Fluorene	28000	D	3800	6900	27000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3800	U	3800	6900	27000	ug/Kg
100-01-6	4-Nitroaniline	4200	U	4200	13400	54000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	12000	U	12000	13400	54000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3900	U	3900	6900	27000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3500	U	3500	6900	27000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800	U	3800	6900	27000	ug/Kg
118-74-1	Hexachlorobenzene	4400	U	4400	6900	27000	ug/Kg
1912-24-9	Atrazine	11000	U	11000	13400	54000	ug/Kg
87-86-5	Pentachlorophenol	9700	U	9700	13400	54000	ug/Kg
85-01-8	Phenanthrene	72000	D	4500	6900	27000	ug/Kg
608-93-5	Pentachlorobenzene	8700	U	8700	6900	27000	ug/Kg
120-12-7	Anthracene	42000	D	3700	6900	27000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9200	U	9200	6900	27000	ug/Kg
86-74-8	Carbazole	22000	JD	3300	13400	54000	ug/Kg
84-74-2	Di-n-butylphthalate	8100	U	8100	6900	27000	ug/Kg
206-44-0	Fluoranthene	26000	JD	7600	13400	27000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-04MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021476.D	5	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18000	JD	5900	6900	27000	ug/Kg
85-68-7	Butylbenzylphthalate	13000	U	13000	6900	27000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	8700	U	8700	13400	54000	ug/Kg
56-55-3	Benzo(a)anthracene	6500	JD	3000	6900	27000	ug/Kg
218-01-9	Chrysene	6000	JD	4200	6900	27000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	14000	U	14000	6900	27000	ug/Kg
117-84-0	Di-n-octyl phthalate	15000	U	15000	13400	54000	ug/Kg
205-99-2	Benzo(b)fluoranthene	5900	U	5900	6900	27000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4200	U	4200	6900	27000	ug/Kg
50-32-8	Benzo(a)pyrene	5900	U	5900	6900	27000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4900	U	4900	6900	27000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4200	U	4200	6900	27000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5000	U	5000	6900	27000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5200	U	5200	6900	27000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.49		15-120		31	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	2.565	*	10-130		6	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.02		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.08		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	9.995		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	11.64		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.14		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.975		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.195		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.04		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	11.965		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	14.865		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-04MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021476.D	5	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	13.445		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	11.775		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.995		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121087	7.634				
1146-65-2	Naphthalene-d8	463651	10.375				
15067-26-2	Acenaphthene-d10	349685	14.263				
1517-22-2	Phenanthrene-d10	679037	17.075				
1719-03-5	Chrysene-d12	759754	21.521				
1520-96-3	Perylene-d12	878018	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	3800	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021477.D	2	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	580	U	580	420	4300	ug/Kg
110-86-1	Pyridine	3600	U	3600	10600	21000	ug/Kg
100-52-7	Benzaldehyde	3000	U	3000	5300	21000	ug/Kg
108-95-2	Phenol	2600	U	2600	5300	21000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2400	U	2400	5300	21000	ug/Kg
95-57-8	2-Chlorophenol	1700	U	1700	2700	11000	ug/Kg
95-48-7	2-Methylphenol	1900	U	1900	5300	21000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	U	4300	5300	21000	ug/Kg
98-86-2	Acetophenone	2100	U	2100	5300	21000	ug/Kg
106-44-5	4-Methylphenol	1800	U	1800	5300	21000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3600	U	3600	2700	11000	ug/Kg
67-72-1	Hexachloroethane	1000	U	1000	2700	11000	ug/Kg
98-95-3	Nitrobenzene	2000	U	2000	2700	11000	ug/Kg
78-59-1	Isophorone	2400	U	2400	2700	11000	ug/Kg
88-75-5	2-Nitrophenol	1500	U	1500	2700	11000	ug/Kg
105-67-9	2,4-Dimethylphenol	1500	U	1500	2700	11000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2800	U	2800	2700	11000	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	2700	11000	ug/Kg
91-20-3	Naphthalene	92000	D	1500	2700	11000	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	2700	21000	ug/Kg
87-68-3	Hexachlorobutadiene	3000	U	3000	2700	11000	ug/Kg
105-60-2	Caprolactam	6000	U	6000	5300	21000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2800	U	2800	2700	11000	ug/Kg
90-12-0	1-Methylnaphthalene	12000	D	2600	2700	11000	ug/Kg
91-57-6	2-Methylnaphthalene	26000	D	1400	2700	11000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5800	U	5800	5300	21000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2600	U	2600	2700	11000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2700	11000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021477.D	2	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4300	JD	1500	2700	11000	ug/Kg
91-58-7	2-Chloronaphthalene	1500	U	1500	2700	11000	ug/Kg
88-74-4	2-Nitroaniline	3400	U	3400	2700	11000	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	2700	11000	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800	U	2800	2700	11000	ug/Kg
208-96-8	Acenaphthylene	1700	U	1700	2700	11000	ug/Kg
99-09-2	3-Nitroaniline	1800	U	1800	5300	21000	ug/Kg
83-32-9	Acenaphthene	17000	D	1800	2700	11000	ug/Kg
51-28-5	2,4-Dinitrophenol	6200	U	6200	5300	21000	ug/Kg
100-02-7	4-Nitrophenol	2400	U	2400	5300	21000	ug/Kg
132-64-9	Dibenzofuran	13000	D	1500	2700	11000	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100	U	2100	2700	11000	ug/Kg
84-66-2	Diethylphthalate	1800	U	1800	2700	11000	ug/Kg
86-73-7	Fluorene	15000	D	1500	2700	11000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	U	1500	2700	11000	ug/Kg
100-01-6	4-Nitroaniline	1700	U	1700	5300	21000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4700	U	4700	5300	21000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	2700	11000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2700	11000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	2700	11000	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	2700	11000	ug/Kg
1912-24-9	Atrazine	4300	U	4300	5300	21000	ug/Kg
87-86-5	Pentachlorophenol	3900	U	3900	5300	21000	ug/Kg
85-01-8	Phenanthrene	47000	D	1800	2700	11000	ug/Kg
608-93-5	Pentachlorobenzene	3400	U	3400	2700	11000	ug/Kg
120-12-7	Anthracene	9600	JD	1500	2700	11000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3600	U	3600	2700	11000	ug/Kg
86-74-8	Carbazole	6600	JD	1300	5300	21000	ug/Kg
84-74-2	Di-n-butylphthalate	3200	U	3200	2700	11000	ug/Kg
206-44-0	Fluoranthene	20000	D	3000	5300	11000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021477.D	2	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000	D	2400	2700	11000	ug/Kg
85-68-7	Butylbenzylphthalate	5100	U	5100	2700	11000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3400	U	3400	5300	21000	ug/Kg
56-55-3	Benzo(a)anthracene	4600	JD	1200	2700	11000	ug/Kg
218-01-9	Chrysene	4100	JD	1700	2700	11000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5600	U	5600	2700	11000	ug/Kg
117-84-0	Di-n-octyl phthalate	5800	U	5800	5300	21000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400	JD	2400	2700	11000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	2700	11000	ug/Kg
50-32-8	Benzo(a)pyrene	2400	U	2400	2700	11000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000	U	2000	2700	11000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	2700	11000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000	U	2000	2700	11000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100	U	2100	2700	11000	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	0.654	*	15-120		8	SPK: -8
4165-62-2	Phenol-d5	1.384	*	10-130		3	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.188		10-150		10	SPK: -40
93951-73-6	2-Chlorophenol-d4	3.5	*	15-120		9	SPK: -40
190780-66-6	4-Methylphenol-d8	3.928		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	3.364	*	10-135		8	SPK: -40
93951-78-1	2-Nitrophenol-d4	2.834	*	10-120		7	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.772	*	10-140		9	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.328		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.576		10-145		14	SPK: -40
93951-97-4	Acenaphthylene-d8	4.754	*	15-120		12	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	5.378	*	20-140		13	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07MEDL	SDG No.:	BP080824
Lab Sample ID:	P3329-05MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021477.D	2	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	6.028		10-150		15	SPK: -40
1718-52-1	Pyrene-d10	5.352		10-130		13	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.832		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152888	7.616				
1146-65-2	Naphthalene-d8	666890	10.369				
15067-26-2	Acenaphthene-d10	458056	14.245				
1517-22-2	Phenanthrene-d10	993168	17.075				
1719-03-5	Chrysene-d12	999479	21.521				
1520-96-3	Perylene-d12	1123581	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-13-6	Indene	4900	JD			8.163	
000575-43-9	Naphthalene, 1,6-dimethyl-	4300	JD			13.428	
000613-12-7	Anthracene, 2-methyl-	4700	JD			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	6100	JD			18.198	
E966796	Total Alkanes	1500	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SLCS594	SDG No.:	BP080824
Lab Sample ID:	PB162594BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021478.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11000		260	190	2000	ug/Kg
100-52-7	Benzaldehyde	30000		1400	2400	9800	ug/Kg
110-86-1	Pyridine	25000		1700	4900	9800	ug/Kg
108-95-2	Phenol	29000		1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	27000		1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	28000		760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	28000		850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30000		2000	2400	9800	ug/Kg
98-86-2	Acetophenone	28000		950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	29000		830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	28000		1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	27000		470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	33000		920	1300	4900	ug/Kg
78-59-1	Isophorone	31000		1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	31000		690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	27000		700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000		1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	27000		630	1300	4900	ug/Kg
91-20-3	Naphthalene	30000		690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	28000		550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	29000		1400	1300	4900	ug/Kg
105-60-2	Caprolactam	33000		2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32000		1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	30000		1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	11000		2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25000		1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	27000		750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SLCS594	SDG No.:	BP080824
Lab Sample ID:	PB162594BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021478.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30000		690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	29000		690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	31000		1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	29000		720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	27000		1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	27000		770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	33000		830	2400	9800	ug/Kg
83-32-9	Acenaphthene	30000		800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	27000		2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	29000		1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	31000		710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	34000		950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	32000		800	1300	4900	ug/Kg
86-73-7	Fluorene	31000		700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30000		700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	41000		750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	26000		2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28000		720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29000		630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27000		700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	27000		790	1300	4900	ug/Kg
1912-24-9	Atrazine	2700	J	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	19000		1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	29000		820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	26000		1600	1300	4900	ug/Kg
120-12-7	Anthracene	28000		670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26000		1700	1300	4900	ug/Kg
86-74-8	Carbazole	32000		600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	27000		1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	26000		1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SLCS594	SDG No.:	BP080824
Lab Sample ID:	PB162594BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021478.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27000		1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	26000		2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29000		1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	29000		540	1300	4900	ug/Kg
218-01-9	Chrysene	30000		760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26000		2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	26000		2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	30000		1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	30000		750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	29000		1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29000		890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29000		750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28000		900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	24000		950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.538		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	26.322		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.102		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.32		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.531		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.72		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	30.489		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.686		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.35		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.367		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.282		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	26.739		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.685		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	32.637		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SLCS594	SDG No.:	BP080824
Lab Sample ID:	PB162594BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021478.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162594

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.669		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	29.317		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	26.621		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.904		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178890	7.605				
1146-65-2	Naphthalene-d8	680779	10.363				
15067-26-2	Acenaphthene-d10	467715	14.246				
1517-22-2	Phenanthrene-d10	1079566	17.075				
1719-03-5	Chrysene-d12	1039737	21.51				
1520-96-3	Perylene-d12	1173962	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCVW9ME								
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Cyclic11.816	*	3,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Cyclic21.157	*	5,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain10.3	*	5,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain11.7	*	4,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain13.0	*	4,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain15.1	*	5,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain15.5	*	6,700.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain17.5	*	3,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain18.2	*	2,500.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain5.62	*	4,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain6.74	*	4,000.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain7.52	*	2,600.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.08	*	2,800.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.14	*	2,800.000	J		
P3171-05ME	DCVW9ME	Solid	(DEL) Alkane: Straight-Chain8.21	*	5,000.000	J		
P3171-05ME	DCVW9ME	Solid	1,1-Hexylenedioxymethane	*	4,400.000	J		
P3171-05ME	DCVW9ME	Solid	2-Methylidene-hydrazono-3-meth	*	3,500.000	J		
P3171-05ME	DCVW9ME	Solid	9-Methyl-S-octahydroanthracene	*	6,100.000	J		
P3171-05ME	DCVW9ME	Solid	Benzene, 1,2,4-trimethyl-5-(1-met	*	4,500.000	J		
P3171-05ME	DCVW9ME	Solid	Heptyl isobutyl ketone	*	3,800.000	J		
P3171-05ME	DCVW9ME	Solid	Hexanoic acid, 2-ethyl-	*	2,600.000	J		
P3171-05ME	DCVW9ME	Solid	Methyl 2-diethylamino-3-methyl-l	*	5,900.000	J		
P3171-05ME	DCVW9ME	Solid	n-Hexadecanoic acid	*	2,500.000	J		
P3171-05ME	DCVW9ME	Solid	Neopentyl glycol	*	4,400.000	J		
P3171-05ME	DCVW9ME	Solid	Sulfurous acid, 2-ethylhexyl nony	*	12,000.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-01	*	5,400.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-02	*	3,800.000	J		
P3171-05ME	DCVW9ME	Solid	unknown-03	*	2,700.000	J		
P3171-05ME	DCVW9ME	Solid	Total Alkanes	*	63,000.000		840	6000 ug/Kg
Total Tics :					187,600.00			
P3171-05ME	DCVW9ME	Solid	2,3,4,6-Tetrachlorophenol		13,000.000		1200	6000 ug/Kg
P3171-05ME	DCVW9ME	Solid	2-Methylnaphthalene		1,300.000	J	770	6000 ug/Kg
P3171-05ME	DCVW9ME	Solid	Pentachlorophenol		210,000.000	E	2200	12000 ug/Kg
Total Svoc :					224,300.00			
Total Concentration:					411,900.00			
Client ID : DCVW9MEDL								
P3171-05MEDL	DCVW9MEDL	Solid	Sulfurous acid, 2-ethylhexyl nony	*	13,000.000	JD		

