

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:09:27

Lab File ID: BP020896.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020681 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	0.489	0.010	1.1292	40.0
Benzaldehyde	0.822	1.035	0.010	25.9566	40.0
Pyridine	1.312	1.319	0.010	0.5341	40.0
Phenol	1.650	1.652	0.080	0.0969	20.0
Bis(2-Chloroethyl)ether	1.363	1.413	0.100	3.6818	20.0
2-Chlorophenol	1.346	1.370	0.200	1.7191	20.0
2-Methylphenol	1.276	1.314	0.010	2.9964	20.0
2,2-oxybis(1-Chloropropane)	1.969	2.097	0.010	6.5062	40.0
Acetophenone	2.090	2.260	0.060	8.1393	20.0
4-Methylphenol	1.367	1.455	0.010	6.4545	20.0
N-Nitroso-di-n-propylamine	1.095	1.164	0.050	6.2944	30.0
Hexachloroethane	0.605	0.605	0.100	-0.071	20.0
Nitrobenzene	0.372	0.375	0.050	0.6826	25.0
Isophorone	0.740	0.735	0.050	-0.6015	25.0
2-Nitrophenol	0.185	0.185	0.050	-0.1884	25.0
2,4-Dimethylphenol	0.366	0.362	0.050	-1.013	25.0
Bis(2-Chloroethoxy)methane	0.450	0.446	0.050	-0.7296	20.0
2,4-Dichlorophenol	0.317	0.312	0.060	-1.5901	20.0
Naphthalene	1.052	1.027	0.200	-2.3469	20.0
4-Chloroaniline	0.407	0.417	0.010	2.5614	40.0
Hexachlorobutadiene	0.238	0.229	0.040	-3.4235	30.0
Caprolactam	0.098	0.105	0.010	7.3681	40.0
4-Chloro-3-methylphenol	0.344	0.351	0.040	1.8711	25.0
1-Methylnaphthalene	0.743	0.750	0.100	0.9395	20.0
2-Methylnaphthalene	0.722	0.724	0.100	0.2326	20.0
Hexachlorocyclopentadiene	0.340	0.294	0.010	-13.5898	40.0
2,4,6-Trichlorophenol	0.410	0.395	0.090	-3.6762	25.0
2,4,5-Trichlorophenol	0.434	0.427	0.100	-1.6142	25.0
1,1-Biphenyl	1.462	1.404	0.200	-3.9618	20.0
2-Chloronaphthalene	1.167	1.120	0.300	-4.0444	20.0
2-Nitroaniline	0.323	0.335	0.050	3.8204	40.0
Dimethylphthalate	1.475	1.473	0.300	-0.1397	20.0
2,6-Dinitrotoluene	0.295	0.303	0.080	2.8419	30.0
Acenaphthylene	1.848	1.804	0.400	-2.4007	20.0
3-Nitroaniline	0.257	0.279	0.010	8.6623	40.0
Acenaphthene	1.227	1.196	0.200	-2.4846	20.0
2,4-Dinitrophenol	0.155	0.148	0.010	-4.761	40.0
4-Nitrophenol	0.168	0.173	0.010	3.0351	40.0
Dibenzofuran	1.680	1.675	0.300	-0.2985	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124
Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:09:27
Lab File ID: BP020896.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020681 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	0.433	0.070	6.9856	30.0
Diethylphthalate	1.474	1.467	0.300	-0.4827	20.0
Fluorene	1.371	1.364	0.200	-0.5221	20.0
4-Chlorophenyl-phenylether	0.744	0.731	0.100	-1.7232	20.0
4-Nitroaniline	0.213	0.251	0.010	18.2614	40.0
4,6-Dinitro-2-methylphenol	0.128	0.126	0.010	-1.9669	40.0
N-Nitrosodiphenylamine	0.582	0.557	0.050	-4.4233	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.621	0.100	-4.415	20.0
4-Bromophenyl-phenylether	0.234	0.226	0.070	-3.452	20.0
Hexachlorobenzene	0.269	0.254	0.050	-5.3599	25.0
Atrazine	0.212	0.217	0.010	2.1454	25.0
Pentachlorophenol	0.146	0.143	0.010	-2.3799	40.0
Phenanthrene	1.038	1.034	0.200	-0.3064	20.0
Pentachlorobenzene	0.318	0.299	0.050	-5.9444	20.0
Anthracene	1.058	1.042	0.200	-1.4496	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.294	0.050	-8.2417	20.0
Carbazole	0.865	0.892	0.050	3.1553	40.0
Di-n-butylphthalate	1.193	1.208	0.500	1.2763	25.0
Fluoranthene	1.493	1.504	0.400	0.7084	25.0
Pyrene	1.520	1.531	0.400	0.736	25.0
Butylbenzylphthalate	0.633	0.635	0.100	0.3416	40.0
3,3-Dichlorobenzidine	0.457	0.439	0.010	-4.0215	40.0
Benzo (a) anthracene	1.401	1.349	0.300	-3.6794	30.0
Chrysene	1.302	1.253	0.200	-3.733	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.861	0.200	-5.4922	40.0
Di-n-octyl phthalate	1.321	1.483	0.010	12.2751	40.0
Benzo (b) fluoranthene	1.214	1.238	0.200	1.9987	25.0
Benzo (k) fluoranthene	1.211	1.236	0.200	2.0693	25.0
Benzo (a) pyrene	1.147	1.114	0.200	-2.8948	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.301	0.200	-11.9765	25.0
Dibenzo (a,h) anthracene	1.224	1.080	0.200	-11.7266	30.0
Benzo (g,h,i) perylene	1.204	1.050	0.200	-12.724	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.378	0.040	1.7205	20.0
1,4-Dioxane-d8	0.440	0.435	0.010	-0.9975	25.0
Pyridine-d5	1.272	1.288	0.010	1.2251	40.0
Phenol-d5	1.631	1.632	0.010	0.1052	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	1.036	0.050	4.8488	25.0
2-Chlorophenol-d4	1.343	1.372	0.200	2.1364	20.0
4-Methylphenol-d8	1.354	1.431	0.010	5.6339	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:09:27

Lab File ID: BP020896.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020681 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.155	0.050	-0.314	20.0
2-Nitrophenol-d4	0.178	0.178	0.050	0.348	30.0
2,4-Dichlorophenol-d3	0.322	0.318	0.060	-0.9452	20.0
4-Chloroaniline-d4	0.426	0.439	0.010	2.9751	40.0
Dimethylphthalate-d6	1.454	1.463	0.300	0.6083	20.0
Acenaphthylene-d8	1.633	1.607	0.400	-1.5659	20.0
4-Nitrophenol-d4	0.207	0.215	0.010	4.164	40.0
Fluorene-d10	1.193	1.220	0.100	2.2504	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.118	0.010	-2.0895	40.0
Anthracene-d10	0.888	0.895	0.300	0.7228	20.0
Pyrene-d10	1.236	1.257	0.300	1.6834	25.0
Benzo(a)pyrene-d12	0.986	0.953	0.010	-3.4278	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.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:20:20

Lab File ID: BP020910.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020682 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.481	0.010	-0.4187	40.0
Benzaldehyde	0.822	0.835	0.010	1.6343	40.0
Pyridine	1.312	1.241	0.010	-5.4136	40.0
Phenol	1.650	1.436	0.080	-12.9685	20.0
Bis(2-Chloroethyl)ether	1.363	1.225	0.100	-10.0925	20.0
2-Chlorophenol	1.346	1.252	0.200	-7.0369	20.0
2-Methylphenol	1.276	1.102	0.010	-13.6062	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.740	0.010	-11.6306	40.0
Acetophenone	2.090	1.776	0.060	-15.0396	20.0
4-Methylphenol	1.367	1.131	0.010	-17.2431	20.0
N-Nitroso-di-n-propylamine	1.095	0.873	0.050	-20.2789	30.0
Hexachloroethane	0.605	0.553	0.100	-8.6523	20.0
Nitrobenzene	0.372	0.350	0.050	-6.0381	25.0
Isophorone	0.740	0.632	0.050	-14.5933	25.0
2-Nitrophenol	0.185	0.173	0.050	-6.8929	25.0
2,4-Dimethylphenol	0.366	0.328	0.050	-10.1825	25.0
Bis(2-Chloroethoxy)methane	0.450	0.396	0.050	-11.858	20.0
2,4-Dichlorophenol	0.317	0.286	0.060	-9.6277	20.0
Naphthalene	1.052	0.972	0.200	-7.5624	20.0
4-Chloroaniline	0.407	0.362	0.010	-10.9973	40.0
Hexachlorobutadiene	0.238	0.229	0.040	-3.7627	30.0
Caprolactam	0.098	0.077	0.010	-21.4199	40.0
4-Chloro-3-methylphenol	0.344	0.282	0.040	-18.1367	25.0
1-Methylnaphthalene	0.743	0.639	0.100	-13.9836	20.0
