

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524
Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 11:28
Lab File ID: BP020955.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020686 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	0.474	0.010	-2.0139	40.0
Benzaldehyde	0.822	0.832	0.010	1.215	40.0
Pyridine	1.312	1.254	0.010	-4.4376	40.0
Phenol	1.650	1.447	0.080	-12.2828	20.0
Bis(2-Chloroethyl) ether	1.363	1.216	0.100	-10.7871	20.0
2-Chlorophenol	1.346	1.246	0.200	-7.4612	20.0
2-Methylphenol	1.276	1.118	0.010	-12.3569	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.742	0.010	-11.5478	40.0
Acetophenone	2.090	1.774	0.060	-15.1269	20.0
4-Methylphenol	1.367	1.166	0.010	-14.7035	20.0
N-Nitroso-di-n-propylamine	1.095	0.893	0.050	-18.4407	30.0
Hexachloroethane	0.605	0.544	0.100	-10.0492	20.0
Nitrobenzene	0.372	0.334	0.050	-10.1535	25.0
Isophorone	0.740	0.614	0.050	-17.0482	25.0
2-Nitrophenol	0.185	0.170	0.050	-8.2495	25.0
2,4-Dimethylphenol	0.366	0.328	0.050	-10.2197	25.0
Bis(2-Chloroethoxy) methane	0.450	0.387	0.050	-14.0102	20.0
2,4-Dichlorophenol	0.317	0.288	0.060	-8.9703	20.0
Naphthalene	1.052	0.964	0.200	-8.386	20.0
4-Chloroaniline	0.407	0.359	0.010	-11.7462	40.0
Hexachlorobutadiene	0.238	0.219	0.040	-7.6579	30.0
Caprolactam	0.098	0.082	0.010	-15.7501	40.0
4-Chloro-3-methylphenol	0.344	0.287	0.040	-16.6195	25.0
1-Methylnaphthalene	0.743	0.650	0.100	-12.4403	20.0
2-Methylnaphthalene	0.722	0.629	0.100	-12.948	20.0
Hexachlorocyclopentadiene	0.340	0.229	0.010	-32.6641	40.0
2,4,6-Trichlorophenol	0.410	0.373	0.090	-9.2383	25.0
2,4,5-Trichlorophenol	0.434	0.385	0.100	-11.3004	25.0
1,1-Biphenyl	1.462	1.315	0.200	-10.0176	20.0
2-Chloronaphthalene	1.167	1.072	0.300	-8.1585	20.0
2-Nitroaniline	0.323	0.279	0.050	-13.6917	40.0
Dimethylphthalate	1.475	1.306	0.300	-11.4556	20.0
2,6-Dinitrotoluene	0.295	0.260	0.080	-11.7406	30.0
Acenaphthylene	1.848	1.701	0.400	-7.9961	20.0
3-Nitroaniline	0.257	0.232	0.010	-9.7232	40.0
Acenaphthene	1.227	1.108	0.200	-9.6961	20.0
2,4-Dinitrophenol	0.155	0.104	0.010	-32.9837	40.0
4-Nitrophenol	0.168	0.132	0.010	-21.4404	40.0
Dibenzofuran	1.680	1.544	0.300	-8.0999	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524

Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 11:28

Lab File ID: BP020955.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020686 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	0.378	0.070	-6.5891	30.0
Diethylphthalate	1.474	1.292	0.300	-12.399	20.0
Fluorene	1.371	1.243	0.200	-9.3052	20.0
4-Chlorophenyl-phenylether	0.744	0.661	0.100	-11.1243	20.0
4-Nitroaniline	0.213	0.202	0.010	-5.0798	40.0
4,6-Dinitro-2-methylphenol	0.128	0.109	0.010	-15.1306	40.0
N-Nitrosodiphenylamine	0.582	0.505	0.050	-13.2737	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.615	0.100	-5.3602	20.0
4-Bromophenyl-phenylether	0.234	0.201	0.070	-14.3211	20.0
Hexachlorobenzene	0.269	0.235	0.050	-12.594	25.0
Atrazine	0.212	0.201	0.010	-5.4886	25.0
Pentachlorophenol	0.146	0.115	0.010	-21.5656	40.0
Phenanthrene	1.038	0.947	0.200	-8.715	20.0
Pentachlorobenzene	0.318	0.274	0.050	-13.9168	20.0
Anthracene	1.058	0.981	0.200	-7.2272	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.285	0.050	-10.9705	20.0
Carbazole	0.865	0.866	0.050	0.1243	40.0
Di-n-butylphthalate	1.193	1.096	0.500	-8.1492	25.0
Fluoranthene	1.493	1.109	0.400	-25.719	25.0
Pyrene	1.520	1.167	0.400	-23.1688	25.0
Butylbenzylphthalate	0.633	0.495	0.100	-21.7744	40.0
3,3-Dichlorobenzidine	0.457	0.420	0.010	-8.0075	40.0
Benzo (a) anthracene	1.401	1.246	0.300	-11.0475	30.0
Chrysene	1.302	1.146	0.200	-11.9444	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.733	0.200	-19.5905	40.0
Di-n-octyl phthalate	1.321	1.091	0.010	-17.4256	40.0
Benzo (b) fluoranthene	1.214	1.097	0.200	-9.6192	25.0
Benzo (k) fluoranthene	1.211	1.134	0.200	-6.3918	25.0
Benzo (a) pyrene	1.147	1.082	0.200	-5.6189	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.401	0.200	-5.1779	25.0
Dibenzo (a,h) anthracene	1.224	1.147	0.200	-6.3194	30.0
Benzo (g,h,i) perylene	1.204	1.142	0.200	-5.1467	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.330	0.040	-11.2905	20.0
1,4-Dioxane-d8	0.440	0.458	0.010	4.2325	25.0
Pyridine-d5	1.272	1.231	0.010	-3.225	40.0
Phenol-d5	1.631	1.432	0.010	-12.1713	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.880	0.050	-10.949	25.0
2-Chlorophenol-d4	1.343	1.225	0.200	-8.8094	20.0
4-Methylphenol-d8	1.354	1.138	0.010	-15.9546	20.0

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 Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 11:28
 Lab File ID: BP020955.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020686 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.142	0.050	-8.8696	20.0
2-Nitrophenol-d4	0.178	0.159	0.050	-10.7918	30.0
2,4-Dichlorophenol-d3	0.322	0.295	0.060	-8.2622	20.0
4-Chloroaniline-d4	0.426	0.371	0.010	-12.9655	40.0
Dimethylphthalate-d6	1.454	1.297	0.300	-10.8205	20.0
Acenaphthylene-d8	1.633	1.497	0.400	-8.3102	20.0
4-Nitrophenol-d4	0.207	0.170	0.010	-17.845	40.0
Fluorene-d10	1.193	1.091	0.100	-8.4945	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.101	0.010	-16.5036	40.0
Anthracene-d10	0.888	0.822	0.300	-7.4948	20.0
Pyrene-d10	1.236	0.954	0.300	-22.8844	25.0
Benzo(a)pyrene-d12	0.986	0.919	0.010	-6.829	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.: BP071524 SAS No.: BP071524 SDG No.: BP071524

Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 1:17:24

Lab File ID: BP020962.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020687 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	0.512	0.010	5.9024	40.0
Benzaldehyde	0.822	0.985	0.010	19.7729	40.0
Pyridine	1.312	1.341	0.010	2.2028	40.0
Phenol	1.650	1.618	0.080	-1.9086	20.0
Bis(2-Chloroethyl)ether	1.363	1.363	0.100	-0.0359	20.0
2-Chlorophenol	1.346	1.356	0.200	0.7382	20.0
2-Methylphenol	1.276	1.256	0.010	-1.5438	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.965	0.010	-0.221	40.0
Acetophenone	2.090	2.023	0.060	-3.2079	20.0
4-Methylphenol	1.367	1.331	0.010	-2.6594	20.0
N-Nitroso-di-n-propylamine	1.095	1.016	0.050	-7.2724	30.0
Hexachloroethane	0.605	0.605	0.100	0.0559	20.0
Nitrobenzene	0.372	0.398	0.050	7.0501	25.0
Isophorone	0.740	0.710	0.050	-4.0559	25.0
2-Nitrophenol	0.185	0.196	0.050	5.7718	25.0
2,4-Dimethylphenol	0.366	0.379	0.050	3.7373	25.0
Bis(2-Chloroethoxy)methane	0.450	0.448	0.050	-0.3671	20.0
2,4-Dichlorophenol	0.317	0.326	0.060	2.9143	20.0
Naphthalene	1.052	1.115	0.200	6.0328	20.0
4-Chloroaniline	0.407	0.415	0.010	2.1382	40.0
Hexachlorobutadiene	0.238	0.251	0.040	5.6862	30.0
Caprolactam	0.098	0.088	0.010	-10.149	40.0
4-Chloro-3-methylphenol	0.344	0.336	0.040	-2.504	25.0
1-Methylnaphthalene	0.743	0.755	0.100	1.6738	20.0
2-Methylnaphthalene	0.722	0.725	0.100	0.374	20.0
Hexachlorocyclopentadiene	0.340	0.287	0.010	-15.4583	40.0
2,4,6-Trichlorophenol	0.410	0.441	0.090	7.4193	25.0
2,4,5-Trichlorophenol	0.434	0.456	0.100	4.9767	25.0
1,1-Biphenyl	1.462	1.599	0.200	9.3924	20.0
2-Chloronaphthalene	1.167	1.279	0.300	9.6423	20.0
2-Nitroaniline	0.323	0.336	0.050	4.0895	40.0
Dimethylphthalate	1.475	1.498	0.300	1.5702	20.0
2,6-Dinitrotoluene	0.295	0.293	0.080	-0.8188	30.0
Acenaphthylene	1.848	1.980	0.400	7.1438	20.0
3-Nitroaniline	0.257	0.278	0.010	8.2363	40.0
Acenaphthene	1.227	1.321	0.200	7.6631	20.0
2,4-Dinitrophenol	0.155	0.107	0.010	-30.6547	40.0
4-Nitrophenol	0.168	0.132	0.010	-21.4853	40.0
Dibenzofuran	1.680	1.782	0.300	6.0467	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524

Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 1:17:24

Lab File ID: BP020962.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020687 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	0.413	0.070	2.0099	30.0
Diethylphthalate	1.474	1.423	0.300	-3.4502	20.0
Fluorene	1.371	1.428	0.200	4.1478	20.0
4-Chlorophenyl-phenylether	0.744	0.751	0.100	0.9494	20.0
4-Nitroaniline	0.213	0.243	0.010	14.2293	40.0
4,6-Dinitro-2-methylphenol	0.128	0.121	0.010	-5.7821	40.0
N-Nitrosodiphenylamine	0.582	0.623	0.050	6.9842	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.732	0.100	12.6739	20.0
4-Bromophenyl-phenylether	0.234	0.245	0.070	4.4583	20.0
Hexachlorobenzene	0.269	0.285	0.050	5.9807	25.0
Atrazine	0.212	0.222	0.010	4.6832	25.0
Pentachlorophenol	0.146	0.117	0.010	-19.9003	40.0
Phenanthrene	1.038	1.116	0.200	7.5733	20.0
Pentachlorobenzene	0.318	0.359	0.050	12.9248	20.0
Anthracene	1.058	1.146	0.200	8.3571	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.374	0.050	16.8186	20.0
Carbazole	0.865	0.946	0.050	9.4357	40.0
Di-n-butylphthalate	1.193	1.195	0.500	0.1572	25.0
Fluoranthene	1.493	1.328	0.400	-11.0388	25.0
Pyrene	1.520	1.387	0.400	-8.7178	25.0
Butylbenzylphthalate	0.633	0.573	0.100	-9.4619	40.0
3,3-Dichlorobenzidine	0.457	0.505	0.010	10.4546	40.0
Benzo (a) anthracene	1.401	1.461	0.300	4.2737	30.0
Chrysene	1.302	1.387	0.200	6.5309	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.831	0.200	-8.741	40.0
Di-n-octyl phthalate	1.321	1.211	0.010	-8.3611	40.0
Benzo (b) fluoranthene	1.214	1.254	0.200	3.2938	25.0
Benzo (k) fluoranthene	1.211	1.274	0.200	5.2208	25.0
Benzo (a) pyrene	1.147	1.207	0.200	5.2744	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.551	0.200	4.9261	25.0
Dibenzo (a,h) anthracene	1.224	1.290	0.200	5.3956	30.0
Benzo (g,h,i) perylene	1.204	1.250	0.200	3.8482	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.372	0.040	0.1461	20.0
1,4-Dioxane-d8	0.440	0.455	0.010	3.5236	25.0
Pyridine-d5	1.272	1.249	0.010	-1.803	40.0
Phenol-d5	1.631	1.590	0.010	-2.5011	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.991	0.050	0.2877	25.0
2-Chlorophenol-d4	1.343	1.366	0.200	1.6489	20.0
4-Methylphenol-d8	1.354	1.307	0.010	-3.4771	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524
 Instrument ID: BNA_P Calibration Date/Time: 7/15/2024 1:17:24
 Lab File ID: BP020962.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020687 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.165	0.050	6.1925	20.0
2-Nitrophenol-d4	0.178	0.190	0.050	6.9112	30.0
2,4-Dichlorophenol-d3	0.322	0.334	0.060	3.893	20.0
4-Chloroaniline-d4	0.426	0.438	0.010	2.7956	40.0
Dimethylphthalate-d6	1.454	1.483	0.300	1.9738	20.0
Acenaphthylene-d8	1.633	1.761	0.400	7.8501	20.0
4-Nitrophenol-d4	0.207	0.163	0.010	-21.1131	40.0
Fluorene-d10	1.193	1.259	0.100	5.571	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.113	0.010	-6.3628	40.0
Anthracene-d10	0.888	0.957	0.300	7.7237	20.0
Pyrene-d10	1.236	1.122	0.300	-9.2312	25.0
Benzo(a)pyrene-d12	0.986	1.063	0.010	7.7795	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.: BP071524 SAS No.: BP071524 SDG No.: BP071524
Instrument ID: BNA_P Calibration Date/Time: 7/16/2024 1:05:01
Lab File ID: BP020977.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020688 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	0.468	0.010	-3.1374	40.0
Benzaldehyde	0.822	0.984	0.010	19.6682	40.0
Pyridine	1.312	1.289	0.010	-1.7576	40.0
Phenol	1.650	1.614	0.080	-2.182	20.0
Bis(2-Chloroethyl)ether	1.363	1.344	0.100	-1.388	20.0
2-Chlorophenol	1.346	1.350	0.200	0.2331	20.0
2-Methylphenol	1.276	1.262	0.010	-1.0798	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.962	0.010	-0.3727	40.0
Acetophenone	2.090	2.085	0.060	-0.2343	20.0
4-Methylphenol	1.367	1.356	0.010	-0.8038	20.0
N-Nitroso-di-n-propylamine	1.095	1.055	0.050	-3.6315	30.0
Hexachloroethane	0.605	0.593	0.100	-1.9264	20.0
Nitrobenzene	0.372	0.396	0.050	6.5385	25.0
Isophorone	0.740	0.744	0.050	0.6085	25.0
2-Nitrophenol	0.185	0.201	0.050	8.3713	25.0
2,4-Dimethylphenol	0.366	0.386	0.050	5.6007	25.0
Bis(2-Chloroethoxy)methane	0.450	0.463	0.050	2.8762	20.0
2,4-Dichlorophenol	0.317	0.334	0.060	5.2858	20.0
Naphthalene	1.052	1.094	0.200	3.9814	20.0
4-Chloroaniline	0.407	0.434	0.010	6.807	40.0
Hexachlorobutadiene	0.238	0.250	0.040	5.1875	30.0
Caprolactam	0.098	0.108	0.010	10.2236	40.0
4-Chloro-3-methylphenol	0.344	0.366	0.040	6.1454	25.0
1-Methylnaphthalene	0.743	0.778	0.100	4.7693	20.0
2-Methylnaphthalene	0.722	0.754	0.100	4.4069	20.0
Hexachlorocyclopentadiene	0.340	0.337	0.010	-0.9292	40.0
2,4,6-Trichlorophenol	0.410	0.426	0.090	3.874	25.0
2,4,5-Trichlorophenol	0.434	0.462	0.100	6.286	25.0
1,1-Biphenyl	1.462	1.502	0.200	2.7777	20.0
2-Chloronaphthalene	1.167	1.223	0.300	4.771	20.0
2-Nitroaniline	0.323	0.353	0.050	9.2725	40.0
Dimethylphthalate	1.475	1.561	0.300	5.8059	20.0
2,6-Dinitrotoluene	0.295	0.314	0.080	6.4907	30.0
Acenaphthylene	1.848	1.959	0.400	5.9585	20.0
3-Nitroaniline	0.257	0.305	0.010	18.8579	40.0
Acenaphthene	1.227	1.311	0.200	6.8387	20.0
2,4-Dinitrophenol	0.155	0.203	0.010	31.1182	40.0
4-Nitrophenol	0.168	0.173	0.010	2.9703	40.0
Dibenzofuran	1.680	1.810	0.300	7.7424	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524
Instrument ID: BNA_P Calibration Date/Time: 7/16/2024 1:05:01
Lab File ID: BP020977.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020688 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	0.467	0.070	15.2372	30.0
Diethylphthalate	1.474	1.576	0.300	6.9021	20.0
Fluorene	1.371	1.471	0.200	7.284	20.0
4-Chlorophenyl-phenylether	0.744	0.788	0.100	5.9716	20.0
4-Nitroaniline	0.213	0.293	0.010	37.73	40.0
4,6-Dinitro-2-methylphenol	0.128	0.130	0.010	1.6609	40.0
N-Nitrosodiphenylamine	0.582	0.588	0.050	0.8994	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.685	0.100	5.3925	20.0
4-Bromophenyl-phenylether	0.234	0.236	0.070	0.8292	20.0
Hexachlorobenzene	0.269	0.273	0.050	1.6757	25.0
Atrazine	0.212	0.231	0.010	9.0453	25.0
Pentachlorophenol	0.146	0.175	0.010	20.0142	40.0
Phenanthrene	1.038	1.095	0.200	5.5447	20.0
Pentachlorobenzene	0.318	0.320	0.050	0.5854	20.0
Anthracene	1.058	1.127	0.200	6.5308	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.313	0.050	-2.2841	20.0
Carbazole	0.865	0.989	0.050	14.376	40.0
Di-n-butylphthalate	1.193	1.318	0.500	10.517	25.0
Fluoranthene	1.493	1.360	0.400	-8.93	25.0
Pyrene	1.520	1.421	0.400	-6.4872	25.0
Butylbenzylphthalate	0.633	0.622	0.100	-1.8092	40.0
3,3-Dichlorobenzidine	0.457	0.489	0.010	7.0201	40.0
Benzo (a) anthracene	1.401	1.467	0.300	4.7034	30.0
Chrysene	1.302	1.374	0.200	5.5611	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.905	0.200	-0.701	40.0
Di-n-octyl phthalate	1.321	1.331	0.010	0.711	40.0
Benzo (b) fluoranthene	1.214	1.276	0.200	5.1224	25.0
Benzo (k) fluoranthene	1.211	1.226	0.200	1.1822	25.0
Benzo (a) pyrene	1.147	1.172	0.200	2.1636	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.470	0.200	-0.5482	25.0
Dibenzo (a,h) anthracene	1.224	1.234	0.200	0.8155	30.0
Benzo (g,h,i) perylene	1.204	1.187	0.200	-1.3413	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.405	0.040	8.8182	20.0
1,4-Dioxane-d8	0.440	0.431	0.010	-1.9154	25.0
Pyridine-d5	1.272	1.216	0.010	-4.4269	40.0
Phenol-d5	1.631	1.584	0.010	-2.8574	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.987	0.050	-0.0993	25.0
2-Chlorophenol-d4	1.343	1.362	0.200	1.3805	20.0
4-Methylphenol-d8	1.354	1.343	0.010	-0.8351	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG No.: BP071524
 Instrument ID: BNA_P Calibration Date/Time: 7/16/2024 1:05:01
 Lab File ID: BP020977.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020688 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.166	0.050	6.6241	20.0
2-Nitrophenol-d4	0.178	0.192	0.050	7.9037	30.0
2,4-Dichlorophenol-d3	0.322	0.342	0.060	6.4741	20.0
4-Chloroaniline-d4	0.426	0.455	0.010	6.7124	40.0
Dimethylphthalate-d6	1.454	1.581	0.300	8.7132	20.0
Acenaphthylene-d8	1.633	1.759	0.400	7.7749	20.0
4-Nitrophenol-d4	0.207	0.221	0.010	6.9931	40.0
Fluorene-d10	1.193	1.299	0.100	8.937	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.122	0.010	0.8624	40.0
Anthracene-d10	0.888	0.963	0.300	8.4165	20.0
Pyrene-d10	1.236	1.163	0.300	-5.9703	25.0
Benzo(a)pyrene-d12	0.986	1.028	0.010	4.1791	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020956.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020956.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020956.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.883		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	26.901		20-120		67	SPK: -40
4165-62-2	Phenol-d5	25.248		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.866		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.291		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.773		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.526		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.185		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.489		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.697		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.052		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.878		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.948		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	30.188		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020956.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.705		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	30.304		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	26.002		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.094		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157163	7.699				
1146-65-2	Naphthalene-d8	598878	10.451				
15067-26-2	Acenaphthene-d10	389841	14.322				
1517-22-2	Phenanthrene-d10	857078	17.116				
1719-03-5	Chrysene-d12	923136	21.557				
1520-96-3	Perylene-d12	1102068	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1	SDG No.:	BP071524
Lab Sample ID:	P3087-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020957.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	2900		43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5500	E	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	1100		23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2900	E	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1300		31	42.4	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	3400	E	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4900	E	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	E	16	42.4	170	ug/Kg
91-20-3	Naphthalene	5800	E	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5400	E	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4600	E	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4800	E	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1	SDG No.:	BP071524
Lab Sample ID:	P3087-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020957.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	4700	E	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	5200	E	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	4100	E	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	7300	E	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	3300	E	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	5500	E	30	42.4	170	ug/Kg
86-73-7	Fluorene	3000	E	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5600	E	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	6000	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	5300	E	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	2600		61	42.4	170	ug/Kg
206-44-0	Fluoranthene	3900	E	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1	SDG No.:	BP071524
Lab Sample ID:	P3087-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020957.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4700	E	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	5700	E	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	3200	E	27	42.4	170	ug/Kg
218-01-9	Chrysene	6200	E	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4900	E	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000	E	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	E	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4800	E	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.591		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	28.807		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.719		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.692		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	25.415		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.627		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.692		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.723		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.281		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.766		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.906		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.467		10-150		99	SPK: -40
81103-79-9	Fluorene-d10	37.14		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1	SDG No.:	BP071524
Lab Sample ID:	P3087-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020957.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.587		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	36.105		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	33.792		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.018		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158492	7.698				
1146-65-2	Naphthalene-d8	648261	10.451				
15067-26-2	Acenaphthene-d10	436460	14.316				
1517-22-2	Phenanthrene-d10	968901	17.116				
1719-03-5	Chrysene-d12	968218	21.574				
1520-96-3	Perylene-d12	1195669	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	5600	J			7.593	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.204	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	92	J			17.816	
000057-10-3	n-Hexadecanoic acid	440	J			18.057	
000084-65-1	9,10-Anthracenedione	510	J			18.598	
E966796	Total Alkanes	24	U			99	ug/Kg