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-05MEDL	DCVW9MEDL	Solid	Total Alkanes	*	0.000	D 4200	30000	ug/Kg
Total Tics :				13,000.00				
P3171-05MEDL	DCVW9MEDL	Solid	2,3,4,6-Tetrachlorophenol	13,000.000	JD	5800	30000	ug/Kg
P3171-05MEDL	DCVW9MEDL	Solid	Pentachlorophenol	210,000.000	D	11000	60000	ug/Kg
Total Svoc :				223,000.00				
Total Concentration:				236,000.00				
Client ID : F7E01ME								
P3329-02ME	F7E01ME	Solid	11H-Benzo[b]fluorene	*	3,100.000	J		
P3329-02ME	F7E01ME	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	3,000.000	J		
P3329-02ME	F7E01ME	Solid	4H-Cyclopenta[def]phenanthrene	*	6,300.000	J		
P3329-02ME	F7E01ME	Solid	Dibenzofuran, 4-methyl-	*	2,600.000	J		
P3329-02ME	F7E01ME	Solid	Dibenzothiophene	*	3,600.000	J		
P3329-02ME	F7E01ME	Solid	Fluoranthene, 2-methyl-	*	2,900.000	J		
P3329-02ME	F7E01ME	Solid	Naphthalene, 1,3-dimethyl-	*	3,800.000	J		
P3329-02ME	F7E01ME	Solid	Naphthalene, 2,3-dimethyl-	*	4,100.000	J		
P3329-02ME	F7E01ME	Solid	Phenanthrene, 1-methyl-	*	4,000.000	J		
P3329-02ME	F7E01ME	Solid	Phenanthrene, 2-methyl-	*	4,700.000	J		
P3329-02ME	F7E01ME	Solid	Total Alkanes	*	0.000	810	5800	ug/Kg
Total Tics :				38,100.00				
P3329-02ME	F7E01ME	Solid	1,1-Biphenyl	3,200.000	J	810	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	1-Methylnaphthalene	7,800.000		1400	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	2-Methylnaphthalene	15,000.000		740	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Acenaphthene	16,000.000		950	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Anthracene	10,000.000		790	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Benzo(a)anthracene	5,100.000	J	640	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Benzo(a)pyrene	2,100.000	J	1300	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Benzo(b)fluoranthene	3,600.000	J	1300	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Carbazole	2,300.000	J	710	12000	ug/Kg
P3329-02ME	F7E01ME	Solid	Chrysene	4,600.000	J	900	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Dibenzofuran	12,000.000		830	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Fluoranthene	22,000.000		1600	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Fluorene	17,000.000		820	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Naphthalene	18,000.000		810	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Phenanthrene	45,000.000		970	5800	ug/Kg
P3329-02ME	F7E01ME	Solid	Pyrene	14,000.000		1300	5800	ug/Kg
Total Svoc :				197,700.00				
Total Concentration:				235,800.00				
Client ID : F7E03ME								
P3329-04ME	F7E03ME	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	3,800.000	J		
P3329-04ME	F7E03ME	Solid	11H-Benzo[b]fluorene	*	2,800.000	J		

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-04ME	F7E03ME	Solid	4H-Cyclopenta[def]phenanthrene	*	7,100.000	J		
P3329-04ME	F7E03ME	Solid	9H-Fluoren-3-ol	*	3,200.000	J		
P3329-04ME	F7E03ME	Solid	9H-Fluoren-9-ol	*	4,600.000	J		
P3329-04ME	F7E03ME	Solid	9H-Fluorene, 1-methyl-	*	2,400.000	J		
P3329-04ME	F7E03ME	Solid	Anthracene, 2-methyl-	*	2,300.000	J		
P3329-04ME	F7E03ME	Solid	Benzene, 1,2,3-trimethyl-	*	2,800.000	J		
P3329-04ME	F7E03ME	Solid	Dibenzothiophene	*	4,700.000	J		
P3329-04ME	F7E03ME	Solid	Fluoranthene, 2-methyl-	*	3,100.000	J		
P3329-04ME	F7E03ME	Solid	Indane	*	4,900.000	J		
P3329-04ME	F7E03ME	Solid	Indene	*	6,900.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 1,6-dimethyl-	*	4,800.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 2,3-dimethyl-	*	3,100.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 2,6-dimethyl-	*	4,900.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 2,7-dimethyl-	*	3,400.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 2-(1-methylethyl)-	*	2,300.000	J		
P3329-04ME	F7E03ME	Solid	Naphthalene, 2-phenyl-	*	2,200.000	J		
P3329-04ME	F7E03ME	Solid	Phenanthrene, 1-methyl-	*	5,300.000	J		
P3329-04ME	F7E03ME	Solid	Phenanthrene, 2-methyl-	*	4,200.000	J		
P3329-04ME	F7E03ME	Solid	Total Alkanes	*	0.000	760	5400	ug/Kg
Total Tics :					78,800.00			
P3329-04ME	F7E03ME	Solid	1,1-Biphenyl		5,900.000	760	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	1-Methylnaphthalene		14,000.000	1300	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	2-Methylnaphthalene		33,000.000	690	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Acenaphthene		21,000.000	890	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Anthracene		36,000.000	740	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Benzo(a)anthracene		5,700.000	590	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Benzo(a)pyrene	J	1,900.000	1200	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Benzo(b)fluoranthene	J	2,800.000	1200	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Benzo(k)fluoranthene	J	1,400.000	830	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Carbazole		21,000.000	660	11000	ug/Kg
P3329-04ME	F7E03ME	Solid	Chrysene	J	4,900.000	840	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Dibenzofuran		19,000.000	780	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Fluoranthene		22,000.000	1500	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Fluorene		24,000.000	770	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Naphthalene	E	120,000.000	760	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Phenanthrene		60,000.000	910	5400	ug/Kg
P3329-04ME	F7E03ME	Solid	Pyrene		16,000.000	1200	5400	ug/Kg
Total Svoc :					408,600.00			
Total Concentration:					487,400.00			

Client ID : F7E03MEDL

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-04MEDL	F7E03MEDL	Solid	Total Alkanes	*	0.000	D 3800	27000	ug/Kg
Total Tics :				0.00				
P3329-04MEDL	F7E03MEDL	Solid	1,1-Biphenyl	6,900.000	JD	3800	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	1-Methylnaphthalene	20,000.000	JD	6500	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	2-Methylnaphthalene	45,000.000	D	3500	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Acenaphthene	26,000.000	JD	4400	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Anthracene	42,000.000	D	3700	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Benzo(a)anthracene	6,500.000	JD	3000	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Carbazole	22,000.000	JD	3300	54000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Chrysene	6,000.000	JD	4200	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Dibenzofuran	22,000.000	JD	3900	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Fluoranthene	26,000.000	JD	7600	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Fluorene	28,000.000	D	3800	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Naphthalene	160,000.000	D	3800	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Phenanthrene	72,000.000	D	4500	27000	ug/Kg
P3329-04MEDL	F7E03MEDL	Solid	Pyrene	18,000.000	JD	5900	27000	ug/Kg
Total Svoc :				500,400.00				
Total Concentration:				500,400.00				
Client ID : F7E07ME								
P3329-05ME	F7E07ME	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	2,500.000	J		
P3329-05ME	F7E07ME	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	3,300.000	J		
P3329-05ME	F7E07ME	Solid	11H-Benzo[a]fluorene	*	2,900.000	J		
P3329-05ME	F7E07ME	Solid	11H-Benzo[b]fluorene	*	2,200.000	J		
P3329-05ME	F7E07ME	Solid	1H-Indene, 2-phenyl-	*	2,200.000	J		
P3329-05ME	F7E07ME	Solid	4H-Cyclopenta[def]phenanthrene	*	5,500.000	J		
P3329-05ME	F7E07ME	Solid	9H-Fluoren-3-ol	*	2,600.000	J		
P3329-05ME	F7E07ME	Solid	Acridine	*	3,300.000	J		
P3329-05ME	F7E07ME	Solid	Anthracene, 2-methyl-	*	2,600.000	J		
P3329-05ME	F7E07ME	Solid	Benzene, 1-propynyl-	*	4,700.000	J		
P3329-05ME	F7E07ME	Solid	Dibenzothiophene	*	3,600.000	J		
P3329-05ME	F7E07ME	Solid	Indane	*	3,500.000	J		
P3329-05ME	F7E07ME	Solid	Naphthalene, 1,3-dimethyl-	*	2,300.000	J		
P3329-05ME	F7E07ME	Solid	Naphthalene, 2,3-dimethyl-	*	3,300.000	J		
P3329-05ME	F7E07ME	Solid	Naphthalene, 2,7-dimethyl-	*	3,700.000	J		
P3329-05ME	F7E07ME	Solid	Phenanthrene, 1-methyl-	*	3,300.000	J		
P3329-05ME	F7E07ME	Solid	unknown-01	*	2,500.000	J		
P3329-05ME	F7E07ME	Solid	Total Alkanes	*	0.000	750	5400	ug/Kg
Total Tics :				54,000.00				
P3329-05ME	F7E07ME	Solid	1,1-Biphenyl	3,700.000	J	750	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	1-Methylnaphthalene	11,000.000		1300	5400	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-05ME	F7E07ME	Solid	2-Methylnaphthalene	24,000.000		690	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Acenaphthene	16,000.000		880	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Anthracene	9,300.000		730	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Benzo(a)anthracene	4,600.000	J	590	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Benzo(a)pyrene	1,500.000	J	1200	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Benzo(b)fluoranthene	2,400.000	J	1200	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Carbazole	6,800.000	J	650	11000	ug/Kg
P3329-05ME	F7E07ME	Solid	Chrysene	3,800.000	J	840	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Dibenzofuran	14,000.000		770	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Fluoranthene	17,000.000		1500	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Fluorene	17,000.000		760	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Naphthalene	89,000.000	E	750	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Phenanthrene	44,000.000		900	5400	ug/Kg
P3329-05ME	F7E07ME	Solid	Pyrene	11,000.000		1200	5400	ug/Kg

Total Svoc : 275,100.00

Total Concentration: 329,100.00

Client ID : F7E07MEDL

P3329-05MEDL	F7E07MEDL	Solid	4H-Cyclopenta[def]phenanthrene *	6,100.000	JD			
P3329-05MEDL	F7E07MEDL	Solid	Anthracene, 2-methyl- *	4,700.000	JD			
P3329-05MEDL	F7E07MEDL	Solid	Indene *	4,900.000	JD			
P3329-05MEDL	F7E07MEDL	Solid	Naphthalene, 1,6-dimethyl- *	4,300.000	JD			
P3329-05MEDL	F7E07MEDL	Solid	Total Alkanes *	0.000	D	1500	11000	ug/Kg

Total Tics : 20,000.00

P3329-05MEDL	F7E07MEDL	Solid	1,1-Biphenyl	4,300.000	JD	1500	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	1-Methylnaphthalene	12,000.000	D	2600	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	2-Methylnaphthalene	26,000.000	D	1400	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Acenaphthene	17,000.000	D	1800	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Anthracene	9,600.000	JD	1500	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Benzo(a)anthracene	4,600.000	JD	1200	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Benzo(b)fluoranthene	2,400.000	JD	2400	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Carbazole	6,600.000	JD	1300	21000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Chrysene	4,100.000	JD	1700	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Dibenzofuran	13,000.000	D	1500	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Fluoranthene	20,000.000	D	3000	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Fluorene	15,000.000	D	1500	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Naphthalene	92,000.000	D	1500	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Phenanthrene	47,000.000	D	1800	11000	ug/Kg
P3329-05MEDL	F7E07MEDL	Solid	Pyrene	14,000.000	D	2400	11000	ug/Kg