2-Methylnaphthalene	0.722	0.619	0.100	-14.2464	20.0
Hexachlorocyclopentadiene	0.340	0.216	0.010	-36.4341	40.0
2,4,6-Trichlorophenol	0.410	0.382	0.090	-6.9917	25.0
2,4,5-Trichlorophenol	0.434	0.391	0.100	-9.942	25.0
1,1-Biphenyl	1.462	1.363	0.200	-6.7241	20.0
2-Chloronaphthalene	1.167	1.091	0.300	-6.4675	20.0
2-Nitroaniline	0.323	0.293	0.050	-9.2043	40.0
Dimethylphthalate	1.475	1.275	0.300	-13.5606	20.0
2,6-Dinitrotoluene	0.295	0.258	0.080	-12.622	30.0
Acenaphthylene	1.848	1.692	0.400	-8.4662	20.0
3-Nitroaniline	0.257	0.244	0.010	-4.7356	40.0
Acenaphthene	1.227	1.103	0.200	-10.1029	20.0
2,4-Dinitrophenol	0.155	0.117	0.010	-24.5989	40.0
4-Nitrophenol	0.168	0.155	0.010	-8.112	40.0
Dibenzofuran	1.680	1.502	0.300	-10.5753	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1: 20:20

Lab File ID: BP020910.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020682 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	0.362	0.070	-10.5693	30.0
Diethylphthalate	1.474	1.274	0.300	-13.6131	20.0
Fluorene	1.371	1.227	0.200	-10.5243	20.0
4-Chlorophenyl-phenylether	0.744	0.657	0.100	-11.7457	20.0
4-Nitroaniline	0.213	0.221	0.010	4.1945	40.0
4,6-Dinitro-2-methylphenol	0.128	0.105	0.010	-18.4568	40.0
N-Nitrosodiphenylamine	0.582	0.498	0.050	-14.4964	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.633	0.100	-2.5407	20.0
4-Bromophenyl-phenylether	0.234	0.200	0.070	-14.499	20.0
Hexachlorobenzene	0.269	0.232	0.050	-13.6173	25.0
Atrazine	0.212	0.194	0.010	-8.4866	25.0
Pentachlorophenol	0.146	0.124	0.010	-14.7977	40.0
Phenanthrene	1.038	0.946	0.200	-8.8136	20.0
Pentachlorobenzene	0.318	0.277	0.050	-13.0095	20.0
Anthracene	1.058	0.967	0.200	-8.6093	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.294	0.050	-8.0232	20.0
Carbazole	0.865	0.888	0.050	2.7138	40.0
Di-n-butylphthalate	1.193	1.108	0.500	-7.0775	25.0
Fluoranthene	1.493	1.129	0.400	-24.393	25.0
Pyrene	1.520	1.168	0.400	-23.1523	25.0
Butylbenzylphthalate	0.633	0.526	0.100	-16.9814	40.0
3,3-Dichlorobenzidine	0.457	0.422	0.010	-7.6718	40.0
Benzo (a) anthracene	1.401	1.253	0.300	-10.5804	30.0
Chrysene	1.302	1.167	0.200	-10.3933	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.757	0.200	-16.9234	40.0
Di-n-octyl phthalate	1.321	1.151	0.010	-12.869	40.0
Benzo (b) fluoranthene	1.214	1.094	0.200	-9.8645	25.0
Benzo (k) fluoranthene	1.211	1.096	0.200	-9.5011	25.0
Benzo (a) pyrene	1.147	1.052	0.200	-8.2378	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.334	0.200	-9.7158	25.0
Dibenzo (a,h) anthracene	1.224	1.089	0.200	-11.0098	30.0
Benzo (g,h,i) perylene	1.204	1.081	0.200	-10.1794	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.324	0.040	-12.7471	20.0
1,4-Dioxane-d8	0.440	0.430	0.010	-2.052	25.0
Pyridine-d5	1.272	1.213	0.010	-4.6589	40.0
Phenol-d5	1.631	1.440	0.010	-11.6996	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.887	0.050	-10.2637	25.0
2-Chlorophenol-d4	1.343	1.264	0.200	-5.9415	20.0
4-Methylphenol-d8	1.354	1.135	0.010	-16.1851	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124
 Instrument ID: BNA_P Calibration Date/Time: 7/11/2024 1:20:20
 Lab File ID: BP020910.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020682 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.148	0.050	-5.0205	20.0
2-Nitrophenol-d4	0.178	0.167	0.050	-5.8793	30.0
2,4-Dichlorophenol-d3	0.322	0.294	0.060	-8.6965	20.0
4-Chloroaniline-d4	0.426	0.379	0.010	-10.9195	40.0
Dimethylphthalate-d6	1.454	1.276	0.300	-12.2578	20.0
Acenaphthylene-d8	1.633	1.500	0.400	-8.1347	20.0
4-Nitrophenol-d4	0.207	0.186	0.010	-10.0398	40.0
Fluorene-d10	1.193	1.086	0.100	-8.9675	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.097	0.010	-19.5588	40.0
Anthracene-d10	0.888	0.824	0.300	-7.2498	20.0
Pyrene-d10	1.236	0.962	0.300	-22.211	25.0
Benzo(a)pyrene-d12	0.986	0.922	0.010	-6.4951	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.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/12/2024 1:07:52

Lab File ID: BP020925.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020683 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	0.449	0.010	-7.0433	40.0
Benzaldehyde	0.822	0.836	0.010	1.6503	40.0
Pyridine	1.312	1.226	0.010	-6.5888	40.0
Phenol	1.650	1.453	0.080	-11.956	20.0
Bis(2-Chloroethyl)ether	1.363	1.235	0.100	-9.4234	20.0
2-Chlorophenol	1.346	1.246	0.200	-7.4831	20.0
2-Methylphenol	1.276	1.129	0.010	-11.555	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.771	0.010	-10.0393	40.0
Acetophenone	2.090	1.792	0.060	-14.2697	20.0
4-Methylphenol	1.367	1.186	0.010	-13.2467	20.0
N-Nitroso-di-n-propylamine	1.095	0.914	0.050	-16.5305	30.0
Hexachloroethane	0.605	0.558	0.100	-7.8155	20.0
Nitrobenzene	0.372	0.345	0.050	-7.2607	25.0
Isophorone	0.740	0.637	0.050	-13.9504	25.0
2-Nitrophenol	0.185	0.173	0.050	-6.9415	25.0
2,4-Dimethylphenol	0.366	0.332	0.050	-9.1382	25.0
Bis(2-Chloroethoxy)methane	0.450	0.398	0.050	-11.429	20.0
2,4-Dichlorophenol	0.317	0.289	0.060	-8.702	20.0
Naphthalene	1.052	0.957	0.200	-9.0451	20.0
4-Chloroaniline	0.407	0.368	0.010	-9.5225	40.0
Hexachlorobutadiene	0.238	0.220	0.040	-7.2583	30.0
Caprolactam	0.098	0.082	0.010	-16.0052	40.0
4-Chloro-3-methylphenol	0.344	0.300	0.040	-12.9463	25.0
1-Methylnaphthalene	0.743	0.657	0.100	-11.5106	20.0
2-Methylnaphthalene	0.722	0.633	0.100	-12.3702	20.0
Hexachlorocyclopentadiene	0.340	0.224	0.010	-34.0688	40.0
2,4,6-Trichlorophenol	0.410	0.378	0.090	-7.9589	25.0
2,4,5-Trichlorophenol	0.434	0.402	0.100	-7.4284	25.0
1,1-Biphenyl	1.462	1.332	0.200	-8.8512	20.0
2-Chloronaphthalene	1.167	1.071	0.300	-8.2146	20.0
2-Nitroaniline	0.323	0.303	0.050	-6.1826	40.0
Dimethylphthalate	1.475	1.329	0.300	-9.8974	20.0
2,6-Dinitrotoluene	0.295	0.264	0.080	-10.4087	30.0
Acenaphthylene	1.848	1.678	0.400	-9.2253	20.0
3-Nitroaniline	0.257	0.264	0.010	2.744	40.0
Acenaphthene	1.227	1.109	0.200	-9.6392	20.0
2,4-Dinitrophenol	0.155	0.117	0.010	-24.2317	40.0
4-Nitrophenol	0.168	0.163	0.010	-3.4198	40.0
Dibenzofuran	1.680	1.513	0.300	-9.9182	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124

Instrument ID: BNA_P Calibration Date/Time: 7/12/2024 1:07:52

Lab File ID: BP020925.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020683 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	0.390	0.070	-3.7329	30.0
Diethylphthalate	1.474	1.340	0.300	-9.1289	20.0
Fluorene	1.371	1.249	0.200	-8.8831	20.0
4-Chlorophenyl-phenylether	0.744	0.670	0.100	-9.8734	20.0
4-Nitroaniline	0.213	0.247	0.010	16.308	40.0