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	A4DN1DL			SDG No.:	BP071524	
Lab Sample ID:	P3087-26DL			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	0	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020958.D	5	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	2900	D	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6000	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	1100	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3100	D	250	210	850	ug/Kg
67-72-1	Hexachloroethane	90	U	90	210	850	ug/Kg
98-95-3	Nitrobenzene	1200	D	150	210	850	ug/Kg
78-59-1	Isophorone	240	U	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	3400	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5400	D	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	4800	D	80	210	850	ug/Kg
91-20-3	Naphthalene	6500	D	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5700	D	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4800	D	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5000	D	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1DL	SDG No.:	BP071524
Lab Sample ID:	P3087-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020958.D	5	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	4600	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	6000	D	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	4500	D	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	6300	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	3800	D	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	210	U	210	210	850	ug/Kg
84-66-2	Diethylphthalate	6500	D	150	210	850	ug/Kg
86-73-7	Fluorene	3400	D	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6500	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5800	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	140	U	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	6200	D	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	2900	D	300	210	850	ug/Kg
206-44-0	Fluoranthene	4700	D	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1DL	SDG No.:	BP071524
Lab Sample ID:	P3087-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020958.D	5	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5800	D	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	7000	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3500	D	130	210	850	ug/Kg
218-01-9	Chrysene	7200	D	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6000	D	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	3200	D	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1600	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	D	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200	D	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4900	D	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.155		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.835		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.365		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.605		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	24.165		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.81		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.935		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.12		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.985		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.07		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	34.97		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.7		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	39.645		20-140		99	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4DN1DL	SDG No.:	BP071524
Lab Sample ID:	P3087-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020958.D	5	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.21		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	38.215		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	36.42		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.28		10-140		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169368	7.651				
1146-65-2	Naphthalene-d8	699472	10.41				
15067-26-2	Acenaphthene-d10	472670	14.286				
1517-22-2	Phenanthrene-d10	1029390	17.104				
1719-03-5	Chrysene-d12	991699	21.557				
1520-96-3	Perylene-d12	1156056	24.85				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5000	JD			7.54	
000057-10-3	n-Hexadecanoic acid	750	JD			18.045	
000084-65-1	9,10-Anthracenedione	430	JD			18.598	
E966796	Total Alkanes	120	U			99	ug/Kg



Client:				Date Collected:	7/1/2024 12:00:00 AM	
Project:				Date Received:	7/1/2024 12:00:00 AM	
Client Sample ID:	A4DN2			SDG No.:	BP071524	
Lab Sample ID:	P3177-21			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	0	
Sample Wt/Vol:	30.2	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
BP020959.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	620		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3300		40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2600		23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3400	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.2	170	ug/Kg
78-59-1	Isophorone	3600	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1900		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4700	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	3500	E	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	720		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	3800	E	23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	850		49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2	SDG No.:	BP071524
Lab Sample ID:	P3177-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020959.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7100	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	2500		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	3600	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82	330	ug/Kg
132-64-9	Dibenzofuran	2000		32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	4200	E	30	42.2	170	ug/Kg
86-73-7	Fluorene	2600		25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2500		20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	3400		74	82	330	ug/Kg
85-01-8	Phenanthrene	1300		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	3000	E	25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	3100	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	2000		54	82	170	ug/Kg



Client:			Date Collected:	7/1/2024 12:00:00 AM	
Project:			Date Received:	7/1/2024 12:00:00 AM	
Client Sample ID:	A4DN2		SDG No.:	BP071524	
Lab Sample ID:	P3177-21		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	0	
Sample Wt/Vol:	30.2	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
BP020959.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	510		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		27	42.2	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5800	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	3400		75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	930		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	710		28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.207		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.41		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.877		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.411		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.885		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.51		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.844		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.25		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.611		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.114		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.986		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.116		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	26.608		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2	SDG No.:	BP071524
Lab Sample ID:	P3177-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020959.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.727		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.524		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	23.24		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.894		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164383	7.669				
1146-65-2	Naphthalene-d8	669489	10.428				
15067-26-2	Acenaphthene-d10	439923	14.304				
1517-22-2	Phenanthrene-d10	935169	17.11				
1719-03-5	Chrysene-d12	897872	21.569				
1520-96-3	Perylene-d12	1072837	24.869				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	3800	J			8.011	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	110	J			9.675	
000770-35-4	1-Phenoxypropan-2-ol	67	J			11.175	
000112-39-0	Hexadecanoic acid, methyl ester	97	J			17.81	
000057-10-3	n-Hexadecanoic acid	240	J			18.051	
001731-88-0	Tridecanoic acid, methyl ester	68	J			18.434	
000084-65-1	9,10-Anthracenedione	270	J			18.598	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	71	J			19.028	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2DL	SDG No.:	BP071524
Lab Sample ID:	P3177-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020960.D	5	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	530	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3200	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3100	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	89	U	89	210	840	ug/Kg
98-95-3	Nitrobenzene	150	U	150	210	840	ug/Kg
78-59-1	Isophorone	3400	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1600	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	210	U	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	4300	D	79	210	840	ug/Kg
91-20-3	Naphthalene	3600	D	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	550	JD	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	3700	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	750	JD	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2DL	SDG No.:	BP071524
Lab Sample ID:	P3177-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020960.D	5	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	6200	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	2500	D	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3800	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	700	JD	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	2000	D	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	4100	D	150	210	840	ug/Kg
86-73-7	Fluorene	2600	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2500	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	2800	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1300	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	3100	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	3000	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	1900	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2DL	SDG No.:	BP071524
Lab Sample ID:	P3177-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020960.D	5	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	U	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	440	JD	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	1600	D	130	210	840	ug/Kg
218-01-9	Chrysene	150	U	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6200	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	3200	D	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	910	D	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	880	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	690	JD	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800	D	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.485		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.885		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.375		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.375		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.235		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.535		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.905		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.195		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.555		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.735		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.025		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.625		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	24.225		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4DN2DL	SDG No.:	BP071524
Lab Sample ID:	P3177-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP020960.D	5	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.2		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	25.295		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	21.055		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.35		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162258	7.681				
1146-65-2	Naphthalene-d8	630913	10.44				
15067-26-2	Acenaphthene-d10	381757	14.31				
1517-22-2	Phenanthrene-d10	739399	17.116				
1719-03-5	Chrysene-d12	737425	21.563				
1520-96-3	Perylene-d12	918948	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	3300	JD			8.022	
	unknown-01	1700	JD			14.528	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC5	SDG No.:	BP071524
Lab Sample ID:	P3217-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020961.D	1	7/12/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	21		1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	57		1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	40		0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	21		0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44		1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	42		0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	64		1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC5	SDG No.:	BP071524
Lab Sample ID:	P3217-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020961.D	1	7/12/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162041

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

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC5	SDG No.:	BP071524
Lab Sample ID:	P3217-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020961.D	1	7/12/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.215		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	8.051		20-120		20	SPK: -40
4165-62-2	Phenol-d5	10.725		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.979		25-120		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.935		20-130		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.712		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	13.64		20-125		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.007		20-130		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.281		20-120		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.804		1-146		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.728		25-130		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.227		10-130		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.244		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	13.171		25-125		33	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC5	SDG No.:	BP071524
Lab Sample ID:	P3217-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020961.D	1	7/12/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.358		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	14.735		25-130		37	SPK: -40
1718-52-1	Pyrene-d10	12.219		15-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.695		20-130		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161301	7.681				
1146-65-2	Naphthalene-d8	609325	10.446				
15067-26-2	Acenaphthene-d10	439652	14.322				
1517-22-2	Phenanthrene-d10	808951	17.122				
1719-03-5	Chrysene-d12	872780	21.569				
1520-96-3	Perylene-d12	1100039	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
006672-30-6	(R)-(+)-3-Methylcyclopentanone	11	J			5.058	
000620-14-4	Benzene, 1-ethyl-3-methyl-	12	J			6.787	
000526-73-8	Benzene, 1,2,3-trimethyl-	25	J			7.334	
001074-43-7	Benzene, 1-methyl-3-propyl-	15	J			8.21	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	25	J			8.305	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	24	J			8.758	
007787-20-4	L-Fenchone	13	J			8.905	
000149-57-5	Hexanoic acid, 2-ethyl-	13	J			8.993	
007322-63-6	Cyclohexanemethanol, .alpha.,.alph	49	J			9.828	
000108-68-9	Phenol, 3,5-dimethyl-	14	J			9.952	
	(DEL) Alkane: Straight-Chain10.393	4.5	J			10.393	
000103-82-2	Benzeneacetic acid	15	J			11.057	
006180-61-6	1-Propanol, 3-phenoxy-	12	J			11.199	
000099-04-7	Benzoic acid, 3-methyl-	13	J			11.299	
000099-94-5	Benzoic acid, 4-methyl-	19	J			11.334	
000499-06-9	Benzoic acid, 3,5-dimethyl-	11	J			13.116	
000581-40-8	Naphthalene, 2,3-dimethyl-	11	J			13.628	

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	YDZC5	SDG No.:	BP071524
Lab Sample ID:	P3217-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020961.D	1	7/12/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	22	J			14.54	
000134-62-3	Diethyltoluamide	37	J			15.081	
	unknown-02	11	J			16.098	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	20	J			16.186	
000120-66-1	Acetamide, N-(2-methylphenyl)-	33	J			16.24	
024518-48-7	4-(7-Methyloctyl)phenol	19	J			16.298	
000088-60-8	Phenol, 2-(1,1-dimethylethyl)-5-me	9.2	J			16.345	
065702-08-1	1-(6-Methyl-2-pyridyl)propan-2-one	17	J			16.516	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	17	J			16.581	
1000357-08-5	Phthalic acid, 2,3-dimethylphenyl	8.1	J			16.616	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	11	J			16.651	
1000487-37-9	2-tert-Butylphenol, O-(n-propyloxycarbonyl)-27		J			18.01	
000057-10-3	n-Hexadecanoic acid	24	J			18.069	
1010348-57-1	Fumaric acid, 2-chloropropyl tride	10	J			21.227	
E966796	Total Alkanes	4.5				99	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BP071524
Lab Sample ID:	PB162022BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020963.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

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

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BP071524
Lab Sample ID:	PB162022BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020963.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

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

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BP071524
Lab Sample ID:	PB162022BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020963.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.187		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.365		20-120		71	SPK: -40
4165-62-2	Phenol-d5	27.877		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.313		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.832		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.479		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.737		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.875		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.953		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.38		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.099		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.332		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.715		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	31.838		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BP071524
Lab Sample ID:	PB162022BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020963.D	1	7/11/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.196		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	32.394		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	29.064		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.217		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174829	7.699				
1146-65-2	Naphthalene-d8	696654	10.452				
15067-26-2	Acenaphthene-d10	430960	14.322				
1517-22-2	Phenanthrene-d10	874909	17.116				
1719-03-5	Chrysene-d12	815379	21.563				
1520-96-3	Perylene-d12	1020385	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BP071524
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020964.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.6	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.6	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.6	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.6	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.6	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.6	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BP071524
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020964.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.6	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	420	ug/Kg
83-32-9	Acenaphthene	68	J	37	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.6	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.6	220	ug/Kg
86-73-7	Fluorene	71	J	32	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.6	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	930		37	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.6	220	ug/Kg
120-12-7	Anthracene	170	J	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.6	220	ug/Kg
86-74-8	Carbazole	98	J	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.6	220	ug/Kg
206-44-0	Fluoranthene	1300		69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BP071524
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020964.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		63	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	580		35	54.6	220	ug/Kg
218-01-9	Chrysene	680		40	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		120	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		42	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	290		41	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		40	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	36	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.483		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	1.17	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	26.097		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.679		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.17		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	22.72		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	28.436		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.672		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.479		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.34		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.313		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.411		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.057		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	33.162		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BP071524
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020964.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.71		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	31.147		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	25.491		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.135		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183812	7.693				
1146-65-2	Naphthalene-d8	736421	10.457				
15067-26-2	Acenaphthene-d10	485864	14.31				
1517-22-2	Phenanthrene-d10	1033740	17.122				
1719-03-5	Chrysene-d12	947658	21.557				
1520-96-3	Perylene-d12	1137301	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.075	150	J			3.075	
002531-84-2	Phenanthrene, 2-methyl-	92	J			18.022	
000057-10-3	n-Hexadecanoic acid	140	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.222	
000084-65-1	9,10-Anthracenedione	100	J			18.598	
000243-17-4	11H-Benzo[b]fluorene	100	J			20.145	
	unknown-01	170	J			21.215	
	(DEL) Alkane: Straight-Chain23.945	210	J			23.945	
E966796	Total Alkanes	360				99	ug/Kg