Total Svoc : 287,600.00

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				307,600.00				
Client ID :	F7E25ME							
P3329-17ME	F7E25ME	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	3,200.000	J		
P3329-17ME	F7E25ME	Solid	11H-Benzo[a]fluorene	*	3,200.000	J		
P3329-17ME	F7E25ME	Solid	4H-Cyclopenta[def]phenanthrene	*	8,700.000	J		
P3329-17ME	F7E25ME	Solid	9H-Fluoren-9-ol	*	4,600.000	J		
P3329-17ME	F7E25ME	Solid	9H-Fluorene, 2-methyl-	*	3,000.000	J		
P3329-17ME	F7E25ME	Solid	Dibenzothiophene	*	4,300.000	J		
P3329-17ME	F7E25ME	Solid	Fluoranthene, 2-methyl-	*	3,200.000	J		
P3329-17ME	F7E25ME	Solid	Naphthalene, 1,7-dimethyl-	*	4,300.000	J		
P3329-17ME	F7E25ME	Solid	Naphthalene, 2,3-dimethyl-	*	4,200.000	J		
P3329-17ME	F7E25ME	Solid	Naphthalene, 2-phenyl-	*	2,700.000	J		
P3329-17ME	F7E25ME	Solid	Phenanthrene, 1-methyl-	*	6,200.000	J		
P3329-17ME	F7E25ME	Solid	Phenanthrene, 2-methyl-	*	4,900.000	J		
P3329-17ME	F7E25ME	Solid	Total Alkanes	*	0.000	890	6300	ug/Kg
Total Tics :				52,500.00				
P3329-17ME	F7E25ME	Solid	1,1-Biphenyl		3,500.000	J	890	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	1-Methylnaphthalene		8,700.000		1500	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	2-Methylnaphthalene		20,000.000		810	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Acenaphthene		17,000.000		1000	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Anthracene		7,900.000		860	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Benzo(a)anthracene		6,100.000	J	700	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Benzo(a)pyrene		2,400.000	J	1400	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Benzo(b)fluoranthene		4,200.000	J	1400	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Benzo(k)fluoranthene		1,300.000	J	970	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Carbazole		3,400.000	J	770	13000 ug/Kg
P3329-17ME	F7E25ME	Solid	Chrysene		5,200.000	J	990	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Dibenzofuran		14,000.000		910	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Fluoranthene		24,000.000		1800	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Fluorene		19,000.000		900	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Naphthalene		41,000.000		890	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Phenanthrene		55,000.000		1100	6300 ug/Kg
P3329-17ME	F7E25ME	Solid	Pyrene		16,000.000		1400	6300 ug/Kg
Total Svoc :				248,700.00				
Total Concentration:				301,200.00				
Client ID :	E05Y8							
P3433-06	E05Y8	Solid	(DEL) Alkane: Straight-Chain21.1	*	4,400.000	J		
P3433-06	E05Y8	Solid	1-Phenoxypropan-2-ol	*	3,000.000	J		
P3433-06	E05Y8	Solid	n-Hexadecanoic acid	*	3,800.000	J		

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3433-06	E05Y8	Solid	unknown-01	*	2,700.000	J		
P3433-06	E05Y8	Solid	Total Alkanes	*	4,400.000	670	4800	ug/Kg
Total Tics :					18,300.00			
Total Concentration:					18,300.00			
Client ID : E05Y9								
P3433-07	E05Y9	Solid	(DEL) Alkane: Straight-Chain21.1	*	2,800.000	J		
P3433-07	E05Y9	Solid	1-Phenoxypropan-2-ol	*	2,100.000	J		
P3433-07	E05Y9	Solid	n-Hexadecanoic acid	*	2,700.000	J		
P3433-07	E05Y9	Solid	Total Alkanes	*	2,800.000	690	5000	ug/Kg
Total Tics :					10,400.00			
Total Concentration:					10,400.00			
Client ID : E05Y6								
P3435-14	E05Y6	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	250,000.000	JD		
P3435-14	E05Y6	Solid	1-Isopropenylnaphthalene	*	190,000.000	JD		
P3435-14	E05Y6	Solid	1H-Benzo[b]fluorene	*	130,000.000	JD		
P3435-14	E05Y6	Solid	4-(4-Methylphenyl)benzaldehyde	*	140,000.000	JD		
P3435-14	E05Y6	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200,000.000	JD		
P3435-14	E05Y6	Solid	9H-Fluoren-9-ol	*	440,000.000	JD		
P3435-14	E05Y6	Solid	9H-Fluorene, 1-methyl-	*	300,000.000	JD		
P3435-14	E05Y6	Solid	Acridine	*	260,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 1-methyl-	*	260,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 2-methyl-	*	280,000.000	JD		
P3435-14	E05Y6	Solid	Anthracene, 9,10-dihydro-	*	110,000.000	JD		
P3435-14	E05Y6	Solid	Benz(a)anthracene-7-carbonitrile	*	110,000.000	JD		
P3435-14	E05Y6	Solid	Benzo[c]thiophene	*	130,000.000	JD		
P3435-14	E05Y6	Solid	Benzo[e]pyrene	*	350,000.000	JD		
P3435-14	E05Y6	Solid	Dibenzothiophene	*	650,000.000	JD		
P3435-14	E05Y6	Solid	Diphenylmethane	*	240,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,2-dimethyl-	*	270,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,6-dimethyl-	*	150,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1,7-dimethyl-	*	170,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1-ethyl-	*	160,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 1-phenyl-	*	90,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 2,6-dimethyl-	*	140,000.000	JD		
P3435-14	E05Y6	Solid	Naphthalene, 2-phenyl-	*	430,000.000	JD		
P3435-14	E05Y6	Solid	Nordiphenamid	*	140,000.000	JD		
P3435-14	E05Y6	Solid	Perylene	*	410,000.000	JD		
P3435-14	E05Y6	Solid	Phenanthrene, 1-methyl-	*	660,000.000	JD		
P3435-14	E05Y6	Solid	Phenanthrene, 2,5-dimethyl-	*	160,000.000	JD		

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3435-14	E05Y6	Solid	Phenanthrene, 2-methyl-	* 510,000.000	JD			
P3435-14	E05Y6	Solid	Pyrene, 1-methyl-	* 150,000.000	JD			
P3435-14	E05Y6	Solid	unknown-01	* 270,000.000	JD			
P3435-14	E05Y6	Solid	Total Alkanes	* 0.000	D	16000	120000	ug/Kg
Total Tics :				8,750,000.00				
P3435-14	E05Y6	Solid	1,1-Biphenyl	520,000.000	D	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	1-Methylnaphthalene	920,000.000	D	28000	120000	ug/Kg
P3435-14	E05Y6	Solid	2-Methylnaphthalene	2,000,000.000	ED	15000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acenaphthene	2,700,000.000	ED	19000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acenaphthylene	30,000.000	JD	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Acetophenone	41,000.000	JD	22000	230000	ug/Kg
P3435-14	E05Y6	Solid	Anthracene	3,200,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(a)anthracene	1,700,000.000	D	13000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(a)pyrene	890,000.000	D	25000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(b)fluoranthene	1,500,000.000	D	25000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(g,h,i)perylene	100,000.000	JD	21000	120000	ug/Kg
P3435-14	E05Y6	Solid	Benzo(k)fluoranthene	640,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Carbazole	1,400,000.000	D	14000	230000	ug/Kg
P3435-14	E05Y6	Solid	Chrysene	1,500,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Dibenzo(a,h)anthracene	180,000.000	D	18000	120000	ug/Kg
P3435-14	E05Y6	Solid	Dibenzofuran	2,200,000.000	ED	17000	120000	ug/Kg
P3435-14	E05Y6	Solid	Fluoranthene	4,900,000.000	ED	32000	120000	ug/Kg
P3435-14	E05Y6	Solid	Fluorene	2,600,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Indeno(1,2,3-cd)pyrene	520,000.000	D	21000	120000	ug/Kg
P3435-14	E05Y6	Solid	Naphthalene	3,600,000.000	ED	16000	120000	ug/Kg
P3435-14	E05Y6	Solid	Phenanthrene	7,400,000.000	ED	19000	120000	ug/Kg
P3435-14	E05Y6	Solid	Pyrene	3,500,000.000	ED	25000	120000	ug/Kg
Total Svoc :				42,041,000.00				
Total Concentration:				50,791,000.00				
Client ID : E05Y6DL								
P3435-14DL	E05Y6DL	Solid	11H-Benzo[a]fluorene	* 680,000.000	JD			
P3435-14DL	E05Y6DL	Solid	11H-Benzo[b]fluorene	* 610,000.000	JD			
P3435-14DL	E05Y6DL	Solid	1H-Indene, 2-phenyl-	* 950,000.000	JD			
P3435-14DL	E05Y6DL	Solid	4H-Cyclopenta[def]phenanthrene	* 1,700,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Benzo[e]pyrene	* 550,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Dibenzofuran, 4-methyl-	* 530,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Dibenzothiophene	* 870,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Naphthalene, 1,6-dimethyl-	* 490,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Naphthalene, 2-phenyl-	* 500,000.000	JD			
P3435-14DL	E05Y6DL	Solid	Phenanthrene, 2-methyl-	* 680,000.000	JD			

Hit Summary Sheet SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3435-14DL	E05Y6DL	Solid	Total Alkanes	*	0.000	D	160000	1.2e+006 ug/Kg
Total Tics :				7,560,000.00				
P3435-14DL	E05Y6DL	Solid	1,1-Biphenyl	640,000.000	JD	160000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	1-Methylnaphthalene	1,300,000.000	D	280000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	2-Methylnaphthalene	2,900,000.000	D	150000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Acenaphthene	4,000,000.000	D	190000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Anthracene	4,700,000.000	D	160000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Benzo(a)anthracene	2,200,000.000	D	130000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Benzo(a)pyrene	1,200,000.000	D	250000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Benzo(b)fluoranthene	2,100,000.000	D	250000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Benzo(k)fluoranthene	760,000.000	JD	180000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Carbazole	1,800,000.000	JD	140000	2.3e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Chrysene	2,100,000.000	D	180000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Dibenzofuran	2,900,000.000	D	170000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Fluoranthene	7,200,000.000	D	320000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Fluorene	3,800,000.000	D	160000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Indeno(1,2,3-cd)pyrene	640,000.000	JD	210000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Naphthalene	5,100,000.000	D	160000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Phenanthrene	13,300,000.000	D	190000	1.2e+006	ug/Kg
P3435-14DL	E05Y6DL	Solid	Pyrene	4,900,000.000	D	250000	1.2e+006	ug/Kg
Total Svoc :				61,540,000.00				
Total Concentration:				69,100,000.00				
Client ID : E0AA3								
P3480-01	E0AA3	Water	1-Phenoxypropan-2-ol	*	2.300	J		
P3480-01	E0AA3	Water	n-Hexadecanoic acid	*	2.400	J		
P3480-01	E0AA3	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				4.70				
Total Concentration:				4.70				
Client ID : E0AA4								
P3480-02	E0AA4	Water	1-Phenoxypropan-2-ol	*	2.400	J		
P3480-02	E0AA4	Water	n-Hexadecanoic acid	*	2.400	J		
P3480-02	E0AA4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :				4.80				
Total Concentration:				4.80				
Client ID : E0AA5								
P3480-03	E0AA5	Water	(DEL) Alkane: Straight-Chain21.1	*	2.600	J		
P3480-03	E0AA5	Water	1-Phenoxypropan-2-ol	*	3.000	J		
P3480-03	E0AA5	Water	n-Hexadecanoic acid	*	3.300	J		
P3480-03	E0AA5	Water	Total Alkanes	*	2.600	1.1	5	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BP080824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Tics :			11.50		
		Total Concentration:			11.50		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 : _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP020882.D

Time Analyzed: 17:48

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
01 SBLK536	172576	7.61	582590	10.38	465613	14.25
02 SBLK539	174527	7.60	707112	10.38	384377	14.25
03 E05Y6	168551	7.62	707152	10.36	445614	14.25
04 SLCS536	170089	7.61	707632	10.37	469380	14.25
05 SLCS539	187961	7.60	774284	10.38	429083	14.25
06 DCVW9ME	173368	7.60	683204	10.38	390563	14.25
07 E05Y8	131776	7.60	535845	10.39	305798	14.25
08 E05Y9	172130	7.61	690418	10.38	382568	14.26
09 E05Y9MS	181629	7.60	703487	10.37	410158	14.25
10 E05Y9MSD	161272	7.61	666607	10.38	436725	14.25
11 SBLK595	115070	7.56	456821	10.33	339999	14.22
12 E0AA3	141486	7.61	638000	10.38	429789	14.25
13 E0AA4	159249	7.61	652972	10.37	425447	14.25
14 E0AA5	156438	7.61	650084	10.38	426063	14.26
15 SBLK594	174164	7.61	687856	10.38	428198	14.25
16 F7E01ME	113152	7.62	443470 *	10.39	318097	14.25
17 F7E03ME	147199	7.60	614243	10.35	397539	14.24
18 F7E07ME	172191	7.62	688127	10.37	494930	14.25
19 F7E25ME	160336	7.62	613982	10.38	451152	14.25
20 E05Y6DL	136978	7.63	606221	10.38	411726	14.25
21 DCVW9MEDL	149176	7.62	572955	10.38	405919	14.25
22 F7E03MEDL	121087	7.63	463651	10.38	349685	14.26
23 F7E07MEDL	152888	7.62	666890	10.37	458056	14.25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 20:23