4,6-Dinitro-2-methylphenol	0.128	0.102	0.010	-20.4132	40.0
N-Nitrosodiphenylamine	0.582	0.495	0.050	-15.0869	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.613	0.100	-5.5456	20.0
4-Bromophenyl-phenylether	0.234	0.200	0.070	-14.5009	20.0
Hexachlorobenzene	0.269	0.235	0.050	-12.6497	25.0
Atrazine	0.212	0.196	0.010	-7.8601	25.0
Pentachlorophenol	0.146	0.126	0.010	-13.9607	40.0
Phenanthrene	1.038	0.931	0.200	-10.2672	20.0
Pentachlorobenzene	0.318	0.274	0.050	-13.9451	20.0
Anthracene	1.058	0.952	0.200	-9.9664	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.279	0.050	-12.7146	20.0
Carbazole	0.865	0.844	0.050	-2.3539	40.0
Di-n-butylphthalate	1.193	1.109	0.500	-7.033	25.0
Fluoranthene	1.493	1.168	0.400	-21.771	25.0
Pyrene	1.520	1.213	0.400	-20.2011	25.0
Butylbenzylphthalate	0.633	0.538	0.100	-15.0141	40.0
3,3-Dichlorobenzidine	0.457	0.405	0.010	-11.4288	40.0
Benzo (a) anthracene	1.401	1.255	0.300	-10.4149	30.0
Chrysene	1.302	1.153	0.200	-11.4033	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.796	0.200	-12.6726	40.0
Di-n-octyl phthalate	1.321	1.203	0.010	-8.914	40.0
Benzo (b) fluoranthene	1.214	1.109	0.200	-8.6002	25.0
Benzo (k) fluoranthene	1.211	1.116	0.200	-7.8524	25.0
Benzo (a) pyrene	1.147	1.057	0.200	-7.8465	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.330	0.200	-10.0022	25.0
Dibenzo (a,h) anthracene	1.224	1.121	0.200	-8.3701	30.0
Benzo (g,h,i) perylene	1.204	1.068	0.200	-11.2637	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.338	0.040	-9.2218	20.0
1,4-Dioxane-d8	0.440	0.419	0.010	-4.6195	25.0
Pyridine-d5	1.272	1.164	0.010	-8.4997	40.0
Phenol-d5	1.631	1.463	0.010	-10.2464	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.901	0.050	-8.8488	25.0
2-Chlorophenol-d4	1.343	1.257	0.200	-6.4148	20.0
4-Methylphenol-d8	1.354	1.176	0.010	-13.1901	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG No.: BP071124
Instrument ID: BNA_P Calibration Date/Time: 7/12/2024 1:07:52
Lab File ID: BP020925.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020683 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.147	0.050	-5.5845	20.0
2-Nitrophenol-d4	0.178	0.162	0.050	-8.6311	30.0
2,4-Dichlorophenol-d3	0.322	0.296	0.060	-7.9648	20.0
4-Chloroaniline-d4	0.426	0.387	0.010	-9.084	40.0
Dimethylphthalate-d6	1.454	1.316	0.300	-9.5142	20.0
Acenaphthylene-d8	1.633	1.512	0.400	-7.3768	20.0
4-Nitrophenol-d4	0.207	0.201	0.010	-2.6911	40.0
Fluorene-d10	1.193	1.114	0.100	-6.6177	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.097	0.010	-19.7827	40.0
Anthracene-d10	0.888	0.827	0.300	-6.9536	20.0
Pyrene-d10	1.236	0.983	0.300	-20.4612	25.0
Benzo(a)pyrene-d12	0.986	0.924	0.010	-6.3531	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK907	SDG No.:	BP071124
Lab Sample ID:	PB161907BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020897.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK907	SDG No.:	BP071124
Lab Sample ID:	PB161907BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020897.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK907	SDG No.:	BP071124
Lab Sample ID:	PB161907BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020897.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.077		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	23.279		20-120		58	SPK: -40
4165-62-2	Phenol-d5	24.165		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.711		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.534		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.005		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.168		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.644		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.867		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.213		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.246		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	24.604		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.997		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.492		25-125		66	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:	SBLK907	SDG No.:	BP071124
Lab Sample ID:	PB161907BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020897.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.39		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.205		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	27.018		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.691		20-130		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250042	7.716				
1146-65-2	Naphthalene-d8	1135242	10.487				
15067-26-2	Acenaphthene-d10	801298	14.351				
1517-22-2	Phenanthrene-d10	1704669	17.175				
1719-03-5	Chrysene-d12	1266296	21.628				
1520-96-3	Perylene-d12	1254946	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	YDZJ3	SDG No.:	BP071124
Lab Sample ID:	P3137-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020898.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZJ3	SDG No.:	BP071124
Lab Sample ID:	P3137-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020898.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZJ3	SDG No.:	BP071124
Lab Sample ID:	P3137-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020898.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.402		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	16.3		20-120		41	SPK: -40
4165-62-2	Phenol-d5	16.999		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.663		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.886		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.499		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	29.934		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.531		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.426		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.17		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.556		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	32.77		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.365		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	34.597		25-125		86	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:	YDZJ3	SDG No.:	BP071124
Lab Sample ID:	P3137-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020898.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.229		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	36.664		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	36.169		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.752		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183042	7.716				