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	A4CB7MS			SDG No.:	BP071524	
Lab Sample ID:	P3087-02MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	22.4	
Sample Wt/Vol:	30.03	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
BP020965.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	660		58	110	420	ug/Kg
110-86-1	Pyridine	350	J	42	210	420	ug/Kg
108-95-2	Phenol	1100		55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	980		51	110	420	ug/Kg
95-57-8	2-Chlorophenol	1100		30	54.7	220	ug/Kg
95-48-7	2-Methylphenol	980		50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		77	110	420	ug/Kg
98-86-2	Acetophenone	1100		51	110	420	ug/Kg
106-44-5	4-Methylphenol	1000		48	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		66	54.7	220	ug/Kg
67-72-1	Hexachloroethane	780		23	54.7	220	ug/Kg
98-95-3	Nitrobenzene	1100		40	54.7	220	ug/Kg
78-59-1	Isophorone	1000		62	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	1100		40	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	480		32	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		55	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21	54.7	220	ug/Kg
91-20-3	Naphthalene	1100		32	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	660		31	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57	54.7	220	ug/Kg
105-60-2	Caprolactam	1000		93	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		63	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	1100		42	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	1100		30	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	420		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		63	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MS	SDG No.:	BP071524
Lab Sample ID:	P3087-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.03 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
BP020965.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		31	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	1200		53	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	1100		37	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		57	54.7	220	ug/Kg
208-96-8	Acenaphthylene	1100		41	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	1200		57	110	420	ug/Kg
83-32-9	Acenaphthene	1200		37	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		62	110	420	ug/Kg
100-02-7	4-Nitrophenol	1300		57	110	420	ug/Kg
132-64-9	Dibenzofuran	1200		41	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		55	54.7	220	ug/Kg
84-66-2	Diethylphthalate	1200		39	54.7	220	ug/Kg
86-73-7	Fluorene	1200		32	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		26	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	1500		40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		31	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		37	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	930		41	54.7	220	ug/Kg
1912-24-9	Atrazine	820		91	110	420	ug/Kg
87-86-5	Pentachlorophenol	910		95	110	420	ug/Kg
85-01-8	Phenanthrene	1800		37	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	950		67	54.7	220	ug/Kg
120-12-7	Anthracene	1200		32	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		64	54.7	220	ug/Kg
86-74-8	Carbazole	1300		36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1200		79	54.7	220	ug/Kg
206-44-0	Fluoranthene	2000		70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MS	SDG No.:	BP071524
Lab Sample ID:	P3087-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.03 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
BP020965.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		63	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	1100		110	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	710		62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1600		35	54.7	220	ug/Kg
218-01-9	Chrysene	1700		40	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		120	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		42	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		49	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	810		41	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		40	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		36	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	33	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		42	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.327		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	5.785	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	20.551		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.128		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.779		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	17.843		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	22.422		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.4		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.638		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.024		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.266		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.61		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.855		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	25.334		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MS	SDG No.:	BP071524
Lab Sample ID:	P3087-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.03 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
BP020965.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.645		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	24.201		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	20.077		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.445		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204020	7.699				
1146-65-2	Naphthalene-d8	832574	10.457				
15067-26-2	Acenaphthene-d10	549086	14.31				
1517-22-2	Phenanthrene-d10	1165498	17.128				
1719-03-5	Chrysene-d12	1097098	21.557				
1520-96-3	Perylene-d12	1320265	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BP071524
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.05 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
BP020966.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	660		58	110	420	ug/Kg
110-86-1	Pyridine	340	J	42	210	420	ug/Kg
108-95-2	Phenol	1000		55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		51	110	420	ug/Kg
95-57-8	2-Chlorophenol	1000		30	54.7	220	ug/Kg
95-48-7	2-Methylphenol	930		50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		77	110	420	ug/Kg
98-86-2	Acetophenone	1000		51	110	420	ug/Kg
106-44-5	4-Methylphenol	970		48	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	950		66	54.7	220	ug/Kg
67-72-1	Hexachloroethane	800		23	54.7	220	ug/Kg
98-95-3	Nitrobenzene	1100		40	54.7	220	ug/Kg
78-59-1	Isophorone	1000		62	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	1200		40	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	490		32	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		55	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		21	54.7	220	ug/Kg
91-20-3	Naphthalene	1100		32	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	610		31	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57	54.7	220	ug/Kg
105-60-2	Caprolactam	860		93	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		63	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	1100		42	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	1100		30	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		63	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BP071524
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.05 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
BP020966.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		31	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	1200		33	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	1200		53	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	1200		37	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57	54.7	220	ug/Kg
208-96-8	Acenaphthylene	1100		41	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	1100		57	110	420	ug/Kg
83-32-9	Acenaphthene	1200		37	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	880		62	110	420	ug/Kg
100-02-7	4-Nitrophenol	1000		57	110	420	ug/Kg
132-64-9	Dibenzofuran	1200		41	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55	54.7	220	ug/Kg
84-66-2	Diethylphthalate	1100		39	54.7	220	ug/Kg
86-73-7	Fluorene	1200		32	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		26	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	1300		40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		42	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		31	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		37	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	940		41	54.7	220	ug/Kg
1912-24-9	Atrazine	790		91	110	420	ug/Kg
87-86-5	Pentachlorophenol	920		95	110	420	ug/Kg
85-01-8	Phenanthrene	1900		37	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	1000		67	54.7	220	ug/Kg
120-12-7	Anthracene	1300		32	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		64	54.7	220	ug/Kg
86-74-8	Carbazole	1300		36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1200		78	54.7	220	ug/Kg
206-44-0	Fluoranthene	1900		69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BP071524
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.05 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
BP020966.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		63	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	1100		110	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	700		62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1700		35	54.7	220	ug/Kg
218-01-9	Chrysene	1700		40	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		120	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		42	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		49	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	810		41	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		40	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		36	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	33	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		42	54.7	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.623	*	20-120		14	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.374		15-120		42	SPK: -8
4165-62-2	Phenol-d5	19.626		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.775		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.627		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	16.611		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	23.227		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.002		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.829		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.363		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.012		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.199		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.201		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.099		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BP071524
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.05 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
BP020966.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.872		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	24.236		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	19.672		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.735		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	205271	7.693				
1146-65-2	Naphthalene-d8	771219	10.457				
15067-26-2	Acenaphthene-d10	438621	14.316				
1517-22-2	Phenanthrene-d10	852799	17.122				
1719-03-5	Chrysene-d12	873109	21.557				
1520-96-3	Perylene-d12	1077657	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW7	SDG No.:	BP071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020967.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW7	SDG No.:	BP071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020967.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	38	U	38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	72	U	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW7	SDG No.:	BP071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020967.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	56.3	230	ug/Kg
218-01-9	Chrysene	41	U	41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.493		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.634		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.597		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.757		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.227		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.357		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.753		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.175		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.505		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.523		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.389		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.759		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.165		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.643		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW7	SDG No.:	BP071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020967.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.55		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	24.448		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	21.675		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.571		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187160	7.699				
1146-65-2	Naphthalene-d8	737658	10.463				
15067-26-2	Acenaphthene-d10	491971	14.316				
1517-22-2	Phenanthrene-d10	1131873	17.128				
1719-03-5	Chrysene-d12	1200814	21.563				
1520-96-3	Perylene-d12	1466717	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.21	
000057-10-3	n-Hexadecanoic acid	140	J			18.051	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	120	J			21.216	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BY0	SDG No.:	BP071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020968.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.5	150	ug/Kg
100-52-7	Benzaldehyde	99	U	99	180	720	ug/Kg
110-86-1	Pyridine	72	U	72	360	720	ug/Kg
108-95-2	Phenol	94	U	94	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	88	U	88	180	720	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	93.2	370	ug/Kg
95-48-7	2-Methylphenol	86	U	86	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	720	ug/Kg
98-86-2	Acetophenone	88	U	88	180	720	ug/Kg
106-44-5	4-Methylphenol	81	U	81	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	93.2	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	93.2	370	ug/Kg
98-95-3	Nitrobenzene	68	U	68	93.2	370	ug/Kg
78-59-1	Isophorone	110	U	110	93.2	370	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	93.2	370	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	55	93.2	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	93.2	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	93.2	370	ug/Kg
91-20-3	Naphthalene	55	U	55	93.2	370	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	93.2	720	ug/Kg
87-68-3	Hexachlorobutadiene	96	U	96	93.2	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	93.2	370	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	93.2	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	93.2	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	93.2	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86	U	86	93.2	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BY0	SDG No.:	BP071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020968.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	93.2	370	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	93.2	370	ug/Kg
88-74-4	2-Nitroaniline	90	U	90	93.2	370	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	93.2	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	93.2	370	ug/Kg
208-96-8	Acenaphthylene	70	U	70	93.2	370	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	180	720	ug/Kg
83-32-9	Acenaphthene	64	U	64	93.2	370	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	180	720	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	180	720	ug/Kg
132-64-9	Dibenzofuran	70	U	70	93.2	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	94	U	94	93.2	370	ug/Kg
84-66-2	Diethylphthalate	66	U	66	93.2	370	ug/Kg
86-73-7	Fluorene	55	U	55	93.2	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	93.2	370	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	93.2	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	93.2	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64	U	64	93.2	370	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	93.2	370	ug/Kg
1912-24-9	Atrazine	160	U	160	180	720	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	720	ug/Kg
85-01-8	Phenanthrene	64	U	64	93.2	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	93.2	370	ug/Kg
120-12-7	Anthracene	55	U	55	93.2	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	93.2	370	ug/Kg
86-74-8	Carbazole	61	U	61	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	93.2	370	ug/Kg
206-44-0	Fluoranthene	120	U	120	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BY0	SDG No.:	BP071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020968.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	93.2	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	93.2	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	59	93.2	370	ug/Kg
218-01-9	Chrysene	78	J	68	93.2	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	93.2	370	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	J	72	93.2	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	83	93.2	370	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	93.2	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68	U	68	93.2	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	93.2	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	93.2	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	93.2	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.23		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.948	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	24.166		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.076		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.079		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.282		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.685		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.17		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.82		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.472		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.003		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.615		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.195		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	30.321		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BY0	SDG No.:	BP071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020968.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.587		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	30.325		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	23.269		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.336		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170366	7.699				
1146-65-2	Naphthalene-d8	661870	10.457				
15067-26-2	Acenaphthene-d10	440366	14.304				
1517-22-2	Phenanthrene-d10	956190	17.122				
1719-03-5	Chrysene-d12	963827	21.563				
1520-96-3	Perylene-d12	1170594	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.204	
000057-10-3	n-Hexadecanoic acid	270	J			18.057	
000057-11-4	Octadecanoic acid	170	J			19.38	
1000406-04-8	Pentadecafluorooctanoic acid, octa	370	J			21.221	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D04	SDG No.:	BP071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020969.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	16.9	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	850	ug/Kg
110-86-1	Pyridine	85	U	85	420	850	ug/Kg
108-95-2	Phenol	110	U	110	210	850	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	850	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	110	440	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	850	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	850	ug/Kg
98-86-2	Acetophenone	100	U	100	210	850	ug/Kg
106-44-5	4-Methylphenol	95	U	95	210	850	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	440	ug/Kg
67-72-1	Hexachloroethane	46	U	46	110	440	ug/Kg
98-95-3	Nitrobenzene	79	U	79	110	440	ug/Kg
78-59-1	Isophorone	120	U	120	110	440	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	110	440	ug/Kg
91-20-3	Naphthalene	64	U	64	110	440	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	110	850	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	440	ug/Kg
105-60-2	Caprolactam	180	U	180	210	850	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	85	U	85	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	850	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	440	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D04	SDG No.:	BP071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020969.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	110	440	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	440	ug/Kg
131-11-3	Dimethylphthalate	74	U	74	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	440	ug/Kg
208-96-8	Acenaphthylene	82	U	82	110	440	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	850	ug/Kg
83-32-9	Acenaphthene	74	U	74	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	850	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	850	ug/Kg
132-64-9	Dibenzofuran	82	U	82	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	440	ug/Kg
84-66-2	Diethylphthalate	77	U	77	110	440	ug/Kg
86-73-7	Fluorene	64	U	64	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	440	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	210	850	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	850	ug/Kg
86-30-6	N-Nitrosodiphenylamine	85	U	85	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	110	440	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	110	440	ug/Kg
1912-24-9	Atrazine	180	U	180	210	850	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	850	ug/Kg
85-01-8	Phenanthrene	99	J	74	110	440	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	440	ug/Kg
120-12-7	Anthracene	64	U	64	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	440	ug/Kg
86-74-8	Carbazole	72	U	72	210	850	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	440	ug/Kg
206-44-0	Fluoranthene	170	J	140	210	440	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D04	SDG No.:	BP071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020969.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	850	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	110	440	ug/Kg
218-01-9	Chrysene	94	J	79	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	850	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	85	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	U	97	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	82	U	82	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	U	79	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	U	72	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	110	440	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.556		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.912	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	28.937		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.004		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.946		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.381		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.464		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.806		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.48		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.377		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.4		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.468		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.328		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	32.621		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D04	SDG No.:	BP071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020969.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.218		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	31.485		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	24.845		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.828		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224817	7.699				
1146-65-2	Naphthalene-d8	917803	10.451				
15067-26-2	Acenaphthene-d10	605290	14.316				
1517-22-2	Phenanthrene-d10	1297964	17.116				
1719-03-5	Chrysene-d12	1214340	21.568				
1520-96-3	Perylene-d12	1429700	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	250	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	370	J			11.198	
000057-10-3	n-Hexadecanoic acid	730	J			18.069	
000057-11-4	Octadecanoic acid	250	J			19.386	
	(DEL) Alkane: Straight-Chain	21.227	J			21.227	
	(DEL) Alkane: Straight-Chain	23.951	J			23.951	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D07	SDG No.:	BP071524
Lab Sample ID:	P3100-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020970.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	90.1	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.1	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.4	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.4	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.4	190	ug/Kg
78-59-1	Isophorone	52	U	52	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.4	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D07	SDG No.:	BP071524
Lab Sample ID:	P3100-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020970.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.4	190	ug/Kg
208-96-8	Acenaphthylene	36	J	35	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.1	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.4	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.4	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.4	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.1	360	ug/Kg
85-01-8	Phenanthrene	220		32	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.4	190	ug/Kg
120-12-7	Anthracene	43	J	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.4	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.4	190	ug/Kg
206-44-0	Fluoranthene	310		59	90.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D07	SDG No.:	BP071524
Lab Sample ID:	P3100-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020970.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220		53	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	29	46.4	190	ug/Kg
218-01-9	Chrysene	230		34	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		36	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	41	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	94	J	35	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	J	34	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	J	31	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.383		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.101	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.066		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.081		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.846		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.866		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.823		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.235		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.952		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.447		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.983		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.06		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.375		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	24.347		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D07	SDG No.:	BP071524
Lab Sample ID:	P3100-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020970.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.084		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.539		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	17.673		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.814		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221406	7.693				
1146-65-2	Naphthalene-d8	830459	10.457				
15067-26-2	Acenaphthene-d10	459959	14.304				
1517-22-2	Phenanthrene-d10	931547	17.128				
1719-03-5	Chrysene-d12	987845	21.557				
1520-96-3	Perylene-d12	1188115	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain16.063	91	J			16.063	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	84	J			17.739	
000057-10-3	n-Hexadecanoic acid	450	J			18.045	
000610-48-0	Anthracene, 1-methyl-	120	J			18.222	
	(DEL) Alkane: Straight-Chain18.351	96	J			18.351	
	(DEL) Alkane: Straight-Chain19.016	100	J			19.016	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	100	J			19.122	
000057-11-4	Octadecanoic acid	140	J			19.392	
1000406-04-8	Pentadecafluorooctanoic acid, octa	410	J			21.216	
	(DEL) Alkane: Straight-Chain22.398	170	J			22.398	
000661-19-8	Behenic alcohol	490	J			22.433	
067860-04-2	Oxirane, heptadecyl-	220	J			23.486	
	(DEL) Alkane: Straight-Chain23.957	1300	J			23.957	
002004-39-9	1-Heptacosanol	440	J			24.027	
000638-66-4	Octadecanal	450	J			25.468	
	(DEL) Alkane: Straight-Chain26.092	2100	J			26.092	
026627-85-0	Hexacosanal	510	J			28.292	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D07	SDG No.:	BP071524
Lab Sample ID:	P3100-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020970.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	3900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW8	SDG No.:	BP071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020971.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	73	U	73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.5	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	68	U	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.5	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.5	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.5	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.5	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	72.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	72.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.5	290	ug/Kg
91-20-3	Naphthalene	43	U	43	72.5	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.5	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	72.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	72.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	72.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW8	SDG No.:	BP071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020971.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.5	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.5	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	72.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.5	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	72.5	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	72.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	55	U	55	72.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	72.5	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.5	290	ug/Kg
86-73-7	Fluorene	43	U	43	72.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.5	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	72.5	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	72.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	240	J	49	72.5	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	72.5	290	ug/Kg
120-12-7	Anthracene	43	U	43	72.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.5	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.5	290	ug/Kg
206-44-0	Fluoranthene	380		92	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW8	SDG No.:	BP071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020971.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	J	84	72.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	46	72.5	290	ug/Kg
218-01-9	Chrysene	260	J	53	72.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		56	72.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	J	65	72.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	55	72.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	J	53	72.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	72.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.589		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	1.348	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	25.14		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.398		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.045		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.447		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.803		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.899		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.063		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.88		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.784		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.057		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.351		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	27.091		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW8	SDG No.:	BP071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020971.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.668		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.155		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	20.235		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.146		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222609	7.693				
1146-65-2	Naphthalene-d8	918831	10.457				
15067-26-2	Acenaphthene-d10	549490	14.31				
1517-22-2	Phenanthrene-d10	949958	17.133				
1719-03-5	Chrysene-d12	909307	21.557				
1520-96-3	Perylene-d12	1150126	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.198	
000501-94-0	Benzeneethanol, 4-hydroxy-	230	J			13.487	
032811-40-8	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-	350	J			16.516	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	500	J			17.739	
006929-04-0	Hexadecanoic acid, 15-methyl-, met	120	J			17.81	
000057-10-3	n-Hexadecanoic acid	490	J			18.045	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	280	J			18.222	
052663-59-9	1,1-Biphenyl, 2,2,3,4-tetrachlor	230	J			18.286	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	170	J			18.333	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	160	J			18.516	
074472-34-7	2,3,4,5-Tetrachloro-1,1-biphenyl	200	J			19.028	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	210	J			19.086	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	230	J			19.122	
000057-11-4	Octadecanoic acid	180	J			19.392	
1000406-04-8	Pentadecafluorooctanoic acid, octa	460	J			21.21	
	(DEL) Alkane: Straight-Chain22.433	170	J			22.433	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW8	SDG No.:	BP071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020971.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D38	SDG No.:	BP071524
Lab Sample ID:	P3100-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020972.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.9	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.6	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.6	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.6	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.6	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.6	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.6	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.6	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.6	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.6	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.6	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.6	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.6	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D38	SDG No.:	BP071524
Lab Sample ID:	P3100-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020972.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.6	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.6	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.6	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.6	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.6	350	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	86.6	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.6	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.6	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.6	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.6	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.6	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.6	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.6	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.6	350	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.6	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.6	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.6	180	ug/Kg
86-74-8	Carbazole	29	U	29	86.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.6	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D38	SDG No.:	BP071524
Lab Sample ID:	P3100-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020972.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	86.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.6	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.722		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	16.193		20-120		40	SPK: -40
4165-62-2	Phenol-d5	22.539		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.132		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.445		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.382		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.438		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.151		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.804		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.807		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.88		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.758		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.317		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	25.024		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D38	SDG No.:	BP071524
Lab Sample ID:	P3100-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020972.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.433		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.031		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.652		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.602		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204252	7.693				
1146-65-2	Naphthalene-d8	827615	10.463				
15067-26-2	Acenaphthene-d10	554378	14.316				
1517-22-2	Phenanthrene-d10	1217780	17.128				
1719-03-5	Chrysene-d12	1183431	21.551				
1520-96-3	Perylene-d12	1400284	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	75	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	74	J			11.21	
000501-94-0	Benzeneethanol, 4-hydroxy-	170	J			13.487	
000057-10-3	n-Hexadecanoic acid	320	J			18.045	
000057-11-4	Octadecanoic acid	81	J			19.386	
	(DEL) Alkane: Cyclic	21.210	J			21.21	
002004-39-9	1-Heptacosanol	180	J			22.433	
	(DEL) Alkane: Straight-Chain	23.939	J			23.939	
	unknown-01	500	J			28.921	
E966796	Total Alkanes	420				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BP071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020973.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.3	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	91.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.3	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91.3	370	ug/Kg
98-86-2	Acetophenone	44	U	44	91.3	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	47	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	47	190	ug/Kg
78-59-1	Isophorone	53	U	53	47	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47	190	ug/Kg
105-60-2	Caprolactam	80	U	80	91.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BP071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020973.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	47	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	47	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.3	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.3	370	ug/Kg
132-64-9	Dibenzofuran	35	U	35	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	47	190	ug/Kg
86-73-7	Fluorene	28	U	28	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	47	190	ug/Kg
1912-24-9	Atrazine	79	U	79	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.3	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47	190	ug/Kg
120-12-7	Anthracene	28	U	28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	47	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	47	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BP071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020973.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47	190	ug/Kg
218-01-9	Chrysene	34	U	34	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.162		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	19.035		20-120		48	SPK: -40
4165-62-2	Phenol-d5	22.876		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.205		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.779		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.036		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.541		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.055		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.958		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.48		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.694		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.861		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.683		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	29.793		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BP071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020973.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.61		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	29.456		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.248		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.634		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212964	7.699				
1146-65-2	Naphthalene-d8	826997	10.457				
15067-26-2	Acenaphthene-d10	543188	14.322				
1517-22-2	Phenanthrene-d10	1201871	17.116				
1719-03-5	Chrysene-d12	1215716	21.562				
1520-96-3	Perylene-d12	1429287	24.856				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.045	
	(DEL) Alkane: Straight-Chain	21.215	J			21.215	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MS	SDG No.:	BP071524
Lab Sample ID:	P3100-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.09 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
BP020974.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	920		50	91.3	370	ug/Kg
110-86-1	Pyridine	1200		37	180	370	ug/Kg
108-95-2	Phenol	1500		48	91.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		44	91.3	370	ug/Kg
95-57-8	2-Chlorophenol	1400		25	47	190	ug/Kg
95-48-7	2-Methylphenol	1400		43	91.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		66	91.3	370	ug/Kg
98-86-2	Acetophenone	1400		44	91.3	370	ug/Kg
106-44-5	4-Methylphenol	1400		41	91.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		56	47	190	ug/Kg
67-72-1	Hexachloroethane	1300		20	47	190	ug/Kg
98-95-3	Nitrobenzene	1500		34	47	190	ug/Kg
78-59-1	Isophorone	1400		53	47	190	ug/Kg
88-75-5	2-Nitrophenol	1600		34	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		28	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		48	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		18	47	190	ug/Kg
91-20-3	Naphthalene	1500		28	47	190	ug/Kg
106-47-8	4-Chloroaniline	1200		27	47	370	ug/Kg
87-68-3	Hexachlorobutadiene	1500		49	47	190	ug/Kg
105-60-2	Caprolactam	1300		80	91.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		54	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		37	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		110	91.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		54	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		43	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MS	SDG No.:	BP071524
Lab Sample ID:	P3100-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.09 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
BP020974.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		27	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		29	47	190	ug/Kg
88-74-4	2-Nitroaniline	1700		45	47	190	ug/Kg
131-11-3	Dimethylphthalate	1500		32	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		49	47	190	ug/Kg
208-96-8	Acenaphthylene	1500		35	47	190	ug/Kg
99-09-2	3-Nitroaniline	1800		49	91.3	370	ug/Kg
83-32-9	Acenaphthene	1500		32	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		53	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	1700		49	91.3	370	ug/Kg
132-64-9	Dibenzofuran	1600		35	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		48	47	190	ug/Kg
84-66-2	Diethylphthalate	1500		33	47	190	ug/Kg
86-73-7	Fluorene	1500		28	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		22	47	190	ug/Kg
100-01-6	4-Nitroaniline	2200		34	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		85	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		37	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		27	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		32	47	190	ug/Kg
118-74-1	Hexachlorobenzene	1500		35	47	190	ug/Kg
1912-24-9	Atrazine	1000		79	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	1400		82	91.3	370	ug/Kg
85-01-8	Phenanthrene	1600		32	47	190	ug/Kg
608-93-5	Pentachlorobenzene	1400		58	47	190	ug/Kg
120-12-7	Anthracene	1500		28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		55	47	190	ug/Kg
86-74-8	Carbazole	1700		31	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	1600		68	47	190	ug/Kg
206-44-0	Fluoranthene	1400		60	91.3	190	ug/Kg