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.						
24 SLCS594	178890	7.61	680779	10.36	467715	14.25

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020736 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP021452.D Time Analyzed: 17:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	180389	7.599	754017	10.37	493179	14.25
UPPER LIMIT	360778	8.099	1508034	10.869	986358	14.745
LOWER LIMIT	90194.5	7.099	377008.5	9.869	246589.5	13.745
EPA SAMPLE NO.						
01 SBLK536	172576	7.61	582590	10.38	465613	14.25
02 SBLK539	174527	7.60	707112	10.38	384377	14.25
03 E05Y6	168551	7.62	707152	10.36	445614	14.25
04 SLCS536	170089	7.61	707632	10.37	469380	14.25
05 SLCS539	187961	7.60	774284	10.38	429083	14.25
06 DCVW9ME	173368	7.60	683204	10.38	390563	14.25
07 E05Y8	131776	7.60	535845	10.39	305798	14.25
08 E05Y9	172130	7.61	690418	10.38	382568	14.26
09 E05Y9MS	181629	7.60	703487	10.37	410158	14.25
10 E05Y9MSD	161272	7.61	666607	10.38	436725	14.25

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020737 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP021463.D Time Analyzed: 09:12

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	218306	7.605	738617	10.36	595274	14.25
UPPER LIMIT	436612	8.105	1477234	10.863	1190548	14.751
LOWER LIMIT	109153	7.105	369308.5	9.863	297637	13.751
EPA SAMPLE NO.						
01 SBLK595	115070	7.56	456821	10.33	339999	14.22
02 E0AA3	141486	7.61	638000	10.38	429789	14.25
03 E0AA4	159249	7.61	652972	10.37	425447	14.25
04 E0AA5	156438	7.61	650084	10.38	426063	14.26

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020738 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP021468.D Time Analyzed: 13:10

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	169118	7.605	623545	10.36	439804	14.25
UPPER LIMIT	338236	8.105	1247090	10.863	879608	14.751
LOWER LIMIT	84559	7.105	311772.5	9.863	219902	13.751
EPA SAMPLE NO.						
01 SBLK594	174164	7.61	687856	10.38	428198	14.25
02 F7E01ME	113152	7.62	443470	10.39	318097	14.25
03 F7E03ME	147199	7.60	614243	10.35	397539	14.24
04 F7E07ME	172191	7.62	688127	10.37	494930	14.25
05 F7E25ME	160336	7.62	613982	10.38	451152	14.25
06 E05Y6DL	136978	7.63	606221	10.38	411726	14.25
07 DCVW9MEDL	149176	7.62	572955	10.38	405919	14.25
08 F7E03MEDL	121087	7.63	463651	10.38	349685	14.26
09 F7E07MEDL	152888	7.62	666890	10.37	458056	14.25
10 SLCS594	178890	7.61	680779	10.36	467715	14.25

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.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 17:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18434e+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	SBLK536	1.025e+	17.08	1.04543e+	21.52	1.17322e+	24.80
02	SBLK539	859642	17.07	992024	21.52	1.11312e+	24.80
03	E05Y6	932657	17.07	830784	21.50	1.08172e+	24.79
04	SLCS536	1.02268	17.08	993903	21.51	1.13375e+	24.79
05	SLCS539	938704	17.08	1.0519e+0	21.51	1.18272e+	24.77
06	DCVW9ME	952540	17.08	938220	21.52	1.07154e+	24.79
07	E05Y8	779702	17.07	805924	21.53	905818	24.79
08	E05Y9	971995	17.08	950465	21.52	1.1272e+0	24.80
09	E05Y9MS	980983	17.07	962260	21.51	1.08129e+	24.80
10	E05Y9MSD	954766	17.07	894310	21.50	1.0753e+0	24.78
11	SBLK595	747065	17.05	744218	21.52	853903	24.78
12	E0AA3	938362	17.07	942904	21.52	1.09135e+	24.79
13	E0AA4	914681	17.08	906879	21.52	1.08047e+	24.80
14	E0AA5	934302	17.08	935021	21.52	1.05406e+	24.81
15	SBLK594	902959	17.06	842003	21.53	988428	24.82
16	F7E01ME	696335	17.07	665242	21.52	833741	24.80
17	F7E03ME	868109	17.05	854340	21.50	953520	24.79
18	F7E07ME	1.09531	17.06	1.13171e+	21.50	1.26528e+	24.80
19	F7E25ME	912622	17.07	996446	21.51	1.14049e+	24.79
20	E05Y6DL	890631	17.07	873379	21.52	1.07348e+	24.79
21	DCVW9MEDL	870728	17.07	912850	21.53	1.0605e+0	24.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020646 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 18:50

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.						
22 F7E03MEDL	679037	17.08	759754	21.52	878018	24.80
23 F7E07MEDL	993168	17.08	999479	21.52	1.12358e+	24.79
24 SLCS594	1.07957	17.08	1.03974e+	21.51	1.17396e+	24.79

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.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020736 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BP021452.D Time Analyzed: 17:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.0572e+00	17.069	1.02862e+	21.51	1.07306e+00	24.78
UPPER LIMIT	2114400	17.569	2057240	22.01	2146120	25.28
LOWER LIMIT	528600	16.569	514310	21.01	536530	24.28
EPA SAMPLE NO.						
01 SBLK536	1.025e+	17.08	1.04543e+	21.52	1.17322e+	24.80
02 SBLK539	859642	17.07	992024	21.52	1.11312e+	24.80
03 E05Y6	932657	17.07	830784	21.50	1.08172e+	24.79
04 SLCS536	1.02268	17.08	993903	21.51	1.13375e+	24.79
05 SLCS539	938704	17.08	1.0519e+0	21.51	1.18272e+	24.77
06 DCVW9ME	952540	17.08	938220	21.52	1.07154e+	24.79
07 E05Y8	779702	17.07	805924	21.53	905818	24.79
08 E05Y9	971995	17.08	950465	21.52	1.1272e+0	24.80
09 E05Y9MS	980983	17.07	962260	21.51	1.08129e+	24.80
10 E05Y9MSD	954766	17.07	894310	21.50	1.0753e+0	24.78

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.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020737 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP021463.D Time Analyzed: 09:12

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	1.27811e+01	17.069	1.27673e+	21.51	1.46845e+01	24.798
UPPER LIMIT	2556220	17.569	2553460	22.01	2936900	25.298
LOWER LIMIT	639055	16.569	638365	21.01	734225	24.298
EPA SAMPLE NO.						
01 SBLK595	747065	17.05	744218	21.52	853903	24.78
02 E0AA3	938362	17.07	942904	21.52	1.09135e+	24.79
03 E0AA4	914681	17.08	906879	21.52	1.08047e+	24.80
04 E0AA5	934302	17.08	935021	21.52	1.05406e+	24.81

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080824 SAS No.: BP080824 SDG NO.: BP080824

EPA Sample No.: SSTD020738 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BP021468.D Time Analyzed: 13:10

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	891122	17.069	931651	21.51	1.06769e+01	24.798
UPPER LIMIT	1782244	17.569	1863302	22.01	2135380	25.298
LOWER LIMIT	445561	16.569	465825.5	21.01	533845	24.298
EPA SAMPLE NO.						
01 SBLK594	902959	17.06	842003	21.53	988428	24.82
02 F7E01ME	696335	17.07	665242	21.52	833741	24.80
03 F7E03ME	868109	17.05	854340	21.50	953520	24.79
04 F7E07ME	1.09531	17.06	1.13171e+	21.50	1.26528e+	24.80
05 F7E25ME	912622	17.07	996446	21.51	1.14049e+	24.79
06 E05Y6DL	890631	17.07	873379	21.52	1.07348e+	24.79
07 DCVW9MEDL	870728	17.07	912850	21.53	1.0605e+0	24.79
08 F7E03MEDL	679037	17.08	759754	21.52	878018	24.80
09 F7E07MEDL	993168	17.08	999479	21.52	1.12358e+	24.79
10 SLCS594	1.07957	17.08	1.03974e+	21.51	1.17396e+	24.79