1146-65-2	Naphthalene-d8	786024	10.493				
15067-26-2	Acenaphthene-d10	538177	14.351				
1517-22-2	Phenanthrene-d10	1084693	17.175				
1719-03-5	Chrysene-d12	876631	21.627				
1520-96-3	Perylene-d12	1017511	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.8	J			18.11	
077899-03-7	1-Heneicosyl formate	3.1	J			21.292	
E966796	Total Alkanes	1.1	U			99	ug/L

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:	YDZJ4	SDG No.:	BP071124
Lab Sample ID:	P3137-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020899.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZJ4	SDG No.:	BP071124
Lab Sample ID:	P3137-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020899.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZJ4	SDG No.:	BP071124
Lab Sample ID:	P3137-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020899.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.9	U	1.9	2.6	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.2	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.2	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	5.2	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.253		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	12.029		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.103		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.94		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.469		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.744		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.442		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.515		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.322		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.021		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.849		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.484		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.794		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	32.2		25-125		81	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:	YDZJ4	SDG No.:	BP071124
Lab Sample ID:	P3137-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020899.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.27		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	33.582		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	31.035		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.478		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200863	7.722				
1146-65-2	Naphthalene-d8	848615	10.487				
15067-26-2	Acenaphthene-d10	555667	14.351				
1517-22-2	Phenanthrene-d10	1122842	17.169				
1719-03-5	Chrysene-d12	944892	21.622				
1520-96-3	Perylene-d12	1119563	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
924664-21-1	N-[2-(4-Methoxyphenyl)ethyl]-3-met	2.2	J			16.416	
000057-10-3	n-Hexadecanoic acid	4.8	J			18.098	
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	2.2	J			18.322	
	unknown-01	2.3	J			18.545	
	unknown-02	4.1	J			19.01	
000057-11-4	Octadecanoic acid	5.7	J			19.439	
1000307-01-4	Benzamide, N-(3-methylphenyl)-4-et	3.6	J			20.239	
	(DEL) Alkane: Straight-Chain21.286	3.9	J			21.286	
E966796	Total Alkanes	3.9				99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF7	SDG No.:	BP071124
Lab Sample ID:	P3138-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020900.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF7	SDG No.:	BP071124
Lab Sample ID:	P3138-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020900.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF7	SDG No.:	BP071124
Lab Sample ID:	P3138-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020900.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.076		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	8.416		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.651		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.9		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.496		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.148		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.628		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.639		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.469		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.919		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.242		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.896		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.465		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	31.268		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF7	SDG No.:	BP071124
Lab Sample ID:	P3138-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020900.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.714		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	33.592		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.534		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.426		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233303	7.716				
1146-65-2	Naphthalene-d8	1024095	10.487				
15067-26-2	Acenaphthene-d10	702315	14.351				
1517-22-2	Phenanthrene-d10	1386122	17.163				
1719-03-5	Chrysene-d12	990267	21.615				
1520-96-3	Perylene-d12	1110234	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	SLCS907	SDG No.:	BP071124
Lab Sample ID:	PB161907BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020901.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS907	SDG No.:	BP071124
Lab Sample ID:	PB161907BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020901.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.2	2.5	5	ug/L
1912-24-9	Atrazine	7.6	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.9	5	10	ug/L
85-01-8	Phenanthrene	31		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.7	2.5	5	ug/L
120-12-7	Anthracene	30		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L

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:	SLCS907	SDG No.:	BP071124
Lab Sample ID:	PB161907BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020901.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.1	2.5	5	ug/L
218-01-9	Chrysene	31		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	28.563		20-120		71	SPK: -40
17647-74-4	1,4-Dioxane-d8	6.99		15-120		87	SPK: -8