Client:				Date Collected:	6/26/2024 12:00:00 AM	
Project:				Date Received:	6/26/2024 12:00:00 AM	
Client Sample ID:	A4CD1MS			SDG No.:	BP071524	
Lab Sample ID:	P3100-02MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	9.9	
Sample Wt/Vol:	30.09	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
BP020974.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		54	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	1400		93	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		53	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	1600		30	47	190	ug/Kg
218-01-9	Chrysene	1600		34	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		110	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		84	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		37	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	1400		35	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		34	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		31	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		29	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		37	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.235		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	24.51		20-120		61	SPK: -40
4165-62-2	Phenol-d5	30.358		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.494		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.317		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	27.377		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	34.854		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.782		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.335		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.362		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.007		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.675		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.487		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	35.644		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MS	SDG No.:	BP071524
Lab Sample ID:	P3100-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.09 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
BP020974.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.844		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	35.775		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	31.851		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.665		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222067	7.699				
1146-65-2	Naphthalene-d8	820676	10.457				
15067-26-2	Acenaphthene-d10	503727	14.304				
1517-22-2	Phenanthrene-d10	1029955	17.122				
1719-03-5	Chrysene-d12	1017075	21.557				
1520-96-3	Perylene-d12	1246682	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BP071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.07 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
BP020975.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	920		50	91.4	370	ug/Kg
110-86-1	Pyridine	1200		37	180	370	ug/Kg
108-95-2	Phenol	1500		48	91.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		44	91.4	370	ug/Kg
95-57-8	2-Chlorophenol	1500		25	47.1	190	ug/Kg
95-48-7	2-Methylphenol	1400		43	91.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		66	91.4	370	ug/Kg
98-86-2	Acetophenone	1400		44	91.4	370	ug/Kg
106-44-5	4-Methylphenol	1400		41	91.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		56	47.1	190	ug/Kg
67-72-1	Hexachloroethane	1300		20	47.1	190	ug/Kg
98-95-3	Nitrobenzene	1500		34	47.1	190	ug/Kg
78-59-1	Isophorone	1400		53	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	1600		34	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		28	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		48	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		18	47.1	190	ug/Kg
91-20-3	Naphthalene	1400		28	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	1200		27	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	1400		49	47.1	190	ug/Kg
105-60-2	Caprolactam	1400		80	91.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		54	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		37	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	910		110	91.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		54	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		43	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BP071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.07 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
BP020975.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		27	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	1500		29	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	1700		45	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	1500		32	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		49	47.1	190	ug/Kg
208-96-8	Acenaphthylene	1500		35	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	1800		49	91.4	370	ug/Kg
83-32-9	Acenaphthene	1500		32	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		53	91.4	370	ug/Kg
100-02-7	4-Nitrophenol	1700		49	91.4	370	ug/Kg
132-64-9	Dibenzofuran	1500		35	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		48	47.1	190	ug/Kg
84-66-2	Diethylphthalate	1500		33	47.1	190	ug/Kg
86-73-7	Fluorene	1500		28	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		22	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	2200		34	91.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		85	91.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		37	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		27	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		32	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	1500		35	47.1	190	ug/Kg
1912-24-9	Atrazine	1000		79	91.4	370	ug/Kg
87-86-5	Pentachlorophenol	1300		82	91.4	370	ug/Kg
85-01-8	Phenanthrene	1500		32	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	1300		58	47.1	190	ug/Kg
120-12-7	Anthracene	1500		28	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		55	47.1	190	ug/Kg
86-74-8	Carbazole	1700		31	91.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	1500		68	47.1	190	ug/Kg
206-44-0	Fluoranthene	1300		60	91.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BP071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.07 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
BP020975.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		54	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	1300		93	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		53	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		30	47.1	190	ug/Kg
218-01-9	Chrysene	1500		34	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		110	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		84	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		37	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		42	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	1400		35	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		34	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		31	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		29	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		37	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.324		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	23.674		20-120		59	SPK: -40
4165-62-2	Phenol-d5	31.239		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.459		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.299		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	28.205		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	33.882		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.019		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.984		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.551		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.532		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.68		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.094		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	35.224		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BP071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.07 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
BP020975.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.297		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	34.769		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	30.193		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.187		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223901	7.699				
1146-65-2	Naphthalene-d8	887153	10.469				
15067-26-2	Acenaphthene-d10	554871	14.322				
1517-22-2	Phenanthrene-d10	1149755	17.128				
1719-03-5	Chrysene-d12	1149841	21.568				
1520-96-3	Perylene-d12	1423360	24.862				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW2	SDG No.:	BP071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020976.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.9	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.9	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	57.9	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.9	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.9	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.9	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.9	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	57.9	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.9	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.9	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	57.9	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.9	230	ug/Kg
105-60-2	Caprolactam	98	U	98	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	57.9	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.9	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.9	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.9	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW2	SDG No.:	BP071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020976.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	57.9	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.9	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	57.9	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	57.9	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.9	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	57.9	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	57.9	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	57.9	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	57.9	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.9	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.9	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.9	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	57.9	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	57.9	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	57.9	230	ug/Kg
1912-24-9	Atrazine	97	U	97	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	40	U	40	57.9	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	57.9	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.9	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.9	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	57.9	230	ug/Kg
206-44-0	Fluoranthene	74	U	74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW2	SDG No.:	BP071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020976.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	U	67	57.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.9	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	37	U	37	57.9	230	ug/Kg
218-01-9	Chrysene	42	U	42	57.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	57.9	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	57.9	230	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	57.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57.9	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.9	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.9	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.9	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.961		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.764		20-120		47	SPK: -40
4165-62-2	Phenol-d5	22.657		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.691		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.565		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.479		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.553		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.793		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.859		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.409		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.604		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.952		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.176		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.476		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW2	SDG No.:	BP071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020976.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.134		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.597		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	23.818		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.686		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187091	7.699				
1146-65-2	Naphthalene-d8	708101	10.457				
15067-26-2	Acenaphthene-d10	455445	14.31				
1517-22-2	Phenanthrene-d10	1046014	17.122				
1719-03-5	Chrysene-d12	1118429	21.563				
1520-96-3	Perylene-d12	1314600	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			18.063	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			21.216	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020978.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020978.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020978.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.961		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	27.348		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.531		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.138		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.468		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.811		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.432		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.017		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.194		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.084		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.673		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.056		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.859		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.72		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BP071524
Lab Sample ID:	PB161886BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020978.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.622		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.323		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	25.922		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.96		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199455	7.699				
1146-65-2	Naphthalene-d8	768805	10.452				
15067-26-2	Acenaphthene-d10	464342	14.316				
1517-22-2	Phenanthrene-d10	920314	17.116				
1719-03-5	Chrysene-d12	966059	21.557				
1520-96-3	Perylene-d12	1180866	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW4	SDG No.:	BP071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020979.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11.8	120	ug/Kg
100-52-7	Benzaldehyde	81	U	81	150	590	ug/Kg
110-86-1	Pyridine	59	U	59	300	590	ug/Kg
108-95-2	Phenol	77	U	77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	150	590	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	76.2	300	ug/Kg
95-48-7	2-Methylphenol	70	U	70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	590	ug/Kg
98-86-2	Acetophenone	72	U	72	150	590	ug/Kg
106-44-5	4-Methylphenol	66	U	66	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	76.2	300	ug/Kg
67-72-1	Hexachloroethane	32	U	32	76.2	300	ug/Kg
98-95-3	Nitrobenzene	56	U	56	76.2	300	ug/Kg
78-59-1	Isophorone	86	U	86	76.2	300	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	76.2	300	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	76.2	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	76.2	300	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	76.2	300	ug/Kg
91-20-3	Naphthalene	45	U	45	76.2	300	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	76.2	590	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	76.2	300	ug/Kg
105-60-2	Caprolactam	130	U	130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	76.2	300	ug/Kg
90-12-0	1-Methylnaphthalene	59	U	59	76.2	300	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	76.2	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	76.2	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	76.2	300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW4	SDG No.:	BP071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020979.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	76.2	300	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	76.2	300	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	76.2	300	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	76.2	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	79	U	79	76.2	300	ug/Kg
208-96-8	Acenaphthylene	57	U	57	76.2	300	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	150	590	ug/Kg
83-32-9	Acenaphthene	52	U	52	76.2	300	ug/Kg
51-28-5	2,4-Dinitrophenol	86	U	86	150	590	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	150	590	ug/Kg
132-64-9	Dibenzofuran	57	U	57	76.2	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	77	U	77	76.2	300	ug/Kg
84-66-2	Diethylphthalate	54	U	54	76.2	300	ug/Kg
86-73-7	Fluorene	45	U	45	76.2	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	76.2	300	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	76.2	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	76.2	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	76.2	300	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	76.2	300	ug/Kg
1912-24-9	Atrazine	130	U	130	150	590	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	590	ug/Kg
85-01-8	Phenanthrene	52	U	52	76.2	300	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	76.2	300	ug/Kg
120-12-7	Anthracene	45	U	45	76.2	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	90	U	90	76.2	300	ug/Kg
86-74-8	Carbazole	50	U	50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	76.2	300	ug/Kg
206-44-0	Fluoranthene	97	U	97	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW4	SDG No.:	BP071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020979.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	88	U	88	76.2	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	76.2	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	86	U	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	76.2	300	ug/Kg
218-01-9	Chrysene	56	U	56	76.2	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	76.2	300	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	76.2	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	76.2	300	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	76.2	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	76.2	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	76.2	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	76.2	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	76.2	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.378		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	22.14		20-120		55	SPK: -40
4165-62-2	Phenol-d5	26.308		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.442		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.818		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.001		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.109		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.822		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.718		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.855		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.007		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.387		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.472		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.834		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW4	SDG No.:	BP071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020979.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.774		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.677		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	26.859		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.071		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191235	7.699				
1146-65-2	Naphthalene-d8	746517	10.451				
15067-26-2	Acenaphthene-d10	445756	14.304				
1517-22-2	Phenanthrene-d10	917036	17.122				
1719-03-5	Chrysene-d12	999562	21.551				
1520-96-3	Perylene-d12	1171979	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.522	
000770-35-4	1-Phenoxypropan-2-ol	280	J			11.198	
000501-94-0	Benzeneethanol, 4-hydroxy-	140	J			13.486	
000057-10-3	n-Hexadecanoic acid	220	J			18.051	
	(DEL) Alkane: Straight-Chain	140	J			21.215	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BP071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BP020980.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.5	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	870	ug/Kg
110-86-1	Pyridine	87	U	87	440	870	ug/Kg
108-95-2	Phenol	110	U	110	220	870	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	220	870	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	870	ug/Kg
98-86-2	Acetophenone	110	U	110	220	870	ug/Kg
106-44-5	4-Methylphenol	98	U	98	220	870	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	110	450	ug/Kg
67-72-1	Hexachloroethane	48	U	48	110	450	ug/Kg
98-95-3	Nitrobenzene	82	U	82	110	450	ug/Kg
78-59-1	Isophorone	130	U	130	110	450	ug/Kg
88-75-5	2-Nitrophenol	82	U	82	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	110	450	ug/Kg
91-20-3	Naphthalene	66	U	66	110	450	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	110	870	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	110	450	ug/Kg
105-60-2	Caprolactam	190	U	190	220	870	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	87	U	87	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	220	870	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BP071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020980.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	69	U	69	110	450	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	450	ug/Kg
131-11-3	Dimethylphthalate	77	U	77	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	110	450	ug/Kg
208-96-8	Acenaphthylene	85	U	85	110	450	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	220	870	ug/Kg
83-32-9	Acenaphthene	77	U	77	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	220	870	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	220	870	ug/Kg
132-64-9	Dibenzofuran	85	U	85	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	450	ug/Kg
84-66-2	Diethylphthalate	80	U	80	110	450	ug/Kg
86-73-7	Fluorene	66	U	66	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	110	450	ug/Kg
100-01-6	4-Nitroaniline	82	U	82	220	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	220	870	ug/Kg
86-30-6	N-Nitrosodiphenylamine	87	U	87	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	77	U	77	110	450	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	110	450	ug/Kg
1912-24-9	Atrazine	190	U	190	220	870	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	220	870	ug/Kg
85-01-8	Phenanthrene	180	J	77	110	450	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	450	ug/Kg
120-12-7	Anthracene	66	U	66	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	450	ug/Kg
86-74-8	Carbazole	74	U	74	220	870	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	450	ug/Kg
206-44-0	Fluoranthene	300	J	140	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BP071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020980.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	130	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	870	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	72	110	450	ug/Kg
218-01-9	Chrysene	170	J	82	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	220	870	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	J	87	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	85	U	85	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	U	82	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	69	U	69	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.78		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.731	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	17.406		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.924		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.463		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.261		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.995		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.295		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.246		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.008		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.988		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.535		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.164		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.186		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BP071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020980.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.842		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.951		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	14.048		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.298		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233700	7.699				
1146-65-2	Naphthalene-d8	924019	10.457				
15067-26-2	Acenaphthene-d10	608892	14.304				
1517-22-2	Phenanthrene-d10	1335439	17.122				
1719-03-5	Chrysene-d12	1346200	21.551				
1520-96-3	Perylene-d12	1633423	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	240	J			11.198	
000057-10-3	n-Hexadecanoic acid	320	J			18.039	
086711-81-1	2- Chloropropionic acid, hexadecyl	310	J			21.204	
E966796	Total Alkanes	64	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BP071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020981.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.4	150	ug/Kg
100-52-7	Benzaldehyde	98	U	98	180	720	ug/Kg
110-86-1	Pyridine	72	U	72	360	720	ug/Kg
108-95-2	Phenol	94	U	94	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	180	720	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	92.7	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	720	ug/Kg
98-86-2	Acetophenone	87	U	87	180	720	ug/Kg
106-44-5	4-Methylphenol	81	U	81	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	92.7	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	92.7	370	ug/Kg
98-95-3	Nitrobenzene	68	U	68	92.7	370	ug/Kg
78-59-1	Isophorone	100	U	100	92.7	370	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	92.7	370	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	55	92.7	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	92.7	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	92.7	370	ug/Kg
91-20-3	Naphthalene	55	U	55	92.7	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	92.7	720	ug/Kg
87-68-3	Hexachlorobutadiene	96	U	96	92.7	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	92.7	370	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	92.7	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	92.7	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.7	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	92.7	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BP071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020981.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	92.7	370	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	92.7	370	ug/Kg
88-74-4	2-Nitroaniline	89	U	89	92.7	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	92.7	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	92.7	370	ug/Kg
208-96-8	Acenaphthylene	70	U	70	92.7	370	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	180	720	ug/Kg
83-32-9	Acenaphthene	63	U	63	92.7	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	720	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	180	720	ug/Kg
132-64-9	Dibenzofuran	70	U	70	92.7	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	94	U	94	92.7	370	ug/Kg
84-66-2	Diethylphthalate	65	U	65	92.7	370	ug/Kg
86-73-7	Fluorene	55	U	55	92.7	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	92.7	370	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	92.7	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	92.7	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	92.7	370	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	92.7	370	ug/Kg
1912-24-9	Atrazine	150	U	150	180	720	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	720	ug/Kg
85-01-8	Phenanthrene	320	J	63	92.7	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	92.7	370	ug/Kg
120-12-7	Anthracene	55	U	55	92.7	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	92.7	370	ug/Kg
86-74-8	Carbazole	61	U	61	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	92.7	370	ug/Kg
206-44-0	Fluoranthene	310	J	120	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BP071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020981.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	110	92.7	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	92.7	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	59	92.7	370	ug/Kg
218-01-9	Chrysene	160	J	68	92.7	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	92.7	370	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	72	92.7	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	83	92.7	370	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	92.7	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68	U	68	92.7	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	92.7	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	92.7	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	92.7	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.551		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.619	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	14.544		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.19		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.576		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	13.335		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	16.031		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.911		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.575		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.353		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.31		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.884		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.663		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.697		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BP071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020981.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.024		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	18.12		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	12.097		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.134		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239155	7.693				
1146-65-2	Naphthalene-d8	926592	10.457				
15067-26-2	Acenaphthene-d10	626629	14.304				
1517-22-2	Phenanthrene-d10	1331559	17.122				
1719-03-5	Chrysene-d12	1385761	21.551				
1520-96-3	Perylene-d12	1652244	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.198	
000057-10-3	n-Hexadecanoic acid	170	J			18.039	
	(DEL) Alkane: Cyclic	220	J			21.21	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BP071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020982.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.1	100	ug/Kg
100-52-7	Benzaldehyde	69	U	69	130	500	ug/Kg
110-86-1	Pyridine	50	U	50	250	500	ug/Kg
108-95-2	Phenol	66	U	66	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	130	500	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	64.9	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	130	500	ug/Kg
98-86-2	Acetophenone	61	U	61	130	500	ug/Kg
106-44-5	4-Methylphenol	56	U	56	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	78	U	78	64.9	260	ug/Kg
67-72-1	Hexachloroethane	27	U	27	64.9	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	64.9	260	ug/Kg
78-59-1	Isophorone	73	U	73	64.9	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	64.9	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	64.9	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	64.9	260	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	64.9	260	ug/Kg
91-20-3	Naphthalene	38	U	38	64.9	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	64.9	500	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	64.9	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	64.9	260	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	64.9	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	64.9	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	64.9	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	64.9	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BP071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020982.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	64.9	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	64.9	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	64.9	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	64.9	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	67	U	67	64.9	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	64.9	260	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	130	500	ug/Kg
83-32-9	Acenaphthene	44	U	44	64.9	260	ug/Kg
51-28-5	2,4-Dinitrophenol	73	U	73	130	500	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	500	ug/Kg
132-64-9	Dibenzofuran	49	U	49	64.9	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	64.9	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	64.9	260	ug/Kg
86-73-7	Fluorene	38	U	38	64.9	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	64.9	260	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	64.9	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	64.9	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	64.9	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	64.9	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	500	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	500	ug/Kg
85-01-8	Phenanthrene	70	J	44	64.9	260	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	64.9	260	ug/Kg
120-12-7	Anthracene	38	U	38	64.9	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	76	U	76	64.9	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	64.9	260	ug/Kg
206-44-0	Fluoranthene	82	U	82	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BP071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020982.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	75	U	75	64.9	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	64.9	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73	U	73	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	64.9	260	ug/Kg
218-01-9	Chrysene	47	U	47	64.9	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	64.9	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	64.9	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	64.9	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	64.9	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	64.9	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	64.9	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	64.9	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	64.9	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.041		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.834		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.537		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.824		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.103		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.678		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.761		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.659		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.938		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.608		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.861		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.762		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.552		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.959		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BP071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020982.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.518		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.489		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	18.461		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.97		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261966	7.699				
1146-65-2	Naphthalene-d8	1039112	10.452				
15067-26-2	Acenaphthene-d10	617050	14.316				
1517-22-2	Phenanthrene-d10	1180622	17.122				
1719-03-5	Chrysene-d12	1204763	21.557				
1520-96-3	Perylene-d12	1485648	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.204	
000057-10-3	n-Hexadecanoic acid	130	J			18.057	
	(DEL) Alkane: Straight-Chain	21.216	J			21.216	
E966796	Total Alkanes	130				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CB7								
P3087-01	A4CB7	Solid	(DEL) Alkane: Straight-Chain23.5 *	210.000	J			
P3087-01	A4CB7	Solid	(DEL) Alkane: Straight-Chain3.07 *	150.000	J			
P3087-01	A4CB7	Solid	11H-Benzo[b]fluorene *	100.000	J			
P3087-01	A4CB7	Solid	4H-Cyclopenta[def]phenanthrene *	230.000	J			
P3087-01	A4CB7	Solid	9,10-Anthracenedione *	100.000	J			
P3087-01	A4CB7	Solid	n-Hexadecanoic acid *	140.000	J			
P3087-01	A4CB7	Solid	Phenanthrene, 2-methyl- *	92.000	J			
P3087-01	A4CB7	Solid	unknown-01 *	170.000	J			
P3087-01	A4CB7	Solid	Total Alkanes *	360.000		31	220	ug/Kg
Total Tics :				1,552.00				
P3087-01	A4CB7	Solid	Acenaphthene	68.000	J	37	220	ug/Kg
P3087-01	A4CB7	Solid	Anthracene	170.000	J	32	220	ug/Kg
P3087-01	A4CB7	Solid	Benzo(a)anthracene	580.000		35	220	ug/Kg
P3087-01	A4CB7	Solid	Benzo(a)pyrene	290.000		41	220	ug/Kg
P3087-01	A4CB7	Solid	Benzo(b)fluoranthene	810.000		42	220	ug/Kg
P3087-01	A4CB7	Solid	Benzo(k)fluoranthene	300.000		49	220	ug/Kg
P3087-01	A4CB7	Solid	Bis(2-ethylhexyl)phthalate	1,100.000		120	220	ug/Kg
P3087-01	A4CB7	Solid	Carbazole	98.000	J	36	420	ug/Kg
P3087-01	A4CB7	Solid	Chrysene	680.000		40	220	ug/Kg
P3087-01	A4CB7	Solid	Dibenzo(a,h)anthracene	100.000	J	36	220	ug/Kg
P3087-01	A4CB7	Solid	Fluoranthene	1,300.000		69	220	ug/Kg
P3087-01	A4CB7	Solid	Fluorene	71.000	J	32	220	ug/Kg
P3087-01	A4CB7	Solid	Indeno(1,2,3-cd)pyrene	230.000		40	220	ug/Kg
P3087-01	A4CB7	Solid	Phenanthrene	930.000		37	220	ug/Kg
P3087-01	A4CB7	Solid	Pyrene	860.000		63	220	ug/Kg
Total Svoc :				7,587.00				
Total Concentration:				9,139.00				
Client ID : A4DN1								
P3087-26	A4DN1	Solid	1-Phenoxypropan-2-ol *	100.000	J			
P3087-26	A4DN1	Solid	9,10-Anthracenedione *	510.000	J			
P3087-26	A4DN1	Solid	Benzene, 1,4-dichloro- *	5,600.000	J			
P3087-26	A4DN1	Solid	n-Hexadecanoic acid *	440.000	J			
P3087-26	A4DN1	Solid	Pentadecanoic acid, 14-methyl-, n *	92.000	J			
P3087-26	A4DN1	Solid	Total Alkanes *	0.000		24	170	ug/Kg
Total Tics :				6,742.00				
P3087-26	A4DN1	Solid	2,4,5-Trichlorophenol	4,800.000	E	39	170	ug/Kg
P3087-26	A4DN1	Solid	2,4,6-Trichlorophenol	4,600.000	E	49	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-26	A4DN1	Solid	2,4-Dichlorophenol	4,600.000	E	16	170	ug/Kg
P3087-26	A4DN1	Solid	2,6-Dinitrotoluene	4,700.000	E	44	170	ug/Kg
P3087-26	A4DN1	Solid	2-Chlorophenol	1,100.000		23	170	ug/Kg
P3087-26	A4DN1	Solid	2-Nitrophenol	3,400.000	E	31	170	ug/Kg
P3087-26	A4DN1	Solid	4-Chloro-3-methylphenol	5,400.000	E	49	170	ug/Kg
P3087-26	A4DN1	Solid	4-Chlorophenyl-phenylether	5,600.000	E	20	170	ug/Kg
P3087-26	A4DN1	Solid	4-Nitrophenol	7,300.000	E	44	330	ug/Kg
P3087-26	A4DN1	Solid	Acenaphthene	4,100.000	E	29	170	ug/Kg
P3087-26	A4DN1	Solid	Acenaphthylene	5,200.000	E	32	170	ug/Kg
P3087-26	A4DN1	Solid	Anthracene	5,300.000	E	25	170	ug/Kg
P3087-26	A4DN1	Solid	Benzo(a)anthracene	3,200.000	E	27	170	ug/Kg
P3087-26	A4DN1	Solid	Benzo(a)pyrene	1,500.000		32	170	ug/Kg
P3087-26	A4DN1	Solid	Benzo(g,h,i)perylene	4,800.000	E	26	170	ug/Kg
P3087-26	A4DN1	Solid	Benzo(k)fluoranthene	3,000.000	E	38	170	ug/Kg
P3087-26	A4DN1	Solid	Bis(2-Chloroethoxy)methane	4,900.000	E	43	170	ug/Kg
P3087-26	A4DN1	Solid	Bis(2-Chloroethyl)ether	5,500.000	E	40	330	ug/Kg
P3087-26	A4DN1	Solid	Bis(2-ethylhexyl)phthalate	4,900.000	E	96	170	ug/Kg
P3087-26	A4DN1	Solid	Butylbenzylphthalate	5,700.000	E	84	170	ug/Kg
P3087-26	A4DN1	Solid	Chrysene	6,200.000	E	31	170	ug/Kg
P3087-26	A4DN1	Solid	Di-n-butylphthalate	2,600.000		61	170	ug/Kg
P3087-26	A4DN1	Solid	Dibenzo(a,h)anthracene	1,200.000		28	170	ug/Kg
P3087-26	A4DN1	Solid	Dibenzofuran	3,300.000	E	32	170	ug/Kg
P3087-26	A4DN1	Solid	Diethylphthalate	5,500.000	E	30	170	ug/Kg
P3087-26	A4DN1	Solid	Fluoranthene	3,900.000	E	54	170	ug/Kg
P3087-26	A4DN1	Solid	Fluorene	3,000.000	E	25	170	ug/Kg
P3087-26	A4DN1	Solid	Indeno(1,2,3-cd)pyrene	4,200.000	E	31	170	ug/Kg
P3087-26	A4DN1	Solid	N-Nitroso-di-n-propylamine	2,900.000	E	51	170	ug/Kg
P3087-26	A4DN1	Solid	Naphthalene	5,800.000	E	25	170	ug/Kg
P3087-26	A4DN1	Solid	Nitrobenzene	1,300.000		31	170	ug/Kg
P3087-26	A4DN1	Solid	Pentachlorophenol	6,000.000	E	74	330	ug/Kg
P3087-26	A4DN1	Solid	Phenol	2,900.000		43	330	ug/Kg
P3087-26	A4DN1	Solid	Pyrene	4,700.000	E	49	170	ug/Kg

Total Svoc : 143,100.00
Total Concentration: 149,842.00

Client ID : A4DN1DL

P3087-26DL	A4DN1DL	Solid	9,10-Anthracenedione	*	430.000	JD		
P3087-26DL	A4DN1DL	Solid	Benzene, 1,3-dichloro-	*	5,000.000	JD		
P3087-26DL	A4DN1DL	Solid	n-Hexadecanoic acid	*	750.000	JD		
P3087-26DL	A4DN1DL	Solid	Total Alkanes	*	0.000	D 120	850	ug/Kg