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.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162536BS	1,4-Dioxane	15800	9800	ug/Kg	62				0	0		
	Benzaldehyde	39600	28000	ug/Kg	71				0	0		
	Pyridine	39600	21000	ug/Kg	53				0	0		
	Phenol	39600	28000	ug/Kg	71				0	0		
	Bis(2-chloroethyl)ether	39600	26000	ug/Kg	66				0	0		
	2-Chlorophenol	39600	28000	ug/Kg	71				0	0		
	2-Methylphenol	39600	27000	ug/Kg	68				0	0		
	2,2-oxybis(1-Chloropropane)	39600	27000	ug/Kg	68				0	0		
	Acetophenone	39600	28000	ug/Kg	71				0	0		
	4-Methylphenol	39600	28000	ug/Kg	71				0	0		
	N-Nitroso-di-n-propylamine	39600	27000	ug/Kg	68				0	0		
	Hexachloroethane	39600	26000	ug/Kg	66				0	0		
	Nitrobenzene	39600	28000	ug/Kg	71				0	0		
	Isophorone	39600	27000	ug/Kg	68				0	0		
	2-Nitrophenol	39600	28000	ug/Kg	71				0	0		
	2,4-Dimethylphenol	39600	23000	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	39600	27000	ug/Kg	68				0	0		
	2,4-Dichlorophenol	39600	27000	ug/Kg	68				0	0		
	Naphthalene	39600	27000	ug/Kg	68				0	0		
	4-Chloroaniline	39600	25000	ug/Kg	63				0	0		
	Hexachlorobutadiene	39600	26000	ug/Kg	66				0	0		
	Caprolactam	39600	31000	ug/Kg	78				0	0		
	4-Chloro-3-methylphenol	39600	29000	ug/Kg	73				0	0		
	1-Methylnaphthalene	39600	27000	ug/Kg	68				0	0		
	2-Methylnaphthalene	39600	28000	ug/Kg	71				0	0		
	Hexachlorocyclopentadiene	39600	8600	ug/Kg	22				0	0		
	2,4,6-Trichlorophenol	39600	24000	ug/Kg	61				0	0		
	2,4,5-Trichlorophenol	39600	26000	ug/Kg	66				0	0		
	1,1'-Biphenyl	39600	28000	ug/Kg	71				0	0		
	2-Chloronaphthalene	39600	27000	ug/Kg	68				0	0		
	2-Nitroaniline	39600	32000	ug/Kg	81				0	0		
	Dimethylphthalate	39600	28000	ug/Kg	71				0	0		
	2,6-Dinitrotoluene	39600	29000	ug/Kg	73				0	0		
	Acenaphthylene	39600	27000	ug/Kg	68				0	0		
	3-Nitroaniline	39600	33000	ug/Kg	83				0	0		
	Acenaphthene	39600	27000	ug/Kg	68				0	0		
	2,4-Dinitrophenol	39600	28000	ug/Kg	71				0	0		
	4-Nitrophenol	39600	27000	ug/Kg	68				0	0		
	Dibenzofuran	39600	29000	ug/Kg	73				0	0		
	2,4-Dinitrotoluene	39600	32000	ug/Kg	81				0	0		
	Diethylphthalate	39600	29000	ug/Kg	73				0	0		
	Fluorene	39600	29000	ug/Kg	73				0	0		
	4-Chlorophenyl-phenylether	39600	28000	ug/Kg	71				0	0		
	4-Nitroaniline	39600	40000	ug/Kg	101				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162536BS	4,6-Dinitro-2-methylphenol	39600	27000	ug/Kg	68				0	0	
	N-Nitrosodiphenylamine	39600	27000	ug/Kg	68				0	0	
	1,2,4,5-Tetrachlorobenzene	39600	27000	ug/Kg	68				0	0	
	4-Bromophenyl-phenylether	39600	26000	ug/Kg	66				0	0	
	Hexachlorobenzene	39600	27000	ug/Kg	68				0	0	
	Atrazine	39600	3000	ug/Kg	8				0	0	
	Pentachlorophenol	39600	19000	ug/Kg	48				0	0	
	Phenanthrene	39600	29000	ug/Kg	73				0	0	
	Pentachlorobenzene	39600	25000	ug/Kg	63				0	0	
	Anthracene	39600	28000	ug/Kg	71				0	0	
	1,2,3,4-Tetrachlorobenzene	39600	25000	ug/Kg	63				0	0	
	Carbazole	39600	31000	ug/Kg	78				0	0	
	Di-n-butylphthalate	39600	28000	ug/Kg	71				0	0	
	Fluoranthene	39600	25000	ug/Kg	63				0	0	
	Pyrene	39600	26000	ug/Kg	66				0	0	
	Butylbenzylphthalate	39600	26000	ug/Kg	66				0	0	
	3,3'-Dichlorobenzidine	39600	28000	ug/Kg	71				0	0	
	Benzo(a)anthracene	39600	28000	ug/Kg	71				0	0	
	Chrysene	39600	29000	ug/Kg	73				0	0	
	Bis(2-ethylhexyl)phthalate	39600	25000	ug/Kg	63				0	0	
	Di-n-octylphthalate	39600	27000	ug/Kg	68				0	0	
	Benzo(b)fluoranthene	39600	29000	ug/Kg	73				0	0	
	Benzo(k)fluoranthene	39600	29000	ug/Kg	73				0	0	
	Benzo(a)pyrene	39600	28000	ug/Kg	71				0	0	
	Indeno(1,2,3-cd)pyrene	39600	29000	ug/Kg	73				0	0	
	Dibenzo(a,h)anthracene	39600	29000	ug/Kg	73				0	0	
	Benzo(g,h,i)perylene	39600	27000	ug/Kg	68				0	0	
	2,3,4,6-Tetrachlorophenol	39600	23000	ug/Kg	58				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162539BS	1,4-Dioxane	15700	9500	ug/Kg	61				0	0	
	Benzaldehyde	39200	26000	ug/Kg	66				0	0	
	Pyridine	39200	20000	ug/Kg	51				0	0	
	Phenol	39200	26000	ug/Kg	66				0	0	
	Bis(2-chloroethyl)ether	39200	25000	ug/Kg	64				0	0	
	2-Chlorophenol	39200	26000	ug/Kg	66				0	0	
	2-Methylphenol	39200	26000	ug/Kg	66				0	0	
	2,2-oxybis(1-Chloropropane)	39200	26000	ug/Kg	66				0	0	
	Acetophenone	39200	23000	ug/Kg	59				0	0	
	4-Methylphenol	39200	24000	ug/Kg	61				0	0	
	N-Nitroso-di-n-propylamine	39200	22000	ug/Kg	56				0	0	
	Hexachloroethane	39200	21000	ug/Kg	54				0	0	
	Nitrobenzene	39200	27000	ug/Kg	69				0	0	
	Isophorone	39200	25000	ug/Kg	64				0	0	
	2-Nitrophenol	39200	26000	ug/Kg	66				0	0	
	2,4-Dimethylphenol	39200	21000	ug/Kg	54				0	0	
	Bis(2-chloroethoxy)methane	39200	25000	ug/Kg	64				0	0	
	2,4-Dichlorophenol	39200	25000	ug/Kg	64				0	0	
	Naphthalene	39200	26000	ug/Kg	66				0	0	
	4-Chloroaniline	39200	24000	ug/Kg	61				0	0	
	Hexachlorobutadiene	39200	24000	ug/Kg	61				0	0	
	Caprolactam	39200	28000	ug/Kg	71				0	0	
	4-Chloro-3-methylphenol	39200	28000	ug/Kg	71				0	0	
	1-Methylnaphthalene	39200	25000	ug/Kg	64				0	0	
	2-Methylnaphthalene	39200	26000	ug/Kg	66				0	0	
	Hexachlorocyclopentadiene	39200	10000	ug/Kg	26				0	0	
	2,4,6-Trichlorophenol	39200	26000	ug/Kg	66				0	0	
	2,4,5-Trichlorophenol	39200	29000	ug/Kg	74				0	0	
	1,1'-Biphenyl	39200	28000	ug/Kg	71				0	0	
	2-Chloronaphthalene	39200	27000	ug/Kg	69				0	0	
	2-Nitroaniline	39200	28000	ug/Kg	71				0	0	
	Dimethylphthalate	39200	27000	ug/Kg	69				0	0	
	2,6-Dinitrotoluene	39200	28000	ug/Kg	71				0	0	
	Acenaphthylene	39200	26000	ug/Kg	66				0	0	
	3-Nitroaniline	39200	31000	ug/Kg	79				0	0	
	Acenaphthene	39200	26000	ug/Kg	66				0	0	
	2,4-Dinitrophenol	39200	26000	ug/Kg	66				0	0	
	4-Nitrophenol	39200	30000	ug/Kg	77				0	0	
	Dibenzofuran	39200	28000	ug/Kg	71				0	0	
	2,4-Dinitrotoluene	39200	30000	ug/Kg	77				0	0	
	Diethylphthalate	39200	27000	ug/Kg	69				0	0	
	Fluorene	39200	28000	ug/Kg	71				0	0	
	4-Chlorophenyl-phenylether	39200	27000	ug/Kg	69				0	0	
	4-Nitroaniline	39200	35000	ug/Kg	89				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162539BS	4,6-Dinitro-2-methylphenol	39200	21000	ug/Kg	54				0	0		
	N-Nitrosodiphenylamine	39200	26000	ug/Kg	66				0	0		
	1,2,4,5-Tetrachlorobenzene	39200	30000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	39200	26000	ug/Kg	66				0	0		
	Hexachlorobenzene	39200	27000	ug/Kg	69				0	0		
	Atrazine	39200	2800	ug/Kg	7				0	0		
	Pentachlorophenol	39200	19000	ug/Kg	48				0	0		
	Phenanthrene	39200	27000	ug/Kg	69				0	0		
	Pentachlorobenzene	39200	26000	ug/Kg	66				0	0		
	Anthracene	39200	26000	ug/Kg	66				0	0		
	1,2,3,4-Tetrachlorobenzene	39200	26000	ug/Kg	66				0	0		
	Carbazole	39200	29000	ug/Kg	74				0	0		
	Di-n-butylphthalate	39200	26000	ug/Kg	66				0	0		
	Fluoranthene	39200	21000	ug/Kg	54				0	0		
	Pyrene	39200	22000	ug/Kg	56				0	0		
	Butylbenzylphthalate	39200	21000	ug/Kg	54				0	0		
	3,3'-Dichlorobenzidine	39200	26000	ug/Kg	66				0	0		
	Benzo(a)anthracene	39200	26000	ug/Kg	66				0	0		
	Chrysene	39200	27000	ug/Kg	69				0	0		
	Bis(2-ethylhexyl)phthalate	39200	24000	ug/Kg	61				0	0		
	Di-n-octylphthalate	39200	25000	ug/Kg	64				0	0		
	Benzo(b)fluoranthene	39200	28000	ug/Kg	71				0	0		
	Benzo(k)fluoranthene	39200	27000	ug/Kg	69				0	0		
	Benzo(a)pyrene	39200	26000	ug/Kg	66				0	0		
	Indeno(1,2,3-cd)pyrene	39200	27000	ug/Kg	69				0	0		
	Dibenzo(a,h)anthracene	39200	26000	ug/Kg	66				0	0		
	Benzo(g,h,i)perylene	39200	25000	ug/Kg	64				0	0		
	2,3,4,6-Tetrachlorophenol	39200	23000	ug/Kg	59				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162594BS	1,4-Dioxane	15700	11000	ug/Kg	70				0	0	
	Benzaldehyde	39200	30000	ug/Kg	77				0	0	
	Pyridine	39200	25000	ug/Kg	64				0	0	
	Phenol	39200	29000	ug/Kg	74				0	0	
	Bis(2-chloroethyl)ether	39200	27000	ug/Kg	69				0	0	
	2-Chlorophenol	39200	28000	ug/Kg	71				0	0	
	2-Methylphenol	39200	28000	ug/Kg	71				0	0	
	2,2-oxybis(1-Chloropropane)	39200	30000	ug/Kg	77				0	0	
	Acetophenone	39200	28000	ug/Kg	71				0	0	
	4-Methylphenol	39200	29000	ug/Kg	74				0	0	
	N-Nitroso-di-n-propylamine	39200	28000	ug/Kg	71				0	0	
	Hexachloroethane	39200	27000	ug/Kg	69				0	0	
	Nitrobenzene	39200	33000	ug/Kg	84				0	0	
	Isophorone	39200	31000	ug/Kg	79				0	0	
	2-Nitrophenol	39200	31000	ug/Kg	79				0	0	
	2,4-Dimethylphenol	39200	27000	ug/Kg	69				0	0	
	Bis(2-chloroethoxy)methane	39200	27000	ug/Kg	69				0	0	
	2,4-Dichlorophenol	39200	27000	ug/Kg	69				0	0	
	Naphthalene	39200	30000	ug/Kg	77				0	0	
	4-Chloroaniline	39200	28000	ug/Kg	71				0	0	
	Hexachlorobutadiene	39200	29000	ug/Kg	74				0	0	
	Caprolactam	39200	33000	ug/Kg	84				0	0	
	4-Chloro-3-methylphenol	39200	32000	ug/Kg	82				0	0	
	1-Methylnaphthalene	39200	30000	ug/Kg	77				0	0	
	2-Methylnaphthalene	39200	31000	ug/Kg	79				0	0	
	Hexachlorocyclopentadiene	39200	11000	ug/Kg	28				0	0	
	2,4,6-Trichlorophenol	39200	25000	ug/Kg	64				0	0	
	2,4,5-Trichlorophenol	39200	27000	ug/Kg	69				0	0	
	1,1'-Biphenyl	39200	30000	ug/Kg	77				0	0	
	2-Chloronaphthalene	39200	29000	ug/Kg	74				0	0	
	2-Nitroaniline	39200	31000	ug/Kg	79				0	0	
	Dimethylphthalate	39200	29000	ug/Kg	74				0	0	
	2,6-Dinitrotoluene	39200	27000	ug/Kg	69				0	0	
	Acenaphthylene	39200	27000	ug/Kg	69				0	0	
	3-Nitroaniline	39200	33000	ug/Kg	84				0	0	
	Acenaphthene	39200	30000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	39200	27000	ug/Kg	69				0	0	
	4-Nitrophenol	39200	29000	ug/Kg	74				0	0	
	Dibenzofuran	39200	31000	ug/Kg	79				0	0	
	2,4-Dinitrotoluene	39200	34000	ug/Kg	87				0	0	
	Diethylphthalate	39200	32000	ug/Kg	82				0	0	
	Fluorene	39200	31000	ug/Kg	79				0	0	
	4-Chlorophenyl-phenylether	39200	30000	ug/Kg	77				0	0	
	4-Nitroaniline	39200	41000	ug/Kg	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162594BS	4,6-Dinitro-2-methylphenol	39200	26000	ug/Kg	66				0	0	
	N-Nitrosodiphenylamine	39200	28000	ug/Kg	71				0	0	
	1,2,4,5-Tetrachlorobenzene	39200	29000	ug/Kg	74				0	0	
	4-Bromophenyl-phenylether	39200	27000	ug/Kg	69				0	0	
	Hexachlorobenzene	39200	27000	ug/Kg	69				0	0	
	Atrazine	39200	2700	ug/Kg	7				0	0	
	Pentachlorophenol	39200	19000	ug/Kg	48				0	0	
	Phenanthrene	39200	29000	ug/Kg	74				0	0	
	Pentachlorobenzene	39200	26000	ug/Kg	66				0	0	
	Anthracene	39200	28000	ug/Kg	71				0	0	
	1,2,3,4-Tetrachlorobenzene	39200	26000	ug/Kg	66				0	0	
	Carbazole	39200	32000	ug/Kg	82				0	0	
	Di-n-butylphthalate	39200	27000	ug/Kg	69				0	0	
	Fluoranthene	39200	26000	ug/Kg	66				0	0	
	Pyrene	39200	27000	ug/Kg	69				0	0	
	Butylbenzylphthalate	39200	26000	ug/Kg	66				0	0	
	3,3'-Dichlorobenzidine	39200	29000	ug/Kg	74				0	0	
	Benzo(a)anthracene	39200	29000	ug/Kg	74				0	0	
	Chrysene	39200	30000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	39200	26000	ug/Kg	66				0	0	
	Di-n-octylphthalate	39200	26000	ug/Kg	66				0	0	
	Benzo(b)fluoranthene	39200	30000	ug/Kg	77				0	0	
	Benzo(k)fluoranthene	39200	30000	ug/Kg	77				0	0	
	Benzo(a)pyrene	39200	29000	ug/Kg	74				0	0	
	Indeno(1,2,3-cd)pyrene	39200	29000	ug/Kg	74				0	0	
	Dibenzo(a,h)anthracene	39200	29000	ug/Kg	74				0	0	
	Benzo(g,h,i)perylene	39200	28000	ug/Kg	71				0	0	
	2,3,4,6-Tetrachlorophenol	39200	24000	ug/Kg	61				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK536

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021453.D

Lab Sample ID: PB162536BL

Instrument ID: BNA_P

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) MED

Time Analyzed: 17:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162536BS	PB162536BS	BP021456.D	08/08/2024
E05Y8	P3433-06	BP021459.D	08/08/2024
E05Y9	P3433-07	BP021460.D	08/08/2024
E05Y9MS	P3433-08MS	BP021461.D	08/09/2024
E05Y9MSD	P3433-09MSD	BP021462.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK539