4165-62-2	Phenol-d5	32.484		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.138		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.499		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	32.285		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	31.637		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.936		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.739		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.427		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.408		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.29		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.225		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	31.755		25-125		79	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:	SLCS907	SDG No.:	BP071124
Lab Sample ID:	PB161907BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020901.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161907

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.931		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	31.347		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	34.983		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.789		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230714	7.716				
1146-65-2	Naphthalene-d8	1030248	10.487				
15067-26-2	Acenaphthene-d10	692291	14.351				
1517-22-2	Phenanthrene-d10	1362238	17.175				
1719-03-5	Chrysene-d12	896995	21.627				
1520-96-3	Perylene-d12	1006778	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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:	A4CC5	SDG No.:	BP071124
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020902.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	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:	A4CC5	SDG No.:	BP071124
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020902.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	41	J	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	66	J	65	100	210	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:	A4CC5	SDG No.:	BP071124
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020902.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	J	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	23.611		20-120		59	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.762		15-120		60	SPK: -8
4165-62-2	Phenol-d5	28.791		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.414		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.16		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	29.612		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	29.934		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.458		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.033		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.097		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.526		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.393		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.038		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	33.642		20-140		84	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:	A4CC5	SDG No.:	BP071124
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020902.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.378		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	34.222		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	30.33		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.248		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209944	7.716				
1146-65-2	Naphthalene-d8	871595	10.493				
15067-26-2	Acenaphthene-d10	567452	14.357				
1517-22-2	Phenanthrene-d10	1107620	17.169				
1719-03-5	Chrysene-d12	998655	21.627				
1520-96-3	Perylene-d12	1167443	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	120	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.246	
000057-10-3	n-Hexadecanoic acid	160	J			18.104	
018206-97-8	Octacosyl acetate	120	J			21.298	
E966796	Total Alkanes	29	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:	A4CC5MS	SDG No.:	BP071124
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020903.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		13	8	81	ug/Kg
100-52-7	Benzaldehyde	930		55	100	400	ug/Kg
110-86-1	Pyridine	1200		40	200	400	ug/Kg
108-95-2	Phenol	1500		52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		49	100	400	ug/Kg
95-57-8	2-Chlorophenol	1500		28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	1400		47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		73	100	400	ug/Kg
98-86-2	Acetophenone	1500		49	100	400	ug/Kg
106-44-5	4-Methylphenol	1500		45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	1400		22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	1400		38	51.5	210	ug/Kg
78-59-1	Isophorone	1400		58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	1500		38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		19	51.5	210	ug/Kg
91-20-3	Naphthalene	1400		30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	1100		29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	1400		53	51.5	210	ug/Kg
105-60-2	Caprolactam	1200		87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	1400		40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		47	51.5	210	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:	A4CC5MS	SDG No.:	BP071124
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020903.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	1500		50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	1400		35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	1300		39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	1500		53	100	400	ug/Kg
83-32-9	Acenaphthene	1300		35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		58	100	400	ug/Kg
100-02-7	4-Nitrophenol	1400		53	100	400	ug/Kg
132-64-9	Dibenzofuran	1400		39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	1300		36	51.5	210	ug/Kg
86-73-7	Fluorene	1300		30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	1600		38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		39	51.5	210	ug/Kg
1912-24-9	Atrazine	940		86	100	400	ug/Kg
87-86-5	Pentachlorophenol	1300		90	100	400	ug/Kg
85-01-8	Phenanthrene	1400		35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		63	51.5	210	ug/Kg
120-12-7	Anthracene	1400		30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		61	51.5	210	ug/Kg
86-74-8	Carbazole	1400		34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1300		74	51.5	210	ug/Kg
206-44-0	Fluoranthene	1400		65	100	210	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:	A4CC5MS	SDG No.:	BP071124
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020903.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	1300		100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1400		33	51.5	210	ug/Kg