Total Tics : 6,180.00

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-26DL	A4DN1DL	Solid	2,4,5-Trichlorophenol	5,000.000	D	190	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	2,4,6-Trichlorophenol	4,800.000	D	240	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	2,4-Dichlorophenol	4,800.000	D	80	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	2,6-Dinitrotoluene	4,600.000	D	220	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	2-Chlorophenol	1,100.000	D	110	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	2-Nitrophenol	3,400.000	D	150	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	4-Chloro-3-methylphenol	5,700.000	D	240	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	4-Chlorophenyl-phenylether	6,500.000	D	100	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	4-Nitrophenol	6,300.000	D	220	1600	ug/Kg
P3087-26DL	A4DN1DL	Solid	Acenaphthene	4,500.000	D	140	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Acenaphthylene	6,000.000	D	160	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Anthracene	6,200.000	D	120	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Benzo(a)anthracene	3,500.000	D	130	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Benzo(a)pyrene	1,600.000	D	160	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Benzo(g,h,i)perylene	4,900.000	D	130	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Benzo(k)fluoranthene	3,200.000	D	190	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Bis(2-Chloroethoxy)methane	5,400.000	D	210	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Bis(2-Chloroethyl)ether	6,000.000	D	200	1600	ug/Kg
P3087-26DL	A4DN1DL	Solid	Bis(2-ethylhexyl)phthalate	6,000.000	D	480	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Butylbenzylphthalate	7,000.000	D	420	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Chrysene	7,200.000	D	150	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Di-n-butylphthalate	2,900.000	D	300	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Dibenzo(a,h)anthracene	1,200.000	D	140	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Dibenzofuran	3,800.000	D	160	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Diethylphthalate	6,500.000	D	150	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Fluoranthene	4,700.000	D	270	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Fluorene	3,400.000	D	120	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Indeno(1,2,3-cd)pyrene	4,200.000	D	150	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	N-Nitroso-di-n-propylamine	3,100.000	D	250	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Naphthalene	6,500.000	D	120	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Nitrobenzene	1,200.000	D	150	850	ug/Kg
P3087-26DL	A4DN1DL	Solid	Pentachlorophenol	5,800.000	D	370	1600	ug/Kg
P3087-26DL	A4DN1DL	Solid	Phenol	2,900.000	D	210	1600	ug/Kg
P3087-26DL	A4DN1DL	Solid	Pyrene	5,800.000	D	240	850	ug/Kg
Total Svoc :				155,700.00				
Total Concentration:				161,880.00				

Client ID : A4CD1

P3100-01	A4CD1	Solid	(DEL) Alkane: Straight-Chain21.2 *	150.000	J			
P3100-01	A4CD1	Solid	n-Hexadecanoic acid	*	130.000	J		
P3100-01	A4CD1	Solid	Total Alkanes	*	150.000	27	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :					430.00			
Total Concentration:					430.00			
Client ID : A4BW2								
P3100-06	A4BW2	Solid	n-Hexadecanoic acid	*	120.000	J		
P3100-06	A4BW2	Solid	Pentadecafluorooctanoic acid, oct:	*	140.000	J		
P3100-06	A4BW2	Solid	Total Alkanes	*	0.000	33	230	ug/Kg
Total Tics :					260.00			
Total Concentration:					260.00			
Client ID : A4BW4								
P3100-07	A4BW4	Solid	(DEL) Alkane: Straight-Chain21.2	*	140.000	J		
P3100-07	A4BW4	Solid	1-Phenoxypropan-2-ol	*	280.000	J		
P3100-07	A4BW4	Solid	Benzeneethanol, 4-hydroxy-	*	140.000	J		
P3100-07	A4BW4	Solid	n-Hexadecanoic acid	*	220.000	J		
P3100-07	A4BW4	Solid	unknown-01	*	150.000	J		
P3100-07	A4BW4	Solid	Total Alkanes	*	140.000	43	300	ug/Kg
Total Tics :					1,070.00			
Total Concentration:					1,070.00			
Client ID : A4BW7								
P3100-09	A4BW7	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3100-09	A4BW7	Solid	Carbonic acid, eicosyl vinyl ester	*	120.000	J		
P3100-09	A4BW7	Solid	n-Hexadecanoic acid	*	140.000	J		
P3100-09	A4BW7	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :					390.00			
Total Concentration:					390.00			
Client ID : A4BW8								
P3100-10	A4BW8	Solid	(DEL) Alkane: Straight-Chain22.4	*	170.000	J		
P3100-10	A4BW8	Solid	(E)-4-(3-Hydroxyprop-1-en-1-yl)-	*	350.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlor	*	230.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	280.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo	*	160.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	230.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	500.000	J		
P3100-10	A4BW8	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	210.000	J		
P3100-10	A4BW8	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P3100-10	A4BW8	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	170.000	J		
P3100-10	A4BW8	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl	*	200.000	J		
P3100-10	A4BW8	Solid	Benzeneethanol, 4-hydroxy-	*	230.000	J		
P3100-10	A4BW8	Solid	Hexadecanoic acid, 15-methyl-, m	*	120.000	J		
P3100-10	A4BW8	Solid	n-Hexadecanoic acid	*	490.000	J		

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SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-10	A4BW8	Solid	Octadecanoic acid	*	180.000	J		
P3100-10	A4BW8	Solid	Pentadecafluorooctanoic acid, octa	*	460.000	J		
P3100-10	A4BW8	Solid	Propylene Glycol	*	180.000	J		
P3100-10	A4BW8	Solid	Total Alkanes	*	170.000		41	290 ug/Kg
Total Tics :				4,560.00				
P3100-10	A4BW8	Solid	Benzo(a)anthracene		220.000	J	46	290 ug/Kg
P3100-10	A4BW8	Solid	Benzo(a)pyrene		120.000	J	55	290 ug/Kg
P3100-10	A4BW8	Solid	Benzo(b)fluoranthene		330.000		56	290 ug/Kg
P3100-10	A4BW8	Solid	Benzo(k)fluoranthene		92.000	J	65	290 ug/Kg
P3100-10	A4BW8	Solid	Chrysene		260.000	J	53	290 ug/Kg
P3100-10	A4BW8	Solid	Fluoranthene		380.000		92	290 ug/Kg
P3100-10	A4BW8	Solid	Indeno(1,2,3-cd)pyrene		90.000	J	53	290 ug/Kg
P3100-10	A4BW8	Solid	Phenanthrene		240.000	J	49	290 ug/Kg
P3100-10	A4BW8	Solid	Pyrene		270.000	J	84	290 ug/Kg
Total Svoc :				2,002.00				
Total Concentration:				6,562.00				
Client ID : A4BY0								
P3100-14	A4BY0	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3100-14	A4BY0	Solid	n-Hexadecanoic acid	*	270.000	J		
P3100-14	A4BY0	Solid	Octadecanoic acid	*	170.000	J		
P3100-14	A4BY0	Solid	Pentadecafluorooctanoic acid, octa	*	370.000	J		
P3100-14	A4BY0	Solid	Propylene Glycol	*	170.000	J		
P3100-14	A4BY0	Solid	Total Alkanes	*	0.000		53	370 ug/Kg
Total Tics :				1,180.00				
P3100-14	A4BY0	Solid	Benzo(b)fluoranthene		91.000	J	72	370 ug/Kg
P3100-14	A4BY0	Solid	Chrysene		78.000	J	68	370 ug/Kg
Total Svoc :				169.00				
Total Concentration:				1,349.00				
Client ID : A4D04								
P3100-15	A4D04	Solid	(DEL) Alkane: Straight-Chain21.2	*	670.000	J		
P3100-15	A4D04	Solid	(DEL) Alkane: Straight-Chain23.5	*	420.000	J		
P3100-15	A4D04	Solid	1-Phenoxypropan-2-ol	*	370.000	J		
P3100-15	A4D04	Solid	Isopropyl Alcohol	*	250.000	J		
P3100-15	A4D04	Solid	n-Hexadecanoic acid	*	730.000	J		
P3100-15	A4D04	Solid	Octadecanoic acid	*	250.000	J		
P3100-15	A4D04	Solid	Total Alkanes	*	1,100.000		61	440 ug/Kg
Total Tics :				3,790.00				
P3100-15	A4D04	Solid	Benzo(b)fluoranthene		110.000	J	85	440 ug/Kg
P3100-15	A4D04	Solid	Chrysene		94.000	J	79	440 ug/Kg
P3100-15	A4D04	Solid	Fluoranthene		170.000	J	140	440 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-15	A4D04	Solid	Phenanthrene	99.000	J	74	440	ug/Kg
Total Svoc :				473.00				
Total Concentration:				4,263.00				
Client ID : A4D07								
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain16.0	91.000	J			
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain18.0	96.000	J			
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain19.0	100.000	J			
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain22.0	170.000	J			
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain23.0	1,300.000	J			
P3100-16	A4D07	Solid	(DEL) Alkane: Straight-Chain26.0	2,100.000	J			
P3100-16	A4D07	Solid	1,1-Biphenyl, 2,4,4-trichloro-	84.000	J			
P3100-16	A4D07	Solid	1-Heptacosanol	440.000	J			
P3100-16	A4D07	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	100.000	J			
P3100-16	A4D07	Solid	Anthracene, 1-methyl-	120.000	J			
P3100-16	A4D07	Solid	Behenic alcohol	490.000	J			
P3100-16	A4D07	Solid	Hexacosanal	510.000	J			
P3100-16	A4D07	Solid	n-Hexadecanoic acid	450.000	J			
P3100-16	A4D07	Solid	Octadecanal	450.000	J			
P3100-16	A4D07	Solid	Octadecanoic acid	140.000	J			
P3100-16	A4D07	Solid	Oxirane, heptadecyl-	220.000	J			
P3100-16	A4D07	Solid	Pentadecafluorooctanoic acid, octa	410.000	J			
P3100-16	A4D07	Solid	Total Alkanes	3,900.000		26	190	ug/Kg
Total Tics :				11,171.00				
P3100-16	A4D07	Solid	Acenaphthylene	36.000	J	35	190	ug/Kg
P3100-16	A4D07	Solid	Anthracene	43.000	J	27	190	ug/Kg
P3100-16	A4D07	Solid	Benzo(a)anthracene	180.000	J	29	190	ug/Kg
P3100-16	A4D07	Solid	Benzo(a)pyrene	94.000	J	35	190	ug/Kg
P3100-16	A4D07	Solid	Benzo(b)fluoranthene	270.000		36	190	ug/Kg
P3100-16	A4D07	Solid	Benzo(k)fluoranthene	100.000	J	41	190	ug/Kg
P3100-16	A4D07	Solid	Chrysene	230.000		34	190	ug/Kg
P3100-16	A4D07	Solid	Dibenzo(a,h)anthracene	39.000	J	31	190	ug/Kg
P3100-16	A4D07	Solid	Fluoranthene	310.000		59	190	ug/Kg
P3100-16	A4D07	Solid	Indeno(1,2,3-cd)pyrene	78.000	J	34	190	ug/Kg
P3100-16	A4D07	Solid	Phenanthrene	220.000		32	190	ug/Kg
P3100-16	A4D07	Solid	Pyrene	220.000		53	190	ug/Kg
Total Svoc :				1,820.00				
Total Concentration:				12,991.00				
Client ID : A4D38								
P3100-21	A4D38	Solid	(DEL) Alkane: Cyclic21.210	230.000	J			

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-21	A4D38	Solid	(DEL) Alkane: Straight-Chain23.5	*	190.000	J		
P3100-21	A4D38	Solid	1-Heptacosanol	*	180.000	J		
P3100-21	A4D38	Solid	1-Phenoxypropan-2-ol	*	74.000	J		
P3100-21	A4D38	Solid	Benzeneethanol, 4-hydroxy-	*	170.000	J		
P3100-21	A4D38	Solid	Isopropyl Alcohol	*	75.000	J		
P3100-21	A4D38	Solid	n-Hexadecanoic acid	*	320.000	J		
P3100-21	A4D38	Solid	Octadecanoic acid	*	81.000	J		
P3100-21	A4D38	Solid	unknown-01	*	500.000	J		
P3100-21	A4D38	Solid	Total Alkanes	*	420.000	25	180	ug/Kg
Total Tics :					2,240.00			
Total Concentration:					2,240.00			
Client ID : A4BS0								
P3177-02	A4BS0	Solid	1-Phenoxypropan-2-ol	*	240.000	J		
P3177-02	A4BS0	Solid	2- Chloropropionic acid, hexadecy	*	310.000	J		
P3177-02	A4BS0	Solid	n-Hexadecanoic acid	*	320.000	J		
P3177-02	A4BS0	Solid	Total Alkanes	*	0.000	64	450	ug/Kg
Total Tics :					870.00			
P3177-02	A4BS0	Solid	Benzo(a)anthracene		150.000	J 72	450	ug/Kg
P3177-02	A4BS0	Solid	Benzo(b)fluoranthene		230.000	J 87	450	ug/Kg
P3177-02	A4BS0	Solid	Chrysene		170.000	J 82	450	ug/Kg
P3177-02	A4BS0	Solid	Fluoranthene		300.000	J 140	450	ug/Kg
P3177-02	A4BS0	Solid	Phenanthrene		180.000	J 77	450	ug/Kg
P3177-02	A4BS0	Solid	Pyrene		160.000	J 130	450	ug/Kg
Total Svoc :					1,190.00			
Total Concentration:					2,060.00			
Client ID : A4BS3								
P3177-05	A4BS3	Solid	(DEL) Alkane: Cyclic21.210	*	220.000	J		
P3177-05	A4BS3	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P3177-05	A4BS3	Solid	n-Hexadecanoic acid	*	170.000	J		
P3177-05	A4BS3	Solid	Total Alkanes	*	220.000	52	370	ug/Kg
Total Tics :					800.00			
P3177-05	A4BS3	Solid	Benzo(a)anthracene		160.000	J 59	370	ug/Kg
P3177-05	A4BS3	Solid	Benzo(b)fluoranthene		180.000	J 72	370	ug/Kg
P3177-05	A4BS3	Solid	Chrysene		160.000	J 68	370	ug/Kg
P3177-05	A4BS3	Solid	Fluoranthene		310.000	J 120	370	ug/Kg
P3177-05	A4BS3	Solid	Phenanthrene		320.000	J 63	370	ug/Kg
P3177-05	A4BS3	Solid	Pyrene		170.000	J 110	370	ug/Kg
Total Svoc :					1,300.00			
Total Concentration:					2,100.00			

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BS4								
P3177-06	A4BS4	Solid	(DEL) Alkane: Straight-Chain21.2 *	130.000	J			
P3177-06	A4BS4	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P3177-06	A4BS4	Solid	n-Hexadecanoic acid *	130.000	J			
P3177-06	A4BS4	Solid	Total Alkanes *	130.000		37	260	ug/Kg
			Total Tics :			510.00		
P3177-06	A4BS4	Solid	Phenanthrene	70.000	J	44	260	ug/Kg
			Total Svoc :			70.00		
			Total Concentration:			580.00		
Client ID : A4DN2								
P3177-21	A4DN2	Solid	1-Phenoxypropan-2-ol *	67.000	J			
P3177-21	A4DN2	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	110.000	J			
P3177-21	A4DN2	Solid	9,10-Anthracenedione *	270.000	J			
P3177-21	A4DN2	Solid	9-Octadecenoic acid (Z)-, methyl *	71.000	J			
P3177-21	A4DN2	Solid	Benzene, 1,2-dichloro- *	3,800.000	J			
P3177-21	A4DN2	Solid	Hexadecanoic acid, methyl ester *	97.000	J			
P3177-21	A4DN2	Solid	n-Hexadecanoic acid *	240.000	J			
P3177-21	A4DN2	Solid	Tridecanoic acid, methyl ester *	68.000	J			
P3177-21	A4DN2	Solid	Total Alkanes *	0.000		24	170	ug/Kg
			Total Tics :			4,723.00		
P3177-21	A4DN2	Solid	2,4,5-Trichlorophenol	1,600.000		39	170	ug/Kg
P3177-21	A4DN2	Solid	2,4,6-Trichlorophenol	850.000		49	170	ug/Kg
P3177-21	A4DN2	Solid	2,4-Dichlorophenol	4,700.000	E	16	170	ug/Kg
P3177-21	A4DN2	Solid	2,4-Dinitrotoluene	1,700.000		43	170	ug/Kg
P3177-21	A4DN2	Solid	2,6-Dinitrotoluene	7,100.000	E	44	170	ug/Kg
P3177-21	A4DN2	Solid	2-Chlorophenol	2,600.000		23	170	ug/Kg
P3177-21	A4DN2	Solid	2-Methylnaphthalene	3,800.000	E	23	170	ug/Kg
P3177-21	A4DN2	Solid	2-Nitrophenol	1,900.000		31	170	ug/Kg
P3177-21	A4DN2	Solid	4-Bromophenyl-phenylether	1,900.000		29	170	ug/Kg
P3177-21	A4DN2	Solid	4-Chloro-3-methylphenol	720.000		49	170	ug/Kg
P3177-21	A4DN2	Solid	4-Chlorophenyl-phenylether	2,500.000		20	170	ug/Kg
P3177-21	A4DN2	Solid	4-Nitrophenol	1,100.000		44	330	ug/Kg
P3177-21	A4DN2	Solid	Acenaphthene	3,600.000	E	29	170	ug/Kg
P3177-21	A4DN2	Solid	Acenaphthylene	2,500.000		32	170	ug/Kg
P3177-21	A4DN2	Solid	Anthracene	3,000.000	E	25	170	ug/Kg
P3177-21	A4DN2	Solid	Benzo(a)anthracene	1,600.000		27	170	ug/Kg
P3177-21	A4DN2	Solid	Benzo(a)pyrene	930.000		32	170	ug/Kg
P3177-21	A4DN2	Solid	Benzo(b)fluoranthene	1,300.000		33	170	ug/Kg
P3177-21	A4DN2	Solid	Benzo(g,h,i)perylene	1,800.000		26	170	ug/Kg
P3177-21	A4DN2	Solid	Benzo(k)fluoranthene	1,000.000		38	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-21	A4DN2	Solid	Bis(2-Chloroethyl)ether	3,300.000		40	330	ug/Kg
P3177-21	A4DN2	Solid	Bis(2-ethylhexyl)phthalate	5,800.000	E	95	170	ug/Kg
P3177-21	A4DN2	Solid	Butylbenzylphthalate	510.000		83	170	ug/Kg
P3177-21	A4DN2	Solid	Di-n-butylphthalate	3,100.000	E	61	170	ug/Kg
P3177-21	A4DN2	Solid	Di-n-octyl phthalate	3,400.000		75	330	ug/Kg
P3177-21	A4DN2	Solid	Dibenzo(a,h)anthracene	710.000		28	170	ug/Kg
P3177-21	A4DN2	Solid	Dibenzofuran	2,000.000		32	170	ug/Kg
P3177-21	A4DN2	Solid	Diethylphthalate	4,200.000	E	30	170	ug/Kg
P3177-21	A4DN2	Solid	Fluoranthene	2,000.000		54	170	ug/Kg
P3177-21	A4DN2	Solid	Fluorene	2,600.000		25	170	ug/Kg
P3177-21	A4DN2	Solid	Isophorone	3,600.000	E	48	170	ug/Kg
P3177-21	A4DN2	Solid	N-Nitroso-di-n-propylamine	3,400.000	E	51	170	ug/Kg
P3177-21	A4DN2	Solid	Naphthalene	3,500.000	E	25	170	ug/Kg
P3177-21	A4DN2	Solid	Pentachlorophenol	3,400.000		74	330	ug/Kg
P3177-21	A4DN2	Solid	Phenanthrene	1,300.000		29	170	ug/Kg
P3177-21	A4DN2	Solid	Phenol	620.000		43	330	ug/Kg
Total Svoc :				89,640.00				
Total Concentration:				94,363.00				

Client ID : A4DN2DL

P3177-21DL	A4DN2DL	Solid	Benzene, 1,4-dichloro-	*	3,300.000	JD		
P3177-21DL	A4DN2DL	Solid	unknown-01	*	1,700.000	JD		
P3177-21DL	A4DN2DL	Solid	Total Alkanes	*	0.000	D 120	840	ug/Kg
Total Tics :				5,000.00				
P3177-21DL	A4DN2DL	Solid	2,4,5-Trichlorophenol		1,300.000	D 190	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2,4,6-Trichlorophenol		750.000	JD 240	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2,4-Dichlorophenol		4,300.000	D 79	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2,4-Dinitrotoluene		1,300.000	D 210	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2,6-Dinitrotoluene		6,200.000	D 220	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2-Chlorophenol		2,400.000	D 110	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2-Methylnaphthalene		3,700.000	D 110	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	2-Nitrophenol		1,600.000	D 150	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	4-Bromophenyl-phenylether		1,800.000	D 140	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	4-Chloro-3-methylphenol		550.000	JD 240	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	4-Chlorophenyl-phenylether		2,500.000	D 99	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	4-Nitrophenol		700.000	JD 220	1600	ug/Kg
P3177-21DL	A4DN2DL	Solid	Acenaphthene		3,800.000	D 140	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Acenaphthylene		2,500.000	D 160	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Anthracene		3,100.000	D 120	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Benzo(a)anthracene		1,600.000	D 130	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Benzo(a)pyrene		880.000	D 160	840	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-21DL	A4DN2DL	Solid	Benzo(b)fluoranthene	1,200.000	D	160	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Benzo(g,h,i)perylene	1,800.000	D	130	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Benzo(k)fluoranthene	910.000	D	190	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Bis(2-Chloroethyl)ether	3,200.000	D	200	1600	ug/Kg
P3177-21DL	A4DN2DL	Solid	Bis(2-ethylhexyl)phthalate	6,200.000	D	480	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Butylbenzylphthalate	440.000	JD	420	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Di-n-butylphthalate	3,000.000	D	300	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Di-n-octyl phthalate	3,200.000	D	380	1600	ug/Kg
P3177-21DL	A4DN2DL	Solid	Dibenzo(a,h)anthracene	690.000	JD	140	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Dibenzofuran	2,000.000	D	160	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Diethylphthalate	4,100.000	D	150	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Fluoranthene	1,900.000	D	270	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Fluorene	2,600.000	D	120	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Isophorone	3,400.000	D	240	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	N-Nitroso-di-n-propylamine	3,100.000	D	250	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Naphthalene	3,600.000	D	120	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Pentachlorophenol	2,800.000	D	370	1600	ug/Kg
P3177-21DL	A4DN2DL	Solid	Phenanthrene	1,300.000	D	140	840	ug/Kg
P3177-21DL	A4DN2DL	Solid	Phenol	530.000	JD	210	1600	ug/Kg
Total Svoc :				84,950.00				
Total Concentration:				89,950.00				