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021454.D

Lab Sample ID: PB162539BL

Instrument ID: BNA_P

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) MED

Time Analyzed: 18:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05Y6	P3435-14	BP021455.D	08/08/2024
PB162539BS	PB162539BS	BP021457.D	08/08/2024
DCVW9ME	P3171-05ME	BP021458.D	08/08/2024
DCVW9MEDL	P3171-05MEDL	BP021475.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK594

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021469.D

Lab Sample ID: PB162594BL

Instrument ID: BNA_P

Date Extracted: 08/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/09/2024

Level: (low/med) MED

Time Analyzed: 13:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E01ME	P3329-02ME	BP021470.D	08/09/2024
F7E03ME	P3329-04ME	BP021471.D	08/09/2024
F7E07ME	P3329-05ME	BP021472.D	08/09/2024
F7E25ME	P3329-17ME	BP021473.D	08/09/2024
F7E03MEDL	P3329-04MEDL	BP021476.D	08/09/2024
F7E07MEDL	P3329-05MEDL	BP021477.D	08/09/2024
PB162594BS	PB162594BS	BP021478.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK595

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP080824

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021464.D

Lab Sample ID: PB162595BL

Instrument ID: BNA_P

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 09:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0AA3	P3480-01	BP021465.D	08/09/2024
E0AA4	P3480-02	BP021466.D	08/09/2024
E0AA5	P3480-03	BP021467.D	08/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3433-08MS	Client Sample ID:	E05Y9MS					DataFile:	BP021461.D		
1,4-Dioxane	15500		12000	ug/Kg	77				15	120	
Benzaldehyde	38800		35000	ug/Kg	90				0	0	
Pyridine	38800		25000	ug/Kg	64				0	0	
Phenol	38800		31000	ug/Kg	80				26	90	
Bis(2-chloroethyl)ether	38800		29000	ug/Kg	75				0	0	
2-Chlorophenol	38800		30000	ug/Kg	77				25	102	
2-Methylphenol	38800		30000	ug/Kg	77				0	0	
2,2-oxybis(1-Chloropropane)	38800		31000	ug/Kg	80				0	0	
Acetophenone	38800		30000	ug/Kg	77				0	0	
4-Methylphenol	38800		30000	ug/Kg	77				0	0	
N-Nitroso-di-n-propylamine	38800		29000	ug/Kg	75				41	126	
Hexachloroethane	38800		29000	ug/Kg	75				0	0	
Nitrobenzene	38800		33000	ug/Kg	85				0	0	
Isophorone	38800		30000	ug/Kg	77				0	0	
2-Nitrophenol	38800		32000	ug/Kg	82				0	0	
2,4-Dimethylphenol	38800		31000	ug/Kg	80				0	0	
Bis(2-chloroethoxy)methane	38800		28000	ug/Kg	72				0	0	
2,4-Dichlorophenol	38800		28000	ug/Kg	72				0	0	
Naphthalene	38800		31000	ug/Kg	80				0	0	
4-Chloroaniline	38800		27000	ug/Kg	70				0	0	
Hexachlorobutadiene	38800		30000	ug/Kg	77				0	0	
Caprolactam	38800		33000	ug/Kg	85				0	0	
4-Chloro-3-methylphenol	38800		34000	ug/Kg	88				26	103	
1-Methylnaphthalene	38800		31000	ug/Kg	80				0	0	
2-Methylnaphthalene	38800		31000	ug/Kg	80				0	0	
Hexachlorocyclopentadiene	38800		13000	ug/Kg	34				0	0	
2,4,6-Trichlorophenol	38800		34000	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	38800		35000	ug/Kg	90				0	0	
1,1'-Biphenyl	38800		35000	ug/Kg	90				0	0	
2-Chloronaphthalene	38800		35000	ug/Kg	90				0	0	
2-Nitroaniline	38800		40000	ug/Kg	103				0	0	
Dimethylphthalate	38800		30000	ug/Kg	77				0	0	
2,6-Dinitrotoluene	38800		30000	ug/Kg	77				0	0	
Acenaphthylene	38800		29000	ug/Kg	75				0	0	
3-Nitroaniline	38800		33000	ug/Kg	85				0	0	
Acenaphthene	38800		30000	ug/Kg	77				31	137	
2,4-Dinitrophenol	38800		28000	ug/Kg	72				0	0	
4-Nitrophenol	38800		22000	ug/Kg	57				11	114	
Dibenzofuran	38800		31000	ug/Kg	80				0	0	
2,4-Dinitrotoluene	38800		33000	ug/Kg	85				28	89	
Diethylphthalate	38800		30000	ug/Kg	77				0	0	
Fluorene	38800		31000	ug/Kg	80				0	0	
4-Chlorophenyl-phenylether	38800		31000	ug/Kg	80				0	0	
4-Nitroaniline	38800		39000	ug/Kg	101				0	0	
4,6-Dinitro-2-methylphenol	38800		25000	ug/Kg	64				0	0	
N-Nitrosodiphenylamine	38800		26000	ug/Kg	67				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	38800		35000	ug/Kg	90				0	0	
4-Bromophenyl-phenylether	38800		27000	ug/Kg	70				0	0	
Hexachlorobenzene	38800		28000	ug/Kg	72				0	0	
Atrazine	38800		25000	ug/Kg	64				0	0	
Pentachlorophenol	38800		27000	ug/Kg	70				17	109	
Phenanthrene	38800		32000	ug/Kg	82				0	0	
Pentachlorobenzene	38800		26000	ug/Kg	67				0	0	
Anthracene	38800		31000	ug/Kg	80				0	0	
1,2,3,4-Tetrachlorobenzene	38800		29000	ug/Kg	75				0	0	
Carbazole	38800		34000	ug/Kg	88				0	0	
Di-n-butylphthalate	38800		31000	ug/Kg	80				0	0	
Fluoranthene	38800		27000	ug/Kg	70				0	0	
Pyrene	38800		28000	ug/Kg	72				35	142	
Butylbenzylphthalate	38800		27000	ug/Kg	70				0	0	
3,3'-Dichlorobenzidine	38800		26000	ug/Kg	67				0	0	
Benzo(a)anthracene	38800		30000	ug/Kg	77				0	0	
Chrysene	38800		31000	ug/Kg	80				0	0	
Bis(2-ethylhexyl)phthalate	38800		27000	ug/Kg	70				0	0	
Di-n-octylphthalate	38800		29000	ug/Kg	75				0	0	
Benzo(b)fluoranthene	38800		32000	ug/Kg	82				0	0	
Benzo(k)fluoranthene	38800		30000	ug/Kg	77				0	0	
Benzo(a)pyrene	38800		29000	ug/Kg	75				0	0	
Indeno(1,2,3-cd)pyrene	38800		30000	ug/Kg	77				0	0	
Dibenzo(a,h)anthracene	38800		30000	ug/Kg	77				0	0	
Benzo(g,h,i)perylene	38800		29000	ug/Kg	75				0	0	
2,3,4,6-Tetrachlorophenol	38800		32000	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3433-09MSD	Client Sample ID:	E05Y9MSD					DataFile:	BP021462.D		
1,4-Dioxane	15400		13000	ug/Kg	84	9			15	120	50
Benzaldehyde	38500		37000	ug/Kg	96	6	*		0	0	0
Pyridine	38500		26000	ug/Kg	68	6	*		0	0	0
Phenol	38500		33000	ug/Kg	86	7			26	90	35
Bis(2-chloroethyl)ether	38500		31000	ug/Kg	81	8	*		0	0	0
2-Chlorophenol	38500		32000	ug/Kg	83	8			25	102	50
2-Methylphenol	38500		32000	ug/Kg	83	8	*		0	0	0
2,2-oxybis(1-Chloropropane)	38500		33000	ug/Kg	86	7	*		0	0	0
Acetophenone	38500		32000	ug/Kg	83	8	*		0	0	0
4-Methylphenol	38500		33000	ug/Kg	86	11	*		0	0	0
N-Nitroso-di-n-propylamine	38500		31000	ug/Kg	81	8			41	126	38
Hexachloroethane	38500		30000	ug/Kg	78	4	*		0	0	0
Nitrobenzene	38500		34000	ug/Kg	88	3	*		0	0	0
Isophorone	38500		28000	ug/Kg	73	5	*		0	0	0
2-Nitrophenol	38500		29000	ug/Kg	75	9	*		0	0	0
2,4-Dimethylphenol	38500		29000	ug/Kg	75	6	*		0	0	0
Bis(2-chloroethoxy)methane	38500		28000	ug/Kg	73	1	*		0	0	0
2,4-Dichlorophenol	38500		32000	ug/Kg	83	14	*		0	0	0
Naphthalene	38500		31000	ug/Kg	81	1	*		0	0	0
4-Chloroaniline	38500		29000	ug/Kg	75	7	*		0	0	0
Hexachlorobutadiene	38500		30000	ug/Kg	78	1	*		0	0	0
Caprolactam	38500		35000	ug/Kg	91	7	*		0	0	0
4-Chloro-3-methylphenol	38500		34000	ug/Kg	88	0			26	103	33
1-Methylnaphthalene	38500		31000	ug/Kg	81	1	*		0	0	0
2-Methylnaphthalene	38500		32000	ug/Kg	83	4	*		0	0	0
Hexachlorocyclopentadiene	38500		12000	ug/Kg	31	9	*		0	0	0
2,4,6-Trichlorophenol	38500		32000	ug/Kg	83	6	*		0	0	0
2,4,5-Trichlorophenol	38500		33000	ug/Kg	86	5	*		0	0	0
1,1'-Biphenyl	38500		33000	ug/Kg	86	5	*		0	0	0
2-Chloronaphthalene	38500		32000	ug/Kg	83	8	*		0	0	0
2-Nitroaniline	38500		38000	ug/Kg	99	4	*		0	0	0
Dimethylphthalate	38500		33000	ug/Kg	86	11	*		0	0	0
2,6-Dinitrotoluene	38500		33000	ug/Kg	86	11	*		0	0	0
Acenaphthylene	38500		32000	ug/Kg	83	10	*		0	0	0
3-Nitroaniline	38500		38000	ug/Kg	99	15	*		0	0	0
Acenaphthene	38500		33000	ug/Kg	86	11			31	137	19
2,4-Dinitrophenol	38500		32000	ug/Kg	83	14	*		0	0	0
4-Nitrophenol	38500		31000	ug/Kg	81	35			11	114	50
Dibenzofuran	38500		34000	ug/Kg	88	10	*		0	0	0
2,4-Dinitrotoluene	38500		37000	ug/Kg	96	*	12		28	89	47
Diethylphthalate	38500		28000	ug/Kg	73	5	*		0	0	0
Fluorene	38500		31000	ug/Kg	81	1	*		0	0	0
4-Chlorophenyl-phenylether	38500		30000	ug/Kg	78	3	*		0	0	0
4-Nitroaniline	38500		41000	ug/Kg	106	5	*		0	0	0
4,6-Dinitro-2-methylphenol	38500		28000	ug/Kg	73	13	*		0	0	0
N-Nitrosodiphenylamine	38500		31000	ug/Kg	81	19	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	38500		32000	ug/Kg	83	8	*		0	0	0
4-Bromophenyl-phenylether	38500		30000	ug/Kg	78	11	*		0	0	0
Hexachlorobenzene	38500		31000	ug/Kg	81	12	*		0	0	0
Atrazine	38500		29000	ug/Kg	75	16	*		0	0	0
Pentachlorophenol	38500		29000	ug/Kg	75	7			17	109	47
Phenanthrene	38500		33000	ug/Kg	86	5	*		0	0	0
Pentachlorobenzene	38500		29000	ug/Kg	75	11	*		0	0	0
Anthracene	38500		32000	ug/Kg	83	4	*		0	0	0
1,2,3,4-Tetrachlorobenzene	38500		29000	ug/Kg	75	0			0	0	0
Carbazole	38500		36000	ug/Kg	94	7	*		0	0	0
Di-n-butylphthalate	38500		32000	ug/Kg	83	4	*		0	0	0
Fluoranthene	38500		29000	ug/Kg	75	7	*		0	0	0
Pyrene	38500		31000	ug/Kg	81	12			35	142	36
Butylbenzylphthalate	38500		31000	ug/Kg	81	15	*		0	0	0
3,3'-Dichlorobenzidine	38500		27000	ug/Kg	70	4	*		0	0	0
Benzo(a)anthracene	38500		31000	ug/Kg	81	5	*		0	0	0
Chrysene	38500		34000	ug/Kg	88	10	*		0	0	0
Bis(2-ethylhexyl)phthalate	38500		26000	ug/Kg	68	3	*		0	0	0
Di-n-octylphthalate	38500		30000	ug/Kg	78	4	*		0	0	0
Benzo(b)fluoranthene	38500		34000	ug/Kg	88	7	*		0	0	0
Benzo(k)fluoranthene	38500		33000	ug/Kg	86	11	*		0	0	0
Benzo(a)pyrene	38500		32000	ug/Kg	83	10	*		0	0	0
Indeno(1,2,3-cd)pyrene	38500		33000	ug/Kg	86	11	*		0	0	0
Dibenzo(a,h)anthracene	38500		32000	ug/Kg	83	8	*		0	0	0
Benzo(g,h,i)perylene	38500		31000	ug/Kg	81	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	38500		31000	ug/Kg	81	1	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3433-06	E05Y8	BP021459.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	19.27	48		20	120
			Phenol-d5	40	24.35	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.19	70		10	150
			2-Chlorophenol-d4	40	27.27	68		15	120
			4-Methylphenol-d8	40	27.51	69		10	140
			Nitrobenzene-d5	40	24.83	62		10	135
			2-Nitrophenol-d4	40	27.44	69		10	120
			2,4-Dichlorophenol-d3	40	24.21	61		10	140
			4-Chloroaniline-d4	40	27.74	69		1	145
			Dimethylphthalate-d6	40	36.68	92		10	145
			Acenaphthylene-d8	40	34.19	85		15	120
			4-Nitrophenol-d4	40	30.59	76		10	150
			Fluorene-d10	40	40.45	101		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	34.19	85		10	150
			Pyrene-d10	40	29.41	74		10	130
			Benzo(a)pyrene-d12	40	38.49	96		10	140
P3433-07	E05Y9	BP021460.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	13.24	33		20	120
			Phenol-d5	40	16.50	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.40	48		10	150
			2-Chlorophenol-d4	40	18.22	46		15	120
			4-Methylphenol-d8	40	18.33	46		10	140
			Nitrobenzene-d5	40	17.12	43		10	135
			2-Nitrophenol-d4	40	18.90	47		10	120
			2,4-Dichlorophenol-d3	40	18.15	45		10	140
			4-Chloroaniline-d4	40	19.63	49		1	145
			Dimethylphthalate-d6	40	24.18	60		10	145
			Acenaphthylene-d8	40	22.23	56		15	120
			4-Nitrophenol-d4	40	19.80	49		10	150
			Fluorene-d10	40	25.99	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.13	35		10	130
			Anthracene-d10	40	25.27	63		10	150
			Pyrene-d10	40	23.73	59		10	130
			Benzo(a)pyrene-d12	40	27.24	68		10	140
P3433-08MS	E05Y9MS	BP021461.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	17.92	45		20	120
			Phenol-d5	40	23.49	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.61	62		10	150
			2-Chlorophenol-d4	40	23.67	59		15	120
			4-Methylphenol-d8	40	23.44	59		10	140
			Nitrobenzene-d5	40	25.35	63		10	135
			2-Nitrophenol-d4	40	25.41	64		10	120
			2,4-Dichlorophenol-d3	40	23.22	58		10	140
			4-Chloroaniline-d4	40	25.69	64		1	145
			Dimethylphthalate-d6	40	27.61	69		10	145
			Acenaphthylene-d8	40	26.91	67		15	120
			4-Nitrophenol-d4	40	34.34	86		10	150