218-01-9	Chrysene	1400		38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.176		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	21.704		20-120		54	SPK: -40
4165-62-2	Phenol-d5	28.176		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.056		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.187		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.674		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.166		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.325		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.801		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.438		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.224		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.52		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.626		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	27.33		20-140		68	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:	A4CC5MS	SDG No.:	BP071124
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020903.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.473		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	27.581		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	27.397		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.774		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	272086	7.716				
1146-65-2	Naphthalene-d8	1180027	10.487				
15067-26-2	Acenaphthene-d10	769853	14.357				
1517-22-2	Phenanthrene-d10	1401088	17.169				
1719-03-5	Chrysene-d12	982487	21.633				
1520-96-3	Perylene-d12	1217044	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	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:	A4CC5MSD	SDG No.:	BP071124
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020904.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	580		13	8	81	ug/Kg
100-52-7	Benzaldehyde	960		55	100	400	ug/Kg
110-86-1	Pyridine	1300		40	200	400	ug/Kg
108-95-2	Phenol	1600		52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		49	100	400	ug/Kg
95-57-8	2-Chlorophenol	1600		28	51.6	210	ug/Kg
95-48-7	2-Methylphenol	1500		47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		73	100	400	ug/Kg
98-86-2	Acetophenone	1500		49	100	400	ug/Kg
106-44-5	4-Methylphenol	1500		45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		62	51.6	210	ug/Kg
67-72-1	Hexachloroethane	1500		22	51.6	210	ug/Kg
98-95-3	Nitrobenzene	1500		38	51.6	210	ug/Kg
78-59-1	Isophorone	1500		58	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	1600		38	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		30	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		52	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		19	51.6	210	ug/Kg
91-20-3	Naphthalene	1500		30	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	1200		29	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	1500		53	51.6	210	ug/Kg
105-60-2	Caprolactam	1300		87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		59	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		40	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	1500		28	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		59	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		47	51.6	210	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:	A4CC5MSD	SDG No.:	BP071124
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020904.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		29	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	1600		32	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	1700		50	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	1600		35	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		53	51.6	210	ug/Kg
208-96-8	Acenaphthylene	1500		39	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	1700		53	100	400	ug/Kg
83-32-9	Acenaphthene	1500		35	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		58	100	400	ug/Kg
100-02-7	4-Nitrophenol	1700		53	100	400	ug/Kg
132-64-9	Dibenzofuran	1500		39	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		52	51.6	210	ug/Kg
84-66-2	Diethylphthalate	1500		36	51.6	210	ug/Kg
86-73-7	Fluorene	1500		30	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		24	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	2000		38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		40	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		29	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		35	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1600		39	51.6	210	ug/Kg
1912-24-9	Atrazine	1100		86	100	400	ug/Kg
87-86-5	Pentachlorophenol	1500		90	100	400	ug/Kg
85-01-8	Phenanthrene	1600		35	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		63	51.6	210	ug/Kg
120-12-7	Anthracene	1500		30	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		61	51.6	210	ug/Kg
86-74-8	Carbazole	1700		34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1600		74	51.6	210	ug/Kg
206-44-0	Fluoranthene	1400		66	100	210	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:	A4CC5MSD	SDG No.:	BP071124
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020904.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		59	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		100	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1600		33	51.6	210	ug/Kg
218-01-9	Chrysene	1600		38	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		120	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		40	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		46	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		39	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		38	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		34	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		32	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		40	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.065		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.42		20-120		61	SPK: -40
4165-62-2	Phenol-d5	30.478		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.679		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.964		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.286		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.195		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.911		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.143		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.583		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.782		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.45		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.995		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	32.477		20-140		81	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:	A4CC5MSD	SDG No.:	BP071124