Client ID : YDZC5

P3217-03	YDZC5	Water	(DEL) Alkane: Straight-Chain 10.3 *	4.500	J			
P3217-03	YDZC5	Water	(R)-(+)-3-Methylcyclopentanone *	11.000	J			
P3217-03	YDZC5	Water	1-(6-Methyl-2-pyridyl)propan-2-ol *	17.000	J			
P3217-03	YDZC5	Water	1-Propanol, 3-phenoxy- *	12.000	J			
P3217-03	YDZC5	Water	2-Methyl-4-hydroxybenzoxazole *	11.000	J			
P3217-03	YDZC5	Water	2-tert-Butylphenol, O-(n-propylox) *	27.000	J			
P3217-03	YDZC5	Water	4-(7-Methyloctyl)phenol *	19.000	J			
P3217-03	YDZC5	Water	Acetamide, N-(2-methylphenyl)- *	33.000	J			
P3217-03	YDZC5	Water	Benzene, 1,2,3-trimethyl- *	25.000	J			
P3217-03	YDZC5	Water	Benzene, 1-ethyl-2,3-dimethyl- *	25.000	J			
P3217-03	YDZC5	Water	Benzene, 1-ethyl-3-methyl- *	12.000	J			
P3217-03	YDZC5	Water	Benzene, 1-methyl-3-propyl- *	15.000	J			
P3217-03	YDZC5	Water	Benzene, 4-ethyl-1,2-dimethyl- *	24.000	J			
P3217-03	YDZC5	Water	Benzeneacetic acid *	15.000	J			
P3217-03	YDZC5	Water	Benzoic acid, 3,5-dimethyl- *	11.000	J			
P3217-03	YDZC5	Water	Benzoic acid, 3-methyl- *	13.000	J			
P3217-03	YDZC5	Water	Benzoic acid, 4-methyl- *	19.000	J			
P3217-03	YDZC5	Water	Cyclohexanemethanol, .alpha.,.alpha. *	49.000	J			

Hit Summary Sheet SW-846

SDG No.: BP071524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3217-03	YDZC5	Water	Diethyltoluamide	*	37.000	J		
P3217-03	YDZC5	Water	Fumaric acid, 2-chloropropyl tride	*	10.000	J		
P3217-03	YDZC5	Water	Hexanoic acid, 2-ethyl-	*	13.000	J		
P3217-03	YDZC5	Water	L-Fenchone	*	13.000	J		
P3217-03	YDZC5	Water	n-Hexadecanoic acid	*	24.000	J		
P3217-03	YDZC5	Water	Naphthalene, 2,3-dimethyl-	*	11.000	J		
P3217-03	YDZC5	Water	Phenol, 2-(1,1,3,3-tetramethylbuty	*	20.000	J		
P3217-03	YDZC5	Water	Phenol, 2-(1,1-dimethylethyl)-5-n	*	9.200	J		
P3217-03	YDZC5	Water	Phenol, 3,5-dimethyl-	*	14.000	J		
P3217-03	YDZC5	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	17.000	J		
P3217-03	YDZC5	Water	Phthalic acid, 2,3-dimethylphenyl	*	8.100	J		
P3217-03	YDZC5	Water	unknown-01	*	22.000	J		
P3217-03	YDZC5	Water	unknown-02	*	11.000	J		
P3217-03	YDZC5	Water	Total Alkanes	*	4.500	J	1.1	5.1 ug/L
Total Tics :					556.30			
P3217-03	YDZC5	Water	1-Methylnaphthalene		42.000		0.92	5.1 ug/L
P3217-03	YDZC5	Water	2,4-Dimethylphenol		40.000		0.7	5.1 ug/L
P3217-03	YDZC5	Water	2-Methylnaphthalene		64.000		1.1	5.1 ug/L
P3217-03	YDZC5	Water	2-Methylphenol		21.000		1.5	10 ug/L
P3217-03	YDZC5	Water	4-Chloro-3-methylphenol		44.000		1.6	5.1 ug/L
P3217-03	YDZC5	Water	4-Methylphenol		57.000		1.7	10 ug/L
P3217-03	YDZC5	Water	Naphthalene		21.000		0.95	5.1 ug/L
P3217-03	YDZC5	Water	Phenanthrene		1.900	J	1.2	5.1 ug/L
Total Svoc :					290.90			
Total Concentration:					847.20			



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
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.

Form VI SV-1

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.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020646 Date Analyzed: Jul 15 2024 12:00AM

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

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	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	SBLK886	157163	7.70	598878	10.45	389841	14.32
02	A4DN1	158492	7.70	648261	10.45	436460	14.32
03	A4DN1DL	169368	7.65	699472	10.41	472670	14.29
04	A4DN2	164383	7.67	669489	10.43	439923	14.30
05	A4DN2DL	162258	7.68	630913	10.44	381757	14.31
06	YDZC5	161301	7.68	609325	10.45	439652	14.32
07	SBLK022	174829	7.70	696654	10.45	430960	14.32
08	A4CB7	183812	7.69	736421	10.46	485864	14.31
09	A4CB7MS	204020	7.70	832574	10.46	549086	14.31
10	A4CB7MSD	205271	7.69	771219	10.46	438621	14.32
11	A4BW7	187160	7.70	737658	10.46	491971	14.32
12	A4BY0	170366	7.70	661870	10.46	440366	14.30
13	A4D04	224817	7.70	917803	10.45	605290	14.32
14	A4D07	221406	7.69	830459	10.46	459959	14.30
15	A4BW8	222609	7.69	918831	10.46	549490	14.31
16	A4D38	204252	7.69	827615	10.46	554378	14.32
17	A4CD1	212964	7.70	826997	10.46	543188	14.32
18	A4CD1MS	222067	7.70	820676	10.46	503727	14.30
19	A4CD1MSD	223901	7.70	887153	10.47	554871	14.32
20	A4BW2	187091	7.70	708101	10.46	455445	14.31
21	SBLK886	199455	7.70	768805	10.45	464342	14.32
22	A4BW4	191235	7.70	746517	10.45	445756	14.30
23	A4BS0	233700	7.70	924019	10.46	608892	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020646 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 07:53

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 A4BS3	239155	7.69	926592	10.46	626629	14.30
25 A4BS4	261966	7.70	1.03911e	10.45	617050	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020686 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BP020955.D Time Analyzed: 12:12

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	160111	7.687	640894	10.45	394922	14.32
UPPER LIMIT	320222	8.187	1281788	10.946	789844	14.816
LOWER LIMIT	80055.5	7.187	320447	9.946	197461	13.816
EPA SAMPLE NO.						
01 SBLK886	157163	7.70	598878	10.45	389841	14.32
02 A4DN1	158492	7.70	648261	10.45	436460	14.32
03 A4DN1DL	169368	7.65	699472	10.41	472670	14.29
04 A4DN2	164383	7.67	669489	10.43	439923	14.30
05 A4DN2DL	162258	7.68	630913	10.44	381757	14.31
06 YDZC5	161301	7.68	609325	10.45	439652	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020687 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BP020962.D Time Analyzed: 18:08

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	164669	7.687	644431	10.46	380532	14.31
UPPER LIMIT	329338	8.187	1288862	10.957	761064	14.81
LOWER LIMIT	82334.5	7.187	322215.5	9.957	190266	13.81
EPA SAMPLE NO.						
01 SBLK022	174829	7.70	696654	10.45	430960	14.32
02 A4CB7	183812	7.69	736421	10.46	485864	14.31
03 A4CB7MS	204020	7.70	832574	10.46	549086	14.31
04 A4CB7MSD	205271	7.69	771219	10.46	438621	14.32
05 A4BW7	187160	7.70	737658	10.46	491971	14.32
06 A4BY0	170366	7.70	661870	10.46	440366	14.30
07 A4D04	224817	7.70	917803	10.45	605290	14.32
08 A4D07	221406	7.69	830459	10.46	459959	14.30
09 A4BW8	222609	7.69	918831	10.46	549490	14.31
10 A4D38	204252	7.69	827615	10.46	554378	14.32
11 A4CD1	212964	7.70	826997	10.46	543188	14.32
12 A4CD1MS	222067	7.70	820676	10.46	503727	14.30
13 A4CD1MSD	223901	7.70	887153	10.47	554871	14.32
14 A4BW2	187091	7.70	708101	10.46	455445	14.31

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.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020688 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BP020977.D Time Analyzed: 05:44

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	213868	7.693	855077	10.46	563642	14.31
UPPER LIMIT	427736	8.193	1710154	10.957	1127284	14.81
LOWER LIMIT	106934	7.193	427538.5	9.957	281821	13.81
EPA SAMPLE NO.						
01 SBLK886	199455	7.70	768805	10.45	464342	14.32
02 A4BW4	191235	7.70	746517	10.45	445756	14.30
03 A4BS0	233700	7.70	924019	10.46	608892	14.30
04 A4BS3	239155	7.69	926592	10.46	626629	14.30
05 A4BS4	261966	7.70	1.03911e	10.45	617050	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020646 Date Analyzed: Jul 15 2024 12:00AM

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

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	1.18434e+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	SBLK886	857078	17.12	923136	21.56	1.10207e+	24.84
02	A4DN1	968901	17.12	968218	21.57	1.19567e+	24.86
03	A4DN1DL	1.02939	17.10	991699	21.56	1.15606e+	24.85
04	A4DN2	935169	17.11	897872	21.57	1.07284e+	24.87
05	A4DN2DL	739399	17.12	737425	21.56	918948	24.86
06	YDZC5	808951	17.12	872780	21.57	1.10004e+	24.88
07	SBLK022	874909	17.12	815379	21.56	1.02039e+	24.85
08	A4CB7	1.03374	17.12	947658	21.56	1.1373e+0	24.86
09	A4CB7MS	1.1655e	17.13	1.0971e+0	21.56	1.32027e+	24.86
10	A4CB7MSD	852799	17.12	873109	21.56	1.07766e+	24.85
11	A4BW7	1.13187	17.13	1.20081e+	21.56	1.46672e+	24.86
12	A4BY0	956190	17.12	963827	21.56	1.17059e+	24.85
13	A4D04	1.29796	17.12	1.21434e+	21.57	1.4297e+0	24.86
14	A4D07	931547	17.13	987845	21.56	1.18812e+	24.85
15	A4BW8	949958	17.13	909307	21.56	1.15013e+	24.86
16	A4D38	1.21778	17.13	1.18343e+	21.55	1.40028e+	24.85
17	A4CD1	1.20187	17.12	1.21572e+	21.56	1.42929e+	24.86
18	A4CD1MS	1.02996	17.12	1.01708e+	21.56	1.24668e+	24.85
19	A4CD1MSD	1.14976	17.13	1.14984e+	21.57	1.42336e+	24.86
20	A4BW2	1.04601	17.12	1.11843e+	21.56	1.3146e+0	24.85
21	SBLK886	920314	17.12	966059	21.56	1.18087e+	24.85

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020646 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 06:27

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 A4BW4	917036	17.12	999562	21.55	1.17198e+	24.84
23 A4BS0	1.33544	17.12	1.3462e+0	21.55	1.63342e+	24.85
24 A4BS3	1.33156	17.12	1.38576e+	21.55	1.65224e+	24.85
25 A4BS4	1.18062	17.12	1.20476e+	21.56	1.48565e+	24.85

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020686 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BP020955.D Time Analyzed: 12:12

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	827977	17.116	874572	21.551	1.02081e+01	24.833
UPPER LIMIT	1655954	17.616	1749144	22.051	2041620	25.333
LOWER LIMIT	413988.5	16.616	437286	21.051	510405	24.333
EPA SAMPLE NO.						
01 SBLK886	857078	17.12	923136	21.56	1.10207e+	24.84
02 A4DN1	968901	17.12	968218	21.57	1.19567e+	24.86
03 A4DN1DL	1.02939	17.10	991699	21.56	1.15606e+	24.85
04 A4DN2	935169	17.11	897872	21.57	1.07284e+	24.87
05 A4DN2DL	739399	17.12	737425	21.56	918948	24.86
06 YDZC5	808951	17.12	872780	21.57	1.10004e+	24.88

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.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020687 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BP020962.D Time Analyzed: 18:08

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	718001	17.127	674025	21.563	838028	24.868
	UPPER LIMIT	1436002	17.627	1348050	22.063	1676056	25.368
	LOWER LIMIT	359000.5	16.627	337012.5	21.063	419014	24.368
	EPA SAMPLE NO.						
01	SBLK022	874909	17.12	815379	21.56	1.02039e+	24.85
02	A4CB7	1.03374	17.12	947658	21.56	1.1373e+0	24.86
03	A4CB7MS	1.1655e	17.13	1.0971e+0	21.56	1.32027e+	24.86
04	A4CB7MSD	852799	17.12	873109	21.56	1.07766e+	24.85
05	A4BW7	1.13187	17.13	1.20081e+	21.56	1.46672e+	24.86
06	A4BY0	956190	17.12	963827	21.56	1.17059e+	24.85
07	A4D04	1.29796	17.12	1.21434e+	21.57	1.4297e+0	24.86
08	A4D07	931547	17.13	987845	21.56	1.18812e+	24.85
09	A4BW8	949958	17.13	909307	21.56	1.15013e+	24.86
10	A4D38	1.21778	17.13	1.18343e+	21.55	1.40028e+	24.85
11	A4CD1	1.20187	17.12	1.21572e+	21.56	1.42929e+	24.86
12	A4CD1MS	1.02996	17.12	1.01708e+	21.56	1.24668e+	24.85
13	A4CD1MSD	1.14976	17.13	1.14984e+	21.57	1.42336e+	24.86
14	A4BW2	1.04601	17.12	1.11843e+	21.56	1.3146e+0	24.85

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071524 SAS No.: BP071524 SDG NO.: BP071524

EPA Sample No.: SSTD020688 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BP020977.D Time Analyzed: 05:44

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	1.20475e+01	17.128	1.19434e+01	21.557	1.40549e+01	24.839
UPPER LIMIT	2409500	17.628	2388680	22.057	2810980	25.339
LOWER LIMIT	602375	16.628	597170	21.057	702745	24.339
EPA SAMPLE NO.						
01 SBLK886	920314	17.12	966059	21.56	1.18087e+01	24.85
02 A4BW4	917036	17.12	999562	21.55	1.17198e+01	24.84
03 A4BS0	1.33544	17.12	1.3462e+01	21.55	1.63342e+01	24.85
04 A4BS3	1.33156	17.12	1.38576e+01	21.55	1.65224e+01	24.85
05 A4BS4	1.18062	17.12	1.20476e+01	21.56	1.48565e+01	24.85

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CB7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071524

SAS No.: BP071524 SDG NO.: BP071524

Lab File ID: BP020964.D

Lab Sample ID: P3087-01

Instrument ID: BNA_P

Date Extracted: 07/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 18:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CB7	P3087-01	BP020964.D	07/15/2024
A4CB7MS	P3087-02MS	BP020965.D	07/15/2024
A4CB7MSD	P3087-03MSD	BP020966.D	07/15/2024
A4DN1	P3087-26	BP020957.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK886

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071524

SAS No.: BP071524 SDG NO.: BP071524

Lab File ID: BP020956.D

Lab Sample ID: PB161886BL

Instrument ID: BNA_P

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 12:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BW4	P3100-07	BP020979.D	07/16/2024
A4BW7	P3100-09	BP020967.D	07/15/2024
A4BY0	P3100-14	BP020968.D	07/15/2024
A4D04	P3100-15	BP020969.D	07/15/2024
A4D07	P3100-16	BP020970.D	07/15/2024
A4BW8	P3100-10	BP020971.D	07/15/2024
A4D38	P3100-21	BP020972.D	07/16/2024
A4CD1	P3100-01	BP020973.D	07/16/2024
A4CD1MS	P3100-02MS	BP020974.D	07/16/2024
A4CD1MSD	P3100-03MSD	BP020975.D	07/16/2024
A4BW2	P3100-06	BP020976.D	07/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK022

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071524

SAS No.: BP071524 SDG NO.: BP071524

Lab File ID: BP020963.D

Lab Sample ID: PB162022BL

Instrument ID: BNA_P

Date Extracted: 07/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 18:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DN2	P3177-21	BP020959.D	07/15/2024
A4BS0	P3177-02	BP020980.D	07/16/2024
A4BS3	P3177-05	BP020981.D	07/16/2024
A4BS4	P3177-06	BP020982.D	07/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

YDZC5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071524

SAS No.: BP071524 SDG NO.: BP071524

Lab File ID: BP020961.D

Lab Sample ID: P3217-03

Instrument ID: BNA_P

Date Extracted: 07/12/2024

Matrix: (soil/water) Water

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 16:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZC5	P3217-03	BP020961.D	07/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3087-02MS	Client Sample ID:	A4CB7MS					DataFile:	BP020965.D		
1,4-Dioxane	690		380	ug/Kg	55				15	120	
Benzaldehyde	1700		660	ug/Kg	39				0	0	
Pyridine	1700		350	ug/Kg	21				0	0	
Phenol	1700		1100	ug/Kg	65				26	90	
Bis(2-chloroethyl)ether	1700		980	ug/Kg	58				0	0	
2-Chlorophenol	1700		1100	ug/Kg	65				25	102	
2-Methylphenol	1700		980	ug/Kg	58				0	0	
2,2-oxybis(1-Chloropropane)	1700		1000	ug/Kg	59				0	0	
Acetophenone	1700		1100	ug/Kg	65				0	0	
4-Methylphenol	1700		1000	ug/Kg	59				0	0	
N-Nitroso-di-n-propylamine	1700		1000	ug/Kg	59				41	126	
Hexachloroethane	1700		780	ug/Kg	46				0	0	
Nitrobenzene	1700		1100	ug/Kg	65				0	0	
Isophorone	1700		1000	ug/Kg	59				0	0	
2-Nitrophenol	1700		1100	ug/Kg	65				0	0	
2,4-Dimethylphenol	1700		480	ug/Kg	28				0	0	
Bis(2-chloroethoxy)methane	1700		1000	ug/Kg	59				0	0	
2,4-Dichlorophenol	1700		1200	ug/Kg	71				0	0	
Naphthalene	1700		1100	ug/Kg	65				0	0	
4-Chloroaniline	1700		660	ug/Kg	39				0	0	
Hexachlorobutadiene	1700		1100	ug/Kg	65				0	0	
Caprolactam	1700		1000	ug/Kg	59				0	0	
4-Chloro-3-methylphenol	1700		1200	ug/Kg	71				26	103	
1-Methylnaphthalene	1700		1100	ug/Kg	65				0	0	
2-Methylnaphthalene	1700		1100	ug/Kg	65				0	0	
Hexachlorocyclopentadiene	1700		420	ug/Kg	25				0	0	
2,4,6-Trichlorophenol	1700		1100	ug/Kg	65				0	0	
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
1,1'-Biphenyl	1700		1100	ug/Kg	65				0	0	
2-Chloronaphthalene	1700		1100	ug/Kg	65				0	0	
2-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Dimethylphthalate	1700		1100	ug/Kg	65				0	0	
2,6-Dinitrotoluene	1700		1200	ug/Kg	71				0	0	
Acenaphthylene	1700		1100	ug/Kg	65				0	0	
3-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Acenaphthene	1700	68	1200	ug/Kg	67				31	137	
2,4-Dinitrophenol	1700		1100	ug/Kg	65				0	0	
4-Nitrophenol	1700		1300	ug/Kg	76				11	114	
Dibenzofuran	1700		1200	ug/Kg	71				0	0	
2,4-Dinitrotoluene	1700		1300	ug/Kg	76				28	89	
Diethylphthalate	1700		1200	ug/Kg	71				0	0	
Fluorene	1700	71	1200	ug/Kg	66				0	0	
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
4-Nitroaniline	1700		1500	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	1700		1200	ug/Kg	71				0	0	
N-Nitrosodiphenylamine	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