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3433-08MS	E05Y9MS	BP021461.D	Fluorene-d10	40	28.69	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.27	53		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	26.99	67		10	130
			Benzo(a)pyrene-d12	40	31.85	80		10	140
P3433-09MSD	E05Y9MSD	BP021462.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	19.43	49		20	120
			Phenol-d5	40	25.57	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.86	65		10	150
			2-Chlorophenol-d4	40	26.09	65		15	120
			4-Methylphenol-d8	40	25.86	65		10	140
			Nitrobenzene-d5	40	25.93	65		10	135
			2-Nitrophenol-d4	40	22.72	57		10	120
			2,4-Dichlorophenol-d3	40	25.50	64		10	140
			4-Chloroaniline-d4	40	26.24	66		1	145
			Dimethylphthalate-d6	40	31.12	78		10	145
			Acenaphthylene-d8	40	29.36	73		15	120
			4-Nitrophenol-d4	40	41.38	103		10	150
			Fluorene-d10	40	27.86	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.39	63		10	130
			Anthracene-d10	40	30.84	77		10	150
			Pyrene-d10	40	28.60	71		10	130
			Benzo(a)pyrene-d12	40	33.99	85		10	140
PB162536BL	PB162536BL	BP021453.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	21.57	54		20	120
			Phenol-d5	40	22.01	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.51	61		10	150
			2-Chlorophenol-d4	40	23.33	58		15	120
			4-Methylphenol-d8	40	22.53	56		10	140
			Nitrobenzene-d5	40	28.55	71		10	135
			2-Nitrophenol-d4	40	28.50	71		10	120
			2,4-Dichlorophenol-d3	40	25.48	64		10	140
			4-Chloroaniline-d4	40	24.16	60		1	145
			Dimethylphthalate-d6	40	27.15	68		10	145
			Acenaphthylene-d8	40	25.12	63		15	120
			4-Nitrophenol-d4	40	21.55	54		10	150
			Fluorene-d10	40	27.55	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.86	50		10	130
			Anthracene-d10	40	26.81	67		10	150
			Pyrene-d10	40	23.67	59		10	130
			Benzo(a)pyrene-d12	40	26.80	67		10	140
PB162536BS	PB162536BS	BP021456.D	1,4-Dioxane-d8	8	6.38	80		15	120
			Pyridine-d5	40	21.91	55		20	120
			Phenol-d5	40	27.35	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.12	68		10	150
			2-Chlorophenol-d4	40	26.78	67		15	120
			4-Methylphenol-d8	40	26.26	66		10	140
			Nitrobenzene-d5	40	27.07	68		10	135
			2-Nitrophenol-d4	40	27.44	69		10	120

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162536BS	PB162536BS	BP021456.D	2,4-Dichlorophenol-d3	40	27.15	68		10	140
			4-Chloroaniline-d4	40	25.76	64		1	145
			Dimethylphthalate-d6	40	28.80	72		10	145
			Acenaphthylene-d8	40	28.42	71		15	120
			4-Nitrophenol-d4	40	35.07	88		10	150
			Fluorene-d10	40	29.94	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.17	68		10	130
			Anthracene-d10	40	28.37	71		10	150
			Pyrene-d10	40	26.28	66		10	130
			Benzo(a)pyrene-d12	40	29.92	75		10	140

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-05ME	DCVW9ME	BP021458.D	Pyridine-d5	40	13.91	35		20	120
			1,4-Dioxane-d8	8	3.61	45		15	120
			Phenol-d5	40	19.09	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.59	49		10	150
			2-Chlorophenol-d4	40	19.53	49		15	120
			4-Methylphenol-d8	40	22.14	55		10	140
			Nitrobenzene-d5	40	19.18	48		10	135
			2-Nitrophenol-d4	40	21.40	53		10	120
			2,4-Dichlorophenol-d3	40	20.97	52		10	140
			4-Chloroaniline-d4	40	21.76	54		1	145
			Dimethylphthalate-d6	40	34.57	86		10	145
			Acenaphthylene-d8	40	29.82	75		15	120
			4-Nitrophenol-d4	40	27.35	68		10	150
			Fluorene-d10	40	31.19	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.14	50		10	130
			Anthracene-d10	40	33.82	85		10	150
			Pyrene-d10	40	33.88	85		10	130
			Benzo(a)pyrene-d12	40	46.65	117		10	140
P3171-05MEDL	DCVW9MEDL	BP021475.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.22	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.94	60		10	150
			2-Chlorophenol-d4	40	23.20	58		15	120
			4-Methylphenol-d8	40	24.89	62		10	140
			Nitrobenzene-d5	40	21.93	55		10	135
			2-Nitrophenol-d4	40	21.21	53		10	120
			2,4-Dichlorophenol-d3	40	23.30	58		10	140
			4-Chloroaniline-d4	40	22.69	57		1	145
			Dimethylphthalate-d6	40	34.77	87		10	145
			Acenaphthylene-d8	40	31.03	78		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	33.91	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.77	34		10	130
			Anthracene-d10	40	38.00	95		10	150
			Pyrene-d10	40	39.18	98		10	130
			Benzo(a)pyrene-d12	40	53.47	134		10	140
P3435-14	E05Y6	BP021455.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.58	32		15	120
			Phenol-d5	40	4.00	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.71	22		10	150
			2-Chlorophenol-d4	40	8.36	21		15	120
			4-Methylphenol-d8	40	8.00	20		10	140
			Nitrobenzene-d5	40	6.29	16		10	135
			2-Nitrophenol-d4	40	8.60	22		10	120
			2,4-Dichlorophenol-d3	40	9.09	23		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	12.59	31		10	145
			Acenaphthylene-d8	40	10.91	27		15	120
			4-Nitrophenol-d4	40	5.03	13		10	150

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3435-14	E05Y6	BP021455.D	Fluorene-d10	40	11.89	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.84	5	*	10	130
			Anthracene-d10	40	13.30	33		10	150
			Pyrene-d10	40	12.11	30		10	130
			Benzo(a)pyrene-d12	40	9.98	25		10	140
P3435-14DL	E05Y6DL	BP021474.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	17.30	43		10	145
			Acenaphthylene-d8	40	14.30	36		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	17.40	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	20.00	50		10	150
			Pyrene-d10	40	16.90	42		10	130
			Benzo(a)pyrene-d12	40	15.10	38		10	140
PB162539BL	PB162539BL	BP021454.D	Pyridine-d5	40	22.27	56		20	120
			1,4-Dioxane-d8	8	5.71	71		15	120
			Phenol-d5	40	22.78	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.49	64		10	150
			2-Chlorophenol-d4	40	23.84	60		15	120
			4-Methylphenol-d8	40	23.51	59		10	140
			Nitrobenzene-d5	40	24.02	60		10	135
			2-Nitrophenol-d4	40	23.59	59		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	23.66	59		1	145
			Dimethylphthalate-d6	40	31.93	80		10	145
			Acenaphthylene-d8	40	26.65	67		15	120
			4-Nitrophenol-d4	40	21.82	55		10	150
			Fluorene-d10	40	28.66	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.29	48		10	130
			Anthracene-d10	40	27.15	68		10	150
			Pyrene-d10	40	25.04	63		10	130
			Benzo(a)pyrene-d12	40	28.50	71		10	140
PB162539BS	PB162539BS	BP021457.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	21.85	55		20	120
			Phenol-d5	40	25.69	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.04	65		10	150
			2-Chlorophenol-d4	40	25.25	63		15	120
			4-Methylphenol-d8	40	21.42	54		10	140
			Nitrobenzene-d5	40	25.49	64		10	135
			2-Nitrophenol-d4	40	26.10	65		10	120

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162539BS	PB162539BS	BP021457.D	2,4-Dichlorophenol-d3	40	26.00	65		10	140
			4-Chloroaniline-d4	40	24.29	61		1	145
			Dimethylphthalate-d6	40	27.66	69		10	145
			Acenaphthylene-d8	40	27.20	68		15	120
			4-Nitrophenol-d4	40	34.81	87		10	150
			Fluorene-d10	40	28.68	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.48	66		10	130
			Anthracene-d10	40	27.16	68		10	150
			Pyrene-d10	40	21.79	54		10	130
			Benzo(a)pyrene-d12	40	28.19	70		10	140