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020904.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.02		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	32.698		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	29.14		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.096		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226253	7.716				
1146-65-2	Naphthalene-d8	918529	10.487				
15067-26-2	Acenaphthene-d10	573971	14.357				
1517-22-2	Phenanthrene-d10	1139399	17.169				
1719-03-5	Chrysene-d12	1041367	21.622				
1520-96-3	Perylene-d12	1277852	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	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:	A4BR4	SDG No.:	BP071124
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020905.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10	100	ug/Kg
100-52-7	Benzaldehyde	68	U	68	130	500	ug/Kg
110-86-1	Pyridine	50	U	50	250	500	ug/Kg
108-95-2	Phenol	65	U	65	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	64.6	260	ug/Kg
95-48-7	2-Methylphenol	59	U	59	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	91	U	91	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	64.6	260	ug/Kg
67-72-1	Hexachloroethane	27	U	27	64.6	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	64.6	260	ug/Kg
78-59-1	Isophorone	73	U	73	64.6	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	64.6	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	64.6	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	64.6	260	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	64.6	260	ug/Kg
91-20-3	Naphthalene	38	U	38	64.6	260	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	64.6	500	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	64.6	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	74	U	74	64.6	260	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	64.6	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	64.6	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	64.6	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	64.6	260	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:	A4BR4	SDG No.:	BP071124
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020905.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	64.6	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	64.6	260	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	64.6	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	64.6	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	67	U	67	64.6	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	64.6	260	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	130	500	ug/Kg
83-32-9	Acenaphthene	44	U	44	64.6	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	64.6	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	64.6	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	64.6	260	ug/Kg
86-73-7	Fluorene	38	U	38	64.6	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	64.6	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	64.6	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	64.6	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	64.6	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	64.6	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	44	U	44	64.6	260	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	64.6	260	ug/Kg
120-12-7	Anthracene	38	U	38	64.6	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	76	U	76	64.6	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	64.6	260	ug/Kg
206-44-0	Fluoranthene	82	U	82	130	260	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:	A4BR4	SDG No.:	BP071124
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020905.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	74	U	74	64.6	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	64.6	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	64.6	260	ug/Kg
218-01-9	Chrysene	47	U	47	64.6	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	64.6	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	64.6	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	64.6	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	64.6	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	64.6	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	64.6	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	64.6	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	64.6	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.054		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	18.812		20-120		47	SPK: -40
4165-62-2	Phenol-d5	23.263		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.035		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.335		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.112		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.532		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.557		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.994		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.346		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.898		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.59		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.454		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	24.827		20-140		62	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:	A4BR4	SDG No.:	BP071124
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020905.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.829		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.565		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.733		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.078		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220208	7.71				
1146-65-2	Naphthalene-d8	956916	10.481				
15067-26-2	Acenaphthene-d10	637837	14.357				
1517-22-2	Phenanthrene-d10	1179312	17.157				
1719-03-5	Chrysene-d12	860722	21.627				
1520-96-3	Perylene-d12	1054907	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.104	
	(DEL) Alkane: Straight-Chain	21.292	J			21.292	
E966796	Total Alkanes	140				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:	A4D02	SDG No.:	BP071124
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BP020906.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.8	99	ug/Kg
100-52-7	Benzaldehyde	860		67	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	240	490	ug/Kg