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	1700		1100	ug/Kg	65				0	0	
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
Hexachlorobenzene	1700		930	ug/Kg	55				0	0	
Atrazine	1700		820	ug/Kg	48				0	0	
Pentachlorophenol	1700		910	ug/Kg	54				17	109	
Phenanthrene	1700	930	1800	ug/Kg	51				0	0	
Pentachlorobenzene	1700		950	ug/Kg	56				0	0	
Anthracene	1700	170	1200	ug/Kg	61				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
Carbazole	1700	98	1300	ug/Kg	71				0	0	
Di-n-butylphthalate	1700		1200	ug/Kg	71				0	0	
Fluoranthene	1700	1300	2000	ug/Kg	41				0	0	
Pyrene	1700	860	1500	ug/Kg	38				35	142	
Butylbenzylphthalate	1700		1100	ug/Kg	65				0	0	
3,3'-Dichlorobenzidine	1700		710	ug/Kg	42				0	0	
Benzo(a)anthracene	1700	580	1600	ug/Kg	60				0	0	
Chrysene	1700	680	1700	ug/Kg	60				0	0	
Bis(2-ethylhexyl)phthalate	1700	1100	1900	ug/Kg	47				0	0	
Di-n-octylphthalate	1700		1100	ug/Kg	65				0	0	
Benzo(b)fluoranthene	1700	810	1800	ug/Kg	58				0	0	
Benzo(k)fluoranthene	1700	300	1400	ug/Kg	65				0	0	
Benzo(a)pyrene	1700	290	810	ug/Kg	31				0	0	
Indeno(1,2,3-cd)pyrene	1700	230	1100	ug/Kg	51				0	0	
Dibenzo(a,h)anthracene	1700	100	1300	ug/Kg	71				0	0	
Benzo(g,h,i)perylene	1700		140	ug/Kg	8				0	0	
2,3,4,6-Tetrachlorophenol	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3087-03MSD	Client Sample ID:	A4CB7MSD					DataFile:	BP020966.D		
1,4-Dioxane	690		380	ug/Kg	55		0		15	120	50
Benzaldehyde	1700		660	ug/Kg	39		0		0	0	0
Pyridine	1700		340	ug/Kg	20		5	*	0	0	0
Phenol	1700		1000	ug/Kg	59		10		26	90	35
Bis(2-chloroethyl)ether	1700		990	ug/Kg	58		0		0	0	0
2-Chlorophenol	1700		1000	ug/Kg	59		10		25	102	50
2-Methylphenol	1700		930	ug/Kg	55		5	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		980	ug/Kg	58		2	*	0	0	0
Acetophenone	1700		1000	ug/Kg	59		10	*	0	0	0
4-Methylphenol	1700		970	ug/Kg	57		3	*	0	0	0
N-Nitroso-di-n-propylamine	1700		950	ug/Kg	56		5		41	126	38
Hexachloroethane	1700		800	ug/Kg	47		2	*	0	0	0
Nitrobenzene	1700		1100	ug/Kg	65		0		0	0	0
Isophorone	1700		1000	ug/Kg	59		0		0	0	0
2-Nitrophenol	1700		1200	ug/Kg	71		9	*	0	0	0
2,4-Dimethylphenol	1700		490	ug/Kg	29		4	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1000	ug/Kg	59		0		0	0	0
2,4-Dichlorophenol	1700		1100	ug/Kg	65		9	*	0	0	0
Naphthalene	1700		1100	ug/Kg	65		0		0	0	0
4-Chloroaniline	1700		610	ug/Kg	36		8	*	0	0	0
Hexachlorobutadiene	1700		1100	ug/Kg	65		0		0	0	0
Caprolactam	1700		860	ug/Kg	51		15	*	0	0	0
4-Chloro-3-methylphenol	1700		1000	ug/Kg	59		18		26	103	33
1-Methylnaphthalene	1700		1100	ug/Kg	65		0		0	0	0
2-Methylnaphthalene	1700		1100	ug/Kg	65		0		0	0	0
Hexachlorocyclopentadiene	1700		450	ug/Kg	26		4	*	0	0	0
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71		9	*	0	0	0
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71		0		0	0	0
1,1'-Biphenyl	1700		1200	ug/Kg	71		9	*	0	0	0
2-Chloronaphthalene	1700		1200	ug/Kg	71		9	*	0	0	0
2-Nitroaniline	1700		1200	ug/Kg	71		0		0	0	0
Dimethylphthalate	1700		1200	ug/Kg	71		9	*	0	0	0
2,6-Dinitrotoluene	1700		1100	ug/Kg	65		9	*	0	0	0
Acenaphthylene	1700		1100	ug/Kg	65		0		0	0	0
3-Nitroaniline	1700		1100	ug/Kg	65		9	*	0	0	0
Acenaphthene	1700	68	1200	ug/Kg	67		0		31	137	19
2,4-Dinitrophenol	1700		880	ug/Kg	52		22	*	0	0	0
4-Nitrophenol	1700		1000	ug/Kg	59		25		11	114	50
Dibenzofuran	1700		1200	ug/Kg	71		0		0	0	0
2,4-Dinitrotoluene	1700		1100	ug/Kg	65		16		28	89	47
Diethylphthalate	1700		1100	ug/Kg	65		9	*	0	0	0
Fluorene	1700	71	1200	ug/Kg	66		0		0	0	0
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65		0		0	0	0
4-Nitroaniline	1700		1300	ug/Kg	76		15	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		1100	ug/Kg	65		9	*	0	0	0
N-Nitrosodiphenylamine	1700		1200	ug/Kg	71		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

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	1700		1200	ug/Kg	71	9	*		0	0	0
4-Bromophenyl-phenylether	1700		1200	ug/Kg	71	9	*		0	0	0
Hexachlorobenzene	1700		940	ug/Kg	55	0			0	0	0
Atrazine	1700		790	ug/Kg	46	4	*		0	0	0
Pentachlorophenol	1700		920	ug/Kg	54	0			17	109	47
Phenanthrene	1700	930	1900	ug/Kg	57	11	*		0	0	0
Pentachlorobenzene	1700		1000	ug/Kg	59	5	*		0	0	0
Anthracene	1700	170	1300	ug/Kg	66	8	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1300	ug/Kg	76	16	*		0	0	0
Carbazole	1700	98	1300	ug/Kg	71	0			0	0	0
Di-n-butylphthalate	1700		1200	ug/Kg	71	0			0	0	0
Fluoranthene	1700	1300	1900	ug/Kg	35	16	*		0	0	0
Pyrene	1700	860	1500	ug/Kg	38	0			35	142	36
Butylbenzylphthalate	1700		1100	ug/Kg	65	0			0	0	0
3,3'-Dichlorobenzidine	1700		700	ug/Kg	41	2	*		0	0	0
Benzo(a)anthracene	1700	580	1700	ug/Kg	66	10	*		0	0	0
Chrysene	1700	680	1700	ug/Kg	60	0			0	0	0
Bis(2-ethylhexyl)phthalate	1700	1100	1900	ug/Kg	47	0			0	0	0
Di-n-octylphthalate	1700		1100	ug/Kg	65	0			0	0	0
Benzo(b)fluoranthene	1700	810	1700	ug/Kg	52	11	*		0	0	0
Benzo(k)fluoranthene	1700	300	1500	ug/Kg	71	9	*		0	0	0
Benzo(a)pyrene	1700	290	810	ug/Kg	31	0			0	0	0
Indeno(1,2,3-cd)pyrene	1700	230	1100	ug/Kg	51	0			0	0	0
Dibenzo(a,h)anthracene	1700	100	1300	ug/Kg	71	0			0	0	0
Benzo(g,h,i)perylene	1700		140	ug/Kg	8	0			0	0	0
2,3,4,6-Tetrachlorophenol	1700		1100	ug/Kg	65	0			0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3100-02MS	Client Sample ID:	A4CD1MS					DataFile:	BP020974.D		
1,4-Dioxane	590		540	ug/Kg	92				15	120	
Benzaldehyde	1500		920	ug/Kg	61				0	0	
Pyridine	1500		1200	ug/Kg	80				0	0	
Phenol	1500		1500	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93				0	0	
2-Chlorophenol	1500		1400	ug/Kg	93				25	102	
2-Methylphenol	1500		1400	ug/Kg	93				0	0	
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87				0	0	
Acetophenone	1500		1400	ug/Kg	93				0	0	
4-Methylphenol	1500		1400	ug/Kg	93				0	0	
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87				41	126	
Hexachloroethane	1500		1300	ug/Kg	87				0	0	
Nitrobenzene	1500		1500	ug/Kg	100				0	0	
Isophorone	1500		1400	ug/Kg	93				0	0	
2-Nitrophenol	1500		1600	ug/Kg	107				0	0	
2,4-Dimethylphenol	1500		1100	ug/Kg	73				0	0	
Bis(2-chloroethoxy)methane	1500		1500	ug/Kg	100				0	0	
2,4-Dichlorophenol	1500		1600	ug/Kg	107				0	0	
Naphthalene	1500		1500	ug/Kg	100				0	0	
4-Chloroaniline	1500		1200	ug/Kg	80				0	0	
Hexachlorobutadiene	1500		1500	ug/Kg	100				0	0	
Caprolactam	1500		1300	ug/Kg	87				0	0	
4-Chloro-3-methylphenol	1500		1500	ug/Kg	100				26	103	
1-Methylnaphthalene	1500		1500	ug/Kg	100				0	0	
2-Methylnaphthalene	1500		1500	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1500		1000	ug/Kg	67				0	0	
2,4,6-Trichlorophenol	1500		1500	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1500		1600	ug/Kg	107				0	0	
1,1'-Biphenyl	1500		1500	ug/Kg	100				0	0	
2-Chloronaphthalene	1500		1600	ug/Kg	107				0	0	
2-Nitroaniline	1500		1700	ug/Kg	113				0	0	
Dimethylphthalate	1500		1500	ug/Kg	100				0	0	
2,6-Dinitrotoluene	1500		1600	ug/Kg	107				0	0	
Acenaphthylene	1500		1500	ug/Kg	100				0	0	
3-Nitroaniline	1500		1800	ug/Kg	120				0	0	
Acenaphthene	1500		1500	ug/Kg	100				31	137	
2,4-Dinitrophenol	1500		1600	ug/Kg	107				0	0	
4-Nitrophenol	1500		1700	ug/Kg	113				11	114	
Dibenzofuran	1500		1600	ug/Kg	107				0	0	
2,4-Dinitrotoluene	1500		1700	ug/Kg	113	*			28	89	
Diethylphthalate	1500		1500	ug/Kg	100				0	0	
Fluorene	1500		1500	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	1500		1500	ug/Kg	100				0	0	
4-Nitroaniline	1500		2200	ug/Kg	147				0	0	
4,6-Dinitro-2-methylphenol	1500		1700	ug/Kg	113				0	0	
N-Nitrosodiphenylamine	1500		1500	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

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	1500		1600	ug/Kg	107				0	0	
4-Bromophenyl-phenylether	1500		1500	ug/Kg	100				0	0	
Hexachlorobenzene	1500		1500	ug/Kg	100				0	0	
Atrazine	1500		1000	ug/Kg	67				0	0	
Pentachlorophenol	1500		1400	ug/Kg	93				17	109	
Phenanthrene	1500		1600	ug/Kg	107				0	0	
Pentachlorobenzene	1500		1400	ug/Kg	93				0	0	
Anthracene	1500		1500	ug/Kg	100				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1600	ug/Kg	107				0	0	
Carbazole	1500		1700	ug/Kg	113				0	0	
Di-n-butylphthalate	1500		1600	ug/Kg	107				0	0	
Fluoranthene	1500		1400	ug/Kg	93				0	0	
Pyrene	1500		1400	ug/Kg	93				35	142	
Butylbenzylphthalate	1500		1400	ug/Kg	93				0	0	
3,3'-Dichlorobenzidine	1500		1500	ug/Kg	100				0	0	
Benzo(a)anthracene	1500		1600	ug/Kg	107				0	0	
Chrysene	1500		1600	ug/Kg	107				0	0	
Bis(2-ethylhexyl)phthalate	1500		1400	ug/Kg	93				0	0	
Di-n-octylphthalate	1500		1400	ug/Kg	93				0	0	
Benzo(b)fluoranthene	1500		1600	ug/Kg	107				0	0	
Benzo(k)fluoranthene	1500		1600	ug/Kg	107				0	0	
Benzo(a)pyrene	1500		1400	ug/Kg	93				0	0	
Indeno(1,2,3-cd)pyrene	1500		1600	ug/Kg	107				0	0	
Dibenzo(a,h)anthracene	1500		1600	ug/Kg	107				0	0	
Benzo(g,h,i)perylene	1500		1500	ug/Kg	100				0	0	
2,3,4,6-Tetrachlorophenol	1500		1500	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3100-03MSD	Client Sample ID:	A4CD1MSD					DataFile:	BP020975.D		
1,4-Dioxane	590		540	ug/Kg	92		0		15	120	50
Benzaldehyde	1500		920	ug/Kg	61		0		0	0	0
Pyridine	1500		1200	ug/Kg	80		0		0	0	0
Phenol	1500		1500	ug/Kg	100	*	0		26	90	35
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93		0		0	0	0
2-Chlorophenol	1500		1500	ug/Kg	100		7		25	102	50
2-Methylphenol	1500		1400	ug/Kg	93		0		0	0	0
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87		0		0	0	0
Acetophenone	1500		1400	ug/Kg	93		0		0	0	0
4-Methylphenol	1500		1400	ug/Kg	93		0		0	0	0
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87		0		41	126	38
Hexachloroethane	1500		1300	ug/Kg	87		0		0	0	0
Nitrobenzene	1500		1500	ug/Kg	100		0		0	0	0
Isophorone	1500		1400	ug/Kg	93		0		0	0	0
2-Nitrophenol	1500		1600	ug/Kg	107		0		0	0	0
2,4-Dimethylphenol	1500		1000	ug/Kg	67		9	*	0	0	0
Bis(2-chloroethoxy)methane	1500		1400	ug/Kg	93		7	*	0	0	0
2,4-Dichlorophenol	1500		1500	ug/Kg	100		7	*	0	0	0
Naphthalene	1500		1400	ug/Kg	93		7	*	0	0	0
4-Chloroaniline	1500		1200	ug/Kg	80		0		0	0	0
Hexachlorobutadiene	1500		1400	ug/Kg	93		7	*	0	0	0
Caprolactam	1500		1400	ug/Kg	93		7	*	0	0	0
4-Chloro-3-methylphenol	1500		1600	ug/Kg	107	*	7		26	103	33
1-Methylnaphthalene	1500		1500	ug/Kg	100		0		0	0	0
2-Methylnaphthalene	1500		1400	ug/Kg	93		7	*	0	0	0
Hexachlorocyclopentadiene	1500		910	ug/Kg	61		9	*	0	0	0
2,4,6-Trichlorophenol	1500		1500	ug/Kg	100		0		0	0	0
2,4,5-Trichlorophenol	1500		1600	ug/Kg	107		0		0	0	0
1,1'-Biphenyl	1500		1500	ug/Kg	100		0		0	0	0
2-Chloronaphthalene	1500		1500	ug/Kg	100		7	*	0	0	0
2-Nitroaniline	1500		1700	ug/Kg	113		0		0	0	0
Dimethylphthalate	1500		1500	ug/Kg	100		0		0	0	0
2,6-Dinitrotoluene	1500		1600	ug/Kg	107		0		0	0	0
Acenaphthylene	1500		1500	ug/Kg	100		0		0	0	0
3-Nitroaniline	1500		1800	ug/Kg	120		0		0	0	0
Acenaphthene	1500		1500	ug/Kg	100		0		31	137	19
2,4-Dinitrophenol	1500		1600	ug/Kg	107		0		0	0	0
4-Nitrophenol	1500		1700	ug/Kg	113		0		11	114	50
Dibenzofuran	1500		1500	ug/Kg	100		7	*	0	0	0
2,4-Dinitrotoluene	1500		1700	ug/Kg	113	*	0		28	89	47
Diethylphthalate	1500		1500	ug/Kg	100		0		0	0	0
Fluorene	1500		1500	ug/Kg	100		0		0	0	0
4-Chlorophenyl-phenylether	1500		1500	ug/Kg	100		0		0	0	0
4-Nitroaniline	1500		2200	ug/Kg	147		0		0	0	0
4,6-Dinitro-2-methylphenol	1500		1600	ug/Kg	107		5	*	0	0	0
N-Nitrosodiphenylamine	1500		1500	ug/Kg	100		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071524

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	1500		1500	ug/Kg	100	7	*		0	0	0
4-Bromophenyl-phenylether	1500		1500	ug/Kg	100	0			0	0	0
Hexachlorobenzene	1500		1500	ug/Kg	100	0			0	0	0
Atrazine	1500		1000	ug/Kg	67	0			0	0	0
Pentachlorophenol	1500		1300	ug/Kg	87	7			17	109	47
Phenanthrene	1500		1500	ug/Kg	100	7	*		0	0	0
Pentachlorobenzene	1500		1300	ug/Kg	87	7	*		0	0	0
Anthracene	1500		1500	ug/Kg	100	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1600	ug/Kg	107	0			0	0	0
Carbazole	1500		1700	ug/Kg	113	0			0	0	0
Di-n-butylphthalate	1500		1500	ug/Kg	100	7	*		0	0	0
Fluoranthene	1500		1300	ug/Kg	87	7	*		0	0	0
Pyrene	1500		1300	ug/Kg	87	7			35	142	36
Butylbenzylphthalate	1500		1300	ug/Kg	87	7	*		0	0	0
3,3'-Dichlorobenzidine	1500		1500	ug/Kg	100	0			0	0	0
Benzo(a)anthracene	1500		1500	ug/Kg	100	7	*		0	0	0
Chrysene	1500		1500	ug/Kg	100	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1300	ug/Kg	87	7	*		0	0	0
Di-n-octylphthalate	1500		1300	ug/Kg	87	7	*		0	0	0
Benzo(b)fluoranthene	1500		1500	ug/Kg	100	7	*		0	0	0
Benzo(k)fluoranthene	1500		1500	ug/Kg	100	7	*		0	0	0
Benzo(a)pyrene	1500		1400	ug/Kg	93	0			0	0	0
Indeno(1,2,3-cd)pyrene	1500		1500	ug/Kg	100	7	*		0	0	0
Dibenzo(a,h)anthracene	1500		1500	ug/Kg	100	7	*		0	0	0
Benzo(g,h,i)perylene	1500		1500	ug/Kg	100	0			0	0	0
2,3,4,6-Tetrachlorophenol	1500		1500	ug/Kg	100	0			0	0	0

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-01	A4CB7	BP020964.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Pyridine-d5	40	1.17	3	*	20	120
			Phenol-d5	40	26.10	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.68	67		10	150
			2-Chlorophenol-d4	40	27.17	68		15	120
			4-Methylphenol-d8	40	22.72	57		10	140
			Nitrobenzene-d5	40	28.44	71		10	135
			2-Nitrophenol-d4	40	28.67	72		10	120
			2,4-Dichlorophenol-d3	40	28.48	71		10	140
			4-Chloroaniline-d4	40	13.34	33		1	145
			Dimethylphthalate-d6	40	31.31	78		10	145
			Acenaphthylene-d8	40	30.41	76		15	120
			4-Nitrophenol-d4	40	27.06	68		10	150
			Fluorene-d10	40	33.16	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.71	64		10	130
			Anthracene-d10	40	31.15	78		10	150
			Pyrene-d10	40	25.49	64		10	130
			Benzo(a)pyrene-d12	40	20.14	50		10	140
P3087-02MS	A4CB7MS	BP020965.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	5.79	14	*	20	120
			Phenol-d5	40	20.55	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.13	50		10	150
			2-Chlorophenol-d4	40	20.78	52		15	120
			4-Methylphenol-d8	40	17.84	45		10	140
			Nitrobenzene-d5	40	22.42	56		10	135
			2-Nitrophenol-d4	40	22.40	56		10	120
			2,4-Dichlorophenol-d3	40	23.64	59		10	140
			4-Chloroaniline-d4	40	14.02	35		1	145
			Dimethylphthalate-d6	40	24.27	61		10	145
			Acenaphthylene-d8	40	23.61	59		15	120
			4-Nitrophenol-d4	40	25.86	65		10	150
			Fluorene-d10	40	25.33	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.65	59		10	130
			Anthracene-d10	40	24.20	61		10	150
			Pyrene-d10	40	20.08	50		10	130
			Benzo(a)pyrene-d12	40	16.45	41		10	140
P3087-03MSD	A4CB7MSD	BP020966.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	5.62	14	*	20	120
			Phenol-d5	40	19.63	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.78	52		10	150
			2-Chlorophenol-d4	40	20.63	52		15	120
			4-Methylphenol-d8	40	16.61	42		10	140
			Nitrobenzene-d5	40	23.23	58		10	135
			2-Nitrophenol-d4	40	23.00	58		10	120
			2,4-Dichlorophenol-d3	40	22.83	57		10	140
			4-Chloroaniline-d4	40	13.36	33		1	145
			Dimethylphthalate-d6	40	24.01	60		10	145
			Acenaphthylene-d8	40	24.20	60		15	120
			4-Nitrophenol-d4	40	21.20	53		10	150

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-03MSD	A4CB7MSD	BP020966.D	Fluorene-d10	40	24.10	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.87	55		10	130
			Anthracene-d10	40	24.24	61		10	150
			Pyrene-d10	40	19.67	49		10	130
			Benzo(a)pyrene-d12	40	16.74	42		10	140
P3087-26	A4DN1	BP020957.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	28.81	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.72	72		10	150
			2-Chlorophenol-d4	40	28.69	72		15	120
			4-Methylphenol-d8	40	25.42	64		10	140
			Nitrobenzene-d5	40	30.63	77		10	135
			2-Nitrophenol-d4	40	30.69	77		10	120
			2,4-Dichlorophenol-d3	40	35.72	89		10	140
			4-Chloroaniline-d4	40	16.28	41		1	145
			Dimethylphthalate-d6	40	35.77	89		10	145
			Acenaphthylene-d8	40	33.91	85		15	120
			4-Nitrophenol-d4	40	39.47	99		10	150
			Fluorene-d10	40	37.14	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.59	71		10	130
			Anthracene-d10	40	36.11	90		10	150
			Pyrene-d10	40	33.79	84		10	130
			Benzo(a)pyrene-d12	40	38.02	95		10	140
P3087-26DL	A4DN1DL	BP020958.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.84	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.37	73		10	150
			2-Chlorophenol-d4	40	29.61	74		15	120
			4-Methylphenol-d8	40	24.17	60		10	140
			Nitrobenzene-d5	40	29.81	75		10	135
			2-Nitrophenol-d4	40	27.94	70		10	120
			2,4-Dichlorophenol-d3	40	36.12	90		10	140
			4-Chloroaniline-d4	40	15.99	40		1	145
			Dimethylphthalate-d6	40	37.07	93		10	145
			Acenaphthylene-d8	40	34.97	87		15	120
			4-Nitrophenol-d4	40	33.70	84		10	150
			Fluorene-d10	40	39.65	99		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.21	51		10	130
			Anthracene-d10	40	38.22	96		10	150
			Pyrene-d10	40	36.42	91		10	130
			Benzo(a)pyrene-d12	40	40.28	101		10	140