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-02ME	F7E01ME	BP021470.D	1,4-Dioxane-d8	8	1.44	18		15	120
			Pyridine-d5	40	4.62	12	*	20	120
			Phenol-d5	40	4.01	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.31	18		10	150
			2-Chlorophenol-d4	40	6.12	15		15	120
			4-Methylphenol-d8	40	6.93	17		10	140
			Nitrobenzene-d5	40	6.99	17		10	135
			2-Nitrophenol-d4	40	6.25	16		10	120
			2,4-Dichlorophenol-d3	40	6.05	15		10	140
			4-Chloroaniline-d4	40	6.93	17		1	145
			Dimethylphthalate-d6	40	9.09	23		10	145
			Acenaphthylene-d8	40	8.22	21		15	120
			4-Nitrophenol-d4	40	4.97	12		10	150
			Fluorene-d10	40	9.69	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.65	9	*	10	130
			Anthracene-d10	40	9.94	25		10	150
			Pyrene-d10	40	9.22	23		10	130
			Benzo(a)pyrene-d12	40	9.63	24		10	140
P3329-04ME	F7E03ME	BP021471.D	1,4-Dioxane-d8	8	1.97	25		15	120
			Pyridine-d5	40	6.91	17	*	20	120
			Phenol-d5	40	7.72	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.79	27		10	150
			2-Chlorophenol-d4	40	9.66	24		15	120
			4-Methylphenol-d8	40	9.01	23		10	140
			Nitrobenzene-d5	40	8.38	21		10	135
			2-Nitrophenol-d4	40	8.72	22		10	120
			2,4-Dichlorophenol-d3	40	9.27	23		10	140
			4-Chloroaniline-d4	40	10.73	27		1	145
			Dimethylphthalate-d6	40	12.06	30		10	145
			Acenaphthylene-d8	40	11.08	28		15	120
			4-Nitrophenol-d4	40	7.80	20		10	150
			Fluorene-d10	40	12.77	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.55	14		10	130
			Anthracene-d10	40	12.12	30		10	150
			Pyrene-d10	40	10.40	26		10	130
			Benzo(a)pyrene-d12	40	12.73	32		10	140
P3329-04MEDL	F7E03MEDL	BP021476.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	2.57	6	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	13.02	33		10	150
			2-Chlorophenol-d4	40	10.08	25		15	120
			4-Methylphenol-d8	40	10.00	25		10	140
			Nitrobenzene-d5	40	11.64	29		10	135
			2-Nitrophenol-d4	40	10.14	25		10	120
			2,4-Dichlorophenol-d3	40	9.98	25		10	140
			4-Chloroaniline-d4	40	9.20	23		1	145
			Dimethylphthalate-d6	40	14.04	35		10	145
			Acenaphthylene-d8	40	11.97	30		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-04MEDL	F7E03MEDL	BP021476.D	Fluorene-d10	40	14.87	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	13.45	34		10	150
			Pyrene-d10	40	11.78	29		10	130
			Benzo(a)pyrene-d12	40	14.00	35		10	140
P3329-05ME	F7E07ME	BP021472.D	1,4-Dioxane-d8	8	0.74	9	*	15	120
			Pyridine-d5	40	2.30	6	*	20	120
			Phenol-d5	40	1.71	4	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	3.83	10		10	150
			2-Chlorophenol-d4	40	3.21	8	*	15	120
			4-Methylphenol-d8	40	3.91	10		10	140
			Nitrobenzene-d5	40	2.95	7	*	10	135
			2-Nitrophenol-d4	40	3.41	9	*	10	120
			2,4-Dichlorophenol-d3	40	3.69	9	*	10	140
			4-Chloroaniline-d4	40	4.95	12		1	145
			Dimethylphthalate-d6	40	5.48	14		10	145
			Acenaphthylene-d8	40	4.78	12	*	15	120
			4-Nitrophenol-d4	40	3.17	8	*	10	150
			Fluorene-d10	40	5.88	15	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.28	6	*	10	130
			Anthracene-d10	40	5.82	15		10	150
			Pyrene-d10	40	4.59	11		10	130
			Benzo(a)pyrene-d12	40	5.81	15		10	140
P3329-05MEDL	F7E07MEDL	BP021477.D	1,4-Dioxane-d8	8	0.65	8	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	1.38	3	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	4.19	10		10	150
			2-Chlorophenol-d4	40	3.50	9	*	15	120
			4-Methylphenol-d8	40	3.93	10		10	140
			Nitrobenzene-d5	40	3.36	8	*	10	135
			2-Nitrophenol-d4	40	2.83	7	*	10	120
			2,4-Dichlorophenol-d3	40	3.77	9	*	10	140
			4-Chloroaniline-d4	40	3.33	8		1	145
			Dimethylphthalate-d6	40	5.58	14		10	145
			Acenaphthylene-d8	40	4.75	12	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	5.38	13	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	6.03	15		10	150
			Pyrene-d10	40	5.35	13		10	130
			Benzo(a)pyrene-d12	40	5.83	15		10	140
P3329-17ME	F7E25ME	BP021473.D	1,4-Dioxane-d8	8	0.96	12	*	15	120
			Pyridine-d5	40	2.01	5	*	20	120
			Phenol-d5	40	2.07	5	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	4.25	11		10	150
			2-Chlorophenol-d4	40	3.50	9	*	15	120
			4-Methylphenol-d8	40	4.06	10		10	140
			Nitrobenzene-d5	40	4.16	10		10	135
			2-Nitrophenol-d4	40	3.95	10		10	120

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-17ME	F7E25ME	BP021473.D	2,4-Dichlorophenol-d3	40	4.12	10		10	140
			4-Chloroaniline-d4	40	4.29	11		1	145
			Dimethylphthalate-d6	40	6.75	17		10	145
			Acenaphthylene-d8	40	5.84	15		15	120
			4-Nitrophenol-d4	40	3.34	8	*	10	150
			Fluorene-d10	40	7.16	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.06	8	*	10	130
			Anthracene-d10	40	7.76	19		10	150
			Pyrene-d10	40	6.60	16		10	130
			Benzo(a)pyrene-d12	40	7.64	19		10	140
PB162594BL	PB162594BL	BP021469.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	21.41	54		20	120
			Phenol-d5	40	21.59	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.60	62		10	150
			2-Chlorophenol-d4	40	23.47	59		15	120
			4-Methylphenol-d8	40	22.80	57		10	140
			Nitrobenzene-d5	40	23.68	59		10	135
			2-Nitrophenol-d4	40	21.53	54		10	120
			2,4-Dichlorophenol-d3	40	20.86	52		10	140
			4-Chloroaniline-d4	40	23.04	58		1	145
			Dimethylphthalate-d6	40	25.25	63		10	145
			Acenaphthylene-d8	40	26.06	65		15	120
			4-Nitrophenol-d4	40	19.78	49		10	150
			Fluorene-d10	40	27.96	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.19	43		10	130
			Anthracene-d10	40	27.98	70		10	150
			Pyrene-d10	40	26.07	65		10	130
			Benzo(a)pyrene-d12	40	27.92	70		10	140
PB162594BS	PB162594BS	BP021478.D	1,4-Dioxane-d8	8	6.54	82		15	120
			Pyridine-d5	40	26.32	66		20	120
			Phenol-d5	40	28.10	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.32	71		10	150
			2-Chlorophenol-d4	40	27.53	69		15	120
			4-Methylphenol-d8	40	26.72	67		10	140
			Nitrobenzene-d5	40	30.49	76		10	135
			2-Nitrophenol-d4	40	29.69	74		10	120
			2,4-Dichlorophenol-d3	40	28.35	71		10	140
			4-Chloroaniline-d4	40	28.37	71		1	145
			Dimethylphthalate-d6	40	29.28	73		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	35.69	89		10	150
			Fluorene-d10	40	32.64	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.67	67		10	130
			Anthracene-d10	40	29.32	73		10	150
			Pyrene-d10	40	26.62	67		10	130
			Benzo(a)pyrene-d12	40	30.90	77		10	140

Surrogate Summary

SW-846

SDG No.: **BP080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3480-01	E0AA3	BP021465.D	1,4-Dioxane-d8	8	5.35	67		15	120
			Pyridine-d5	40	6.03	15	*	20	120
			Phenol-d5	40	4.65	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.72	54		25	120
			2-Chlorophenol-d4	40	19.89	50		20	130
			4-Methylphenol-d8	40	14.31	36		25	125
			Nitrobenzene-d5	40	23.04	58		20	125
			2-Nitrophenol-d4	40	22.25	56		20	130
			2,4-Dichlorophenol-d3	40	21.18	53		20	120
			4-Chloroaniline-d4	40	15.75	39		1	146
			Dimethylphthalate-d6	40	26.78	67		25	130
			Acenaphthylene-d8	40	24.12	60		10	130
			4-Nitrophenol-d4	40	6.35	16		10	150
			Fluorene-d10	40	27.16	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.55	49		10	130
			Anthracene-d10	40	28.83	72		25	130
			Pyrene-d10	40	25.98	65		15	130
			Benzo(a)pyrene-d12	40	31.00	78		20	130
P3480-02	E0AA4	BP021466.D	1,4-Dioxane-d8	8	5.02	63		15	120
			Pyridine-d5	40	3.31	8	*	20	120
			Phenol-d5	40	4.87	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.24	61		25	120
			2-Chlorophenol-d4	40	20.37	51		20	130
			4-Methylphenol-d8	40	13.47	34		25	125
			Nitrobenzene-d5	40	18.96	47		20	125
			2-Nitrophenol-d4	40	21.63	54		20	130
			2,4-Dichlorophenol-d3	40	21.75	54		20	120
			4-Chloroaniline-d4	40	16.36	41		1	146
			Dimethylphthalate-d6	40	27.35	68		25	130
			Acenaphthylene-d8	40	25.41	64		10	130
			4-Nitrophenol-d4	40	6.51	16		10	150
			Fluorene-d10	40	28.46	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.58	51		10	130
			Anthracene-d10	40	30.73	77		25	130
			Pyrene-d10	40	28.52	71		15	130
			Benzo(a)pyrene-d12	40	32.14	80		20	130
P3480-03	E0AA5	BP021467.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	3.57	9	*	20	120
			Phenol-d5	40	4.79	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.67	57		25	120
			2-Chlorophenol-d4	40	20.09	50		20	130
			4-Methylphenol-d8	40	14.78	37		25	125
			Nitrobenzene-d5	40	18.86	47		20	125
			2-Nitrophenol-d4	40	20.60	52		20	130
			2,4-Dichlorophenol-d3	40	20.85	52		20	120
			4-Chloroaniline-d4	40	16.34	41		1	146
			Dimethylphthalate-d6	40	25.98	65		25	130
			Acenaphthylene-d8	40	23.61	59		10	130
			4-Nitrophenol-d4	40	6.40	16		10	150

Surrogate Summary

SW-846

SDG No.: BP080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3480-03	E0AA5	BP021467.D	Fluorene-d10	40	26.81	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.22	46		10	130
			Anthracene-d10	40	27.87	70		25	130
			Pyrene-d10	40	25.46	64		15	130
			Benzo(a)pyrene-d12	40	29.75	74		20	130
PB162595BL	PB162595BL	BP021464.D	1,4-Dioxane-d8	8	8.11	101		15	120
			Pyridine-d5	40	33.02	83		20	120
			Phenol-d5	40	30.76	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.40	83		25	120
			2-Chlorophenol-d4	40	32.43	81		20	130
			4-Methylphenol-d8	40	30.34	76		25	125
			Nitrobenzene-d5	40	33.29	83		20	125
			2-Nitrophenol-d4	40	33.27	83		20	130
			2,4-Dichlorophenol-d3	40	30.47	76		20	120
			4-Chloroaniline-d4	40	34.07	85		1	146
			Dimethylphthalate-d6	40	33.92	85		25	130
			Acenaphthylene-d8	40	34.34	86		10	130
			4-Nitrophenol-d4	40	31.91	80		10	150
			Fluorene-d10	40	37.20	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.73	64		10	130
			Anthracene-d10	40	36.51	91		25	130
			Pyrene-d10	40	32.41	81		15	130
			Benzo(a)pyrene-d12	40	38.02	95		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080824

Lab Code: CHEM

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021451.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 16:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
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	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	93.7
443	15.0 - 24.0% of mass 442	18.2 (19.4) 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
SSTD020736	SSTDCCC020	BP021452.D	08/08/2024	17:00
SBLK536	PB162536BL	BP021453.D	08/08/2024	17:48
SBLK539	PB162539BL	BP021454.D	08/08/2024	18:35
E05Y6	P3435-14	BP021455.D	08/08/2024	19:22
SLCS536	PB162536BS	BP021456.D	08/08/2024	20:10
SLCS539	PB162539BS	BP021457.D	08/08/2024	20:57
DCVW9ME	P3171-05ME	BP021458.D	08/08/2024	21:45
E05Y8	P3433-06	BP021459.D	08/08/2024	22:32
E05Y9	P3433-07	BP021460.D	08/08/2024	23:19
E05Y9MS	P3433-08MS	BP021461.D	08/09/2024	00:07
E05Y9MSD	P3433-09MSD	BP021462.D	08/09/2024	00:54
SSTD020737	SSTDCCC020	BP021463.D	08/09/2024	03:16
SBLK595	PB162595BL	BP021464.D	08/09/2024	09:12
E0AA3	P3480-01	BP021465.D	08/09/2024	09:59
E0AA4	P3480-02	BP021466.D	08/09/2024	10:47
E0AA5	P3480-03	BP021467.D	08/09/2024	11:35
SSTD020738	SSTDCCC020	BP021468.D	08/09/2024	12:23
SBLK594	PB162594BL	BP021469.D	08/09/2024	13:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080824

Lab Code: CHEM

SAS No.: BP080824 SDG NO.: BP080824

Lab File ID: BP021451.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_P

DFTPP Injection Time: 16:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
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	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	93.7
443	15.0 - 24.0% of mass 442	18.2 (19.4) 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
F7E01ME	P3329-02ME	BP021470.D	08/09/2024	13:57
F7E03ME	P3329-04ME	BP021471.D	08/09/2024	14:55
F7E07ME	P3329-05ME	BP021472.D	08/09/2024	15:42
F7E25ME	P3329-17ME	BP021473.D	08/09/2024	16:29
E05Y6DL	P3435-14DL	BP021474.D	08/09/2024	17:17
DCVW9MEDL	P3171-05MEDL	BP021475.D	08/09/2024	18:04
F7E03MEDL	P3329-04MEDL	BP021476.D	08/09/2024	18:50
F7E07MEDL	P3329-05MEDL	BP021477.D	08/09/2024	19:37
SLCS594	PB162594BS	BP021478.D	08/09/2024	20:23
SSTD020739	SSTDCCC020EC	BP021479.D	08/09/2024	21:56