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-01	A4CD1	BP020973.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	19.04	48		20	120
			Phenol-d5	40	22.88	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.21	58		10	150
			2-Chlorophenol-d4	40	23.78	59		15	120
			4-Methylphenol-d8	40	21.04	53		10	140
			Nitrobenzene-d5	40	25.54	64		10	135
			2-Nitrophenol-d4	40	26.06	65		10	120
			2,4-Dichlorophenol-d3	40	23.96	60		10	140
			4-Chloroaniline-d4	40	25.48	64		1	145
			Dimethylphthalate-d6	40	28.69	72		10	145
			Acenaphthylene-d8	40	27.86	70		15	120
			4-Nitrophenol-d4	40	27.68	69		10	150
			Fluorene-d10	40	29.79	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.61	54		10	130
			Anthracene-d10	40	29.46	74		10	150
			Pyrene-d10	40	26.25	66		10	130
			Benzo(a)pyrene-d12	40	29.63	74		10	140
P3100-02MS	A4CD1MS	BP020974.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Pyridine-d5	40	24.51	61		20	120
			Phenol-d5	40	30.36	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.49	76		10	150
			2-Chlorophenol-d4	40	31.32	78		15	120
			4-Methylphenol-d8	40	27.38	68		10	140
			Nitrobenzene-d5	40	34.85	87		10	135
			2-Nitrophenol-d4	40	35.78	89		10	120
			2,4-Dichlorophenol-d3	40	34.34	86		10	140
			4-Chloroaniline-d4	40	31.36	78		1	145
			Dimethylphthalate-d6	40	35.01	88		10	145
			Acenaphthylene-d8	40	35.68	89		15	120
			4-Nitrophenol-d4	40	37.49	94		10	150
			Fluorene-d10	40	35.64	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.84	87		10	130
			Anthracene-d10	40	35.78	89		10	150
			Pyrene-d10	40	31.85	80		10	130
			Benzo(a)pyrene-d12	40	36.67	92		10	140
P3100-03MSD	A4CD1MSD	BP020975.D	1,4-Dioxane-d8	8	5.32	67		15	120
			Pyridine-d5	40	23.67	59		20	120
			Phenol-d5	40	31.24	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.46	76		10	150
			2-Chlorophenol-d4	40	31.30	78		15	120
			4-Methylphenol-d8	40	28.21	71		10	140
			Nitrobenzene-d5	40	33.88	85		10	135
			2-Nitrophenol-d4	40	34.02	85		10	120
			2,4-Dichlorophenol-d3	40	33.98	85		10	140
			4-Chloroaniline-d4	40	30.55	76		1	145
			Dimethylphthalate-d6	40	34.53	86		10	145
			Acenaphthylene-d8	40	34.68	87		15	120
			4-Nitrophenol-d4	40	36.09	90		10	150

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-03MSD	A4CD1MSD	BP020975.D	Fluorene-d10	40	35.22	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.30	86		10	130
			Anthracene-d10	40	34.77	87		10	150
			Pyrene-d10	40	30.19	75		10	130
			Benzo(a)pyrene-d12	40	35.19	88		10	140
P3100-06	A4BW2	BP020976.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	18.76	47		20	120
			Phenol-d5	40	22.66	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.69	57		10	150
			2-Chlorophenol-d4	40	23.57	59		15	120
			4-Methylphenol-d8	40	22.48	56		10	140
			Nitrobenzene-d5	40	24.55	61		10	135
			2-Nitrophenol-d4	40	24.79	62		10	120
			2,4-Dichlorophenol-d3	40	22.86	57		10	140
			4-Chloroaniline-d4	40	23.41	59		1	145
			Dimethylphthalate-d6	40	25.60	64		10	145
			Acenaphthylene-d8	40	25.95	65		15	120
			4-Nitrophenol-d4	40	24.18	60		10	150
			Fluorene-d10	40	27.48	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.13	45		10	130
			Anthracene-d10	40	26.60	66		10	150
			Pyrene-d10	40	23.82	60		10	130
			Benzo(a)pyrene-d12	40	26.69	67		10	140
P3100-07	A4BW4	BP020979.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	22.14	55		20	120
			Phenol-d5	40	26.31	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.44	66		10	150
			2-Chlorophenol-d4	40	26.82	67		15	120
			4-Methylphenol-d8	40	26.00	65		10	140
			Nitrobenzene-d5	40	28.11	70		10	135
			2-Nitrophenol-d4	40	28.82	72		10	120
			2,4-Dichlorophenol-d3	40	26.72	67		10	140
			4-Chloroaniline-d4	40	22.86	57		1	145
			Dimethylphthalate-d6	40	30.01	75		10	145
			Acenaphthylene-d8	40	30.39	76		15	120
			4-Nitrophenol-d4	40	26.47	66		10	150
			Fluorene-d10	40	30.83	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.77	54		10	130
			Anthracene-d10	40	30.68	77		10	150
			Pyrene-d10	40	26.86	67		10	130
			Benzo(a)pyrene-d12	40	31.07	78		10	140
P3100-09	A4BW7	BP020967.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	16.63	42		20	120
			Phenol-d5	40	20.60	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.76	52		10	150
			2-Chlorophenol-d4	40	21.23	53		15	120
			4-Methylphenol-d8	40	20.36	51		10	140
			Nitrobenzene-d5	40	21.75	54		10	135
			2-Nitrophenol-d4	40	22.18	55		10	120

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-09	A4BW7	BP020967.D	2,4-Dichlorophenol-d3	40	21.51	54		10	140
			4-Chloroaniline-d4	40	22.52	56		1	145
			Dimethylphthalate-d6	40	24.39	61		10	145
			Acenaphthylene-d8	40	23.76	59		15	120
			4-Nitrophenol-d4	40	21.17	53		10	150
			Fluorene-d10	40	25.64	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.55	39		10	130
			Anthracene-d10	40	24.45	61		10	150
			Pyrene-d10	40	21.68	54		10	130
			Benzo(a)pyrene-d12	40	24.57	61		10	140
P3100-10	A4BW8	BP020971.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	1.35	3	*	20	120
			Phenol-d5	40	25.14	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.40	63		10	150
			2-Chlorophenol-d4	40	26.05	65		15	120
			4-Methylphenol-d8	40	25.45	64		10	140
			Nitrobenzene-d5	40	26.80	67		10	135
			2-Nitrophenol-d4	40	26.90	67		10	120
			2,4-Dichlorophenol-d3	40	26.06	65		10	140
			4-Chloroaniline-d4	40	7.88	20		1	145
			Dimethylphthalate-d6	40	27.78	69		10	145
			Acenaphthylene-d8	40	28.06	70		15	120
			4-Nitrophenol-d4	40	19.35	48		10	150
			Fluorene-d10	40	27.09	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.67	54		10	130
			Anthracene-d10	40	28.16	70		10	150
			Pyrene-d10	40	20.24	51		10	130
			Benzo(a)pyrene-d12	40	17.15	43		10	140
P3100-14	A4BY0	BP020968.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	1.95	5	*	20	120
			Phenol-d5	40	24.17	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.08	60		10	150
			2-Chlorophenol-d4	40	25.08	63		15	120
			4-Methylphenol-d8	40	22.28	56		10	140
			Nitrobenzene-d5	40	25.69	64		10	135
			2-Nitrophenol-d4	40	26.17	65		10	120
			2,4-Dichlorophenol-d3	40	24.82	62		10	140
			4-Chloroaniline-d4	40	16.47	41		1	145
			Dimethylphthalate-d6	40	28.00	70		10	145
			Acenaphthylene-d8	40	27.62	69		15	120
			4-Nitrophenol-d4	40	24.20	60		10	150
			Fluorene-d10	40	30.32	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.59	49		10	130
			Anthracene-d10	40	30.33	76		10	150
			Pyrene-d10	40	23.27	58		10	130
			Benzo(a)pyrene-d12	40	18.34	46		10	140
P3100-15	A4D04	BP020969.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	4.91	12	*	20	120
			Phenol-d5	40	28.94	72		10	130

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-15	A4D04	BP020969.D	Bis(2-Chloroethyl)ether-d8	40	29.00	73		10	150
			2-Chlorophenol-d4	40	29.95	75		15	120
			4-Methylphenol-d8	40	29.38	73		10	140
			Nitrobenzene-d5	40	30.46	76		10	135
			2-Nitrophenol-d4	40	30.81	77		10	120
			2,4-Dichlorophenol-d3	40	30.48	76		10	140
			4-Chloroaniline-d4	40	25.38	63		1	145
			Dimethylphthalate-d6	40	31.40	78		10	145
			Acenaphthylene-d8	40	31.47	79		15	120
			4-Nitrophenol-d4	40	27.33	68		10	150
			Fluorene-d10	40	32.62	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.22	58		10	130
			Anthracene-d10	40	31.49	79		10	150
			Pyrene-d10	40	24.85	62		10	130
			Benzo(a)pyrene-d12	40	20.83	52		10	140
P3100-16	A4D07	BP020970.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	1.10	3	*	20	120
			Phenol-d5	40	21.07	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.08	55		10	150
			2-Chlorophenol-d4	40	21.85	55		15	120
			4-Methylphenol-d8	40	19.87	50		10	140
			Nitrobenzene-d5	40	23.82	60		10	135
			2-Nitrophenol-d4	40	23.24	58		10	120
			2,4-Dichlorophenol-d3	40	20.95	52		10	140
			4-Chloroaniline-d4	40	7.45	19		1	145
			Dimethylphthalate-d6	40	23.98	60		10	145
			Acenaphthylene-d8	40	24.06	60		15	120
			4-Nitrophenol-d4	40	19.38	48		10	150
			Fluorene-d10	40	24.35	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.08	40		10	130
			Anthracene-d10	40	24.54	61		10	150
			Pyrene-d10	40	17.67	44		10	130
P3100-21	A4D38	BP020972.D	Benzo(a)pyrene-d12	40	14.81	37		10	140
			1,4-Dioxane-d8	8	3.72	47		15	120
			Pyridine-d5	40	16.19	40		20	120
			Phenol-d5	40	22.54	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.13	55		10	150
			2-Chlorophenol-d4	40	23.45	59		15	120
			4-Methylphenol-d8	40	22.38	56		10	140
			Nitrobenzene-d5	40	23.44	59		10	135
			2-Nitrophenol-d4	40	23.15	58		10	120
			2,4-Dichlorophenol-d3	40	22.80	57		10	140
			4-Chloroaniline-d4	40	8.81	22		1	145
			Dimethylphthalate-d6	40	23.88	60		10	145
			Acenaphthylene-d8	40	23.76	59		15	120
			4-Nitrophenol-d4	40	23.32	58		10	150
			Fluorene-d10	40	25.02	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.43	44		10	130
			Anthracene-d10	40	24.03	60		10	150

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-21	A4D38	BP020972.D	Pyrene-d10	40	21.65	54		10	130
			Benzo(a)pyrene-d12	40	23.60	59		10	140
PB161886BL	PB161886BL	BP020978.D	1,4-Dioxane-d8	8	5.96	75		15	120
			Pyridine-d5	40	27.35	68		20	120
		BP020956.D	Pyridine-d5	40	26.90	67		20	120
			1,4-Dioxane-d8	8	5.88	74		15	120
		BP020978.D	Phenol-d5	40	25.25	63		10	130
			Phenol-d5	40	26.53	66		10	130
		BP020956.D	Bis(2-Chloroethyl)ether-d8	40	27.14	68		10	150
			Bis(2-Chloroethyl)ether-d8	40	25.87	65		10	150
		BP020978.D	2-Chlorophenol-d4	40	26.29	66		15	120
			2-Chlorophenol-d4	40	27.47	69		15	120
		BP020956.D	4-Methylphenol-d8	40	25.81	65		10	140
			4-Methylphenol-d8	40	24.77	62		10	140
		BP020978.D	Nitrobenzene-d5	40	27.53	69		10	135
			Nitrobenzene-d5	40	28.43	71		10	135
		BP020956.D	2-Nitrophenol-d4	40	29.02	73		10	120
			2-Nitrophenol-d4	40	27.19	68		10	120
		BP020978.D	2,4-Dichlorophenol-d3	40	25.49	64		10	140
			2,4-Dichlorophenol-d3	40	26.19	65		10	140
		BP020956.D	4-Chloroaniline-d4	40	28.08	70		1	145
			4-Chloroaniline-d4	40	26.70	67		1	145
		BP020978.D	Dimethylphthalate-d6	40	30.05	75		10	145
			Dimethylphthalate-d6	40	28.67	72		10	145
		BP020956.D	Acenaphthylene-d8	40	29.06	73		15	120
			Acenaphthylene-d8	40	28.88	72		15	120
		BP020978.D	4-Nitrophenol-d4	40	27.95	70		10	150
			4-Nitrophenol-d4	40	23.86	60		10	150
		BP020956.D	Fluorene-d10	40	29.72	74		20	140
			Fluorene-d10	40	30.19	75		20	140
		BP020978.D	4,6-Dinitro-2-methylphenol-d2	40	23.71	59		10	130
			4,6-Dinitro-2-methylphenol-d2	40	22.62	57		10	130
		BP020956.D	Anthracene-d10	40	31.32	78		10	150
			Anthracene-d10	40	30.30	76		10	150
		BP020978.D	Pyrene-d10	40	26.00	65		10	130
			Pyrene-d10	40	25.92	65		10	130
		BP020956.D	Benzo(a)pyrene-d12	40	30.96	77		10	140
			Benzo(a)pyrene-d12	40	31.09	78		10	140

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3177-02	A4BS0	BP020980.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Pyridine-d5	40	0.73	2	*	20	120
			Phenol-d5	40	17.41	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.92	45		10	150
			2-Chlorophenol-d4	40	18.46	46		15	120
			4-Methylphenol-d8	40	17.26	43		10	140
			Nitrobenzene-d5	40	19.00	47		10	135
			2-Nitrophenol-d4	40	19.30	48		10	120
			2,4-Dichlorophenol-d3	40	19.25	48		10	140
			4-Chloroaniline-d4	40	15.01	38		1	145
			Dimethylphthalate-d6	40	20.99	52		10	145
			Acenaphthylene-d8	40	20.54	51		15	120
			4-Nitrophenol-d4	40	17.16	43		10	150
			Fluorene-d10	40	22.19	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.84	37		10	130
			Anthracene-d10	40	21.95	55		10	150
			Pyrene-d10	40	14.05	35		10	130
			Benzo(a)pyrene-d12	40	10.30	26		10	140
P3177-05	A4BS3	BP020981.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	0.62	2	*	20	120
			Phenol-d5	40	14.54	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.19	38		10	150
			2-Chlorophenol-d4	40	15.58	39		15	120
			4-Methylphenol-d8	40	13.34	33		10	140
			Nitrobenzene-d5	40	16.03	40		10	135
			2-Nitrophenol-d4	40	15.91	40		10	120
			2,4-Dichlorophenol-d3	40	15.58	39		10	140
			4-Chloroaniline-d4	40	12.35	31		1	145
			Dimethylphthalate-d6	40	17.31	43		10	145
			Acenaphthylene-d8	40	16.88	42		15	120
			4-Nitrophenol-d4	40	14.66	37		10	150
			Fluorene-d10	40	18.70	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.02	30		10	130
			Anthracene-d10	40	18.12	45		10	150
			Pyrene-d10	40	12.10	30		10	130
			Benzo(a)pyrene-d12	40	9.13	23		10	140
P3177-06	A4BS4	BP020982.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	14.83	37		20	120
			Phenol-d5	40	17.54	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.82	45		10	150
			2-Chlorophenol-d4	40	18.10	45		15	120
			4-Methylphenol-d8	40	17.68	44		10	140
			Nitrobenzene-d5	40	18.76	47		10	135
			2-Nitrophenol-d4	40	18.66	47		10	120
			2,4-Dichlorophenol-d3	40	17.94	45		10	140
			4-Chloroaniline-d4	40	18.61	47		1	145
			Dimethylphthalate-d6	40	20.86	52		10	145
			Acenaphthylene-d8	40	20.76	52		15	120
			4-Nitrophenol-d4	40	14.55	36		10	150

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3177-06	A4BS4	BP020982.D	Fluorene-d10	40	20.96	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.52	34		10	130
			Anthracene-d10	40	21.49	54		10	150
			Pyrene-d10	40	18.46	46		10	130
			Benzo(a)pyrene-d12	40	21.97	55		10	140
P3177-21	A4DN2	BP020959.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.41	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
			2-Chlorophenol-d4	40	21.41	54		15	120
			4-Methylphenol-d8	40	20.89	52		10	140
			Nitrobenzene-d5	40	21.51	54		10	135
			2-Nitrophenol-d4	40	21.84	55		10	120
			2,4-Dichlorophenol-d3	40	28.25	71		10	140
			4-Chloroaniline-d4	40	19.61	49		1	145
			Dimethylphthalate-d6	40	25.11	63		10	145
			Acenaphthylene-d8	40	24.99	62		15	120
			4-Nitrophenol-d4	40	25.12	63		10	150
			Fluorene-d10	40	26.61	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.73	52		10	130
			Anthracene-d10	40	26.52	66		10	150
			Pyrene-d10	40	23.24	58		10	130
			Benzo(a)pyrene-d12	40	25.89	65		10	140
P3177-21DL	A4DN2DL	BP020960.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.89	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		10	150
			2-Chlorophenol-d4	40	19.38	48		15	120
			4-Methylphenol-d8	40	16.24	41		10	140
			Nitrobenzene-d5	40	18.54	46		10	135
			2-Nitrophenol-d4	40	17.91	45		10	120
			2,4-Dichlorophenol-d3	40	25.20	63		10	140
			4-Chloroaniline-d4	40	16.56	41		1	145
			Dimethylphthalate-d6	40	22.74	57		10	145
			Acenaphthylene-d8	40	23.03	58		15	120
			4-Nitrophenol-d4	40	13.63	34		10	150
			Fluorene-d10	40	24.23	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.20	28		10	130
			Anthracene-d10	40	25.30	63		10	150
			Pyrene-d10	40	21.06	53		10	130
			Benzo(a)pyrene-d12	40	24.35	61		10	140
PB162022BL	PB162022BL	BP020963.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	28.37	71		20	120
			Phenol-d5	40	27.88	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.31	71		10	150
			2-Chlorophenol-d4	40	28.83	72		15	120
			4-Methylphenol-d8	40	27.48	69		10	140
			Nitrobenzene-d5	40	29.74	74		10	135
			2-Nitrophenol-d4	40	29.88	75		10	120



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

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162022BL	PB162022BL	BP020963.D	2,4-Dichlorophenol-d3	40	26.95	67		10	140
			4-Chloroaniline-d4	40	29.38	73		1	145
			Dimethylphthalate-d6	40	31.10	78		10	145
			Acenaphthylene-d8	40	31.33	78		15	120
			4-Nitrophenol-d4	40	25.72	64		10	150
			Fluorene-d10	40	31.84	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.20	60		10	130
			Anthracene-d10	40	32.39	81		10	150
			Pyrene-d10	40	29.06	73		10	130
			Benzo(a)pyrene-d12	40	32.22	81		10	140

Surrogate Summary

SW-846

SDG No.: BP071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3217-03	YDZC5	BP020961.D	Pyridine-d5	40	8.05	20		20	120
			1,4-Dioxane-d8	8	4.22	53		15	120
			Phenol-d5	40	10.73	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.98	32		25	120
			2-Chlorophenol-d4	40	15.94	40		20	130
			4-Methylphenol-d8	40	15.71	39		25	125
			Nitrobenzene-d5	40	13.64	34		20	125
			2-Nitrophenol-d4	40	13.01	33		20	130
			2,4-Dichlorophenol-d3	40	15.28	38		20	120
			4-Chloroaniline-d4	40	7.80	20		1	146
			Dimethylphthalate-d6	40	12.73	32		25	130
			Acenaphthylene-d8	40	12.23	31		10	130
			4-Nitrophenol-d4	40	14.24	36		10	150
			Fluorene-d10	40	13.17	33		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.36	26		10	130
			Anthracene-d10	40	14.74	37		25	130
			Pyrene-d10	40	12.22	31		15	130
			Benzo(a)pyrene-d12	40	13.70	34		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071524

Lab Code: CHEM

SAS No.: BP071524 SDG NO.: BP071524

Lab File ID: BP020954.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.1
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	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	19.2 (19.7) 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
SSTD020686	SSTDCCC020	BP020955.D	07/15/2024	11:28
SBLK886	PB161886BL	BP020956.D	07/15/2024	12:12
A4DN1	P3087-26	BP020957.D	07/15/2024	12:55
A4DN1DL	P3087-26DL	BP020958.D	07/15/2024	14:15
A4DN2	P3177-21	BP020959.D	07/15/2024	15:06
A4DN2DL	P3177-21DL	BP020960.D	07/15/2024	15:55
YDZC5	P3217-03	BP020961.D	07/15/2024	16:40
SSTD020687	SSTDCCC020	BP020962.D	07/15/2024	17:24
SBLK022	PB162022BL	BP020963.D	07/15/2024	18:08
A4CB7	P3087-01	BP020964.D	07/15/2024	18:53
A4CB7MS	P3087-02MS	BP020965.D	07/15/2024	19:37
A4CB7MSD	P3087-03MSD	BP020966.D	07/15/2024	20:20
A4BW7	P3100-09	BP020967.D	07/15/2024	21:04
A4BY0	P3100-14	BP020968.D	07/15/2024	21:48
A4D04	P3100-15	BP020969.D	07/15/2024	22:31
A4D07	P3100-16	BP020970.D	07/15/2024	23:15
A4BW8	P3100-10	BP020971.D	07/15/2024	23:58
A4D38	P3100-21	BP020972.D	07/16/2024	00:42

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071524

Lab Code: CHEM

SAS No.: BP071524

SDG NO.: BP071524

Lab File ID: BP020954.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.1
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	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	19.2 (19.7) 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
A4CD1	P3100-01	BP020973.D	07/16/2024	01:25
A4CD1MS	P3100-02MS	BP020974.D	07/16/2024	02:08
A4CD1MSD	P3100-03MSD	BP020975.D	07/16/2024	02:52
A4BW2	P3100-06	BP020976.D	07/16/2024	03:35
SSTD020688	SSTDCCC020	BP020977.D	07/16/2024	05:01
SBLK886	PB161886BL	BP020978.D	07/16/2024	05:44
A4BW4	P3100-07	BP020979.D	07/16/2024	06:27
A4BS0	P3177-02	BP020980.D	07/16/2024	07:10
A4BS3	P3177-05	BP020981.D	07/16/2024	07:53
A4BS4	P3177-06	BP020982.D	07/16/2024	08:36