108-95-2	Phenol	64	U	64	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	490	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	63	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	89	U	89	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	55	U	55	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	63	250	ug/Kg
67-72-1	Hexachloroethane	27	U	27	63	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	63	250	ug/Kg
78-59-1	Isophorone	71	U	71	63	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	63	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	63	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	63	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	63	250	ug/Kg
91-20-3	Naphthalene	37	U	37	63	250	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	63	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	63	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	63	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	63	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	63	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	U	73	63	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	63	250	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:	A4D02	SDG No.:	BP071124
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BP020906.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	63	250	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	63	250	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	63	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	63	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	63	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	63	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	63	250	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	120	490	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	490	ug/Kg
132-64-9	Dibenzofuran	47	U	47	63	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	63	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	63	250	ug/Kg
86-73-7	Fluorene	37	U	37	63	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	63	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	63	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	63	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	63	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	63	250	ug/Kg
1912-24-9	Atrazine	110	U	110	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	410		43	63	250	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	63	250	ug/Kg
120-12-7	Anthracene	84	J	37	63	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	63	250	ug/Kg
86-74-8	Carbazole	42	U	42	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	63	250	ug/Kg
206-44-0	Fluoranthene	620		80	120	250	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:	A4D02	SDG No.:	BP071124
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BP020906.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		73	63	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	63	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	310		40	63	250	ug/Kg
218-01-9	Chrysene	390		46	63	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	63	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		49	63	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	56	63	250	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	47	63	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	46	63	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	J	42	63	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	63	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	63	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.042		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.855		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.084		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.55		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	10.576		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	13.702		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.05		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.279		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.466		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.233		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.03	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	15.02		20-140		38	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:	A4D02	SDG No.:	BP071124
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BP020906.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.112		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	14.694		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	10.965		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.361		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	205010	7.71				
1146-65-2	Naphthalene-d8	839228	10.486				
15067-26-2	Acenaphthene-d10	549046	14.351				
1517-22-2	Phenanthrene-d10	1118597	17.168				
1719-03-5	Chrysene-d12	1066890	21.621				
1520-96-3	Perylene-d12	1252652	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	240	J			14.569	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	250	J			17.792	
000057-10-3	n-Hexadecanoic acid	1100	J			18.11	
062796-65-0	1,1-Biphenyl, 2,2,4,6-Tetrachlor	250	J			18.28	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	230	J			18.38	
001686-56-2	Phenanthrene, 7-ethenyl-1,2,3,4,4a	280	J			18.563	
	(DEL) Alkane: Straight-Chain19.063	110	J			19.063	
000057-11-4	Octadecanoic acid	520	J			19.439	
074339-54-1	Trichloroacetic acid, hexadecyl es	200	J			20.209	
297758-19-1	Acridin-9-amine, 1,2,3,4-tetrahydr	1500	J			20.48	
024470-48-2	2-Pentenoic acid, 5-(decahydro-5,5	970	J			20.704	
005835-26-7	Isopimaric acid	480	J			21.098	
067903-48-4	Ethyl 3-hydroxyphenylacetate, TMS	310	J			21.145	
001740-19-8	Dehydroabietic acid	340	J			21.245	
	(DEL) Alkane: Straight-Chain21.286	2400	J			21.286	
1010497-72-2	Cryptostrobin	420	J			21.88	
014811-95-1	1,19-Eicosadiene	680	J			22.104	

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:	A4D02	SDG No.:	BP071124
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BP020906.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002004-39-9	1-Heptacosanol	5500	J			22.533	
000557-59-5	Tetracosanoic acid	410	J			23.015	
	(DEL) Alkane: Straight-Chain23.221	340	J			23.221	
015594-90-8	1-Heneicosanol	390	J			23.292	
026627-85-0	Hexacosanal	2900	J			23.592	
	(DEL) Alkane: Straight-Chain24.092	6000	J			24.092	
	(DEL) Alkane: Cyclic24.168	3100	J			24.168	
055320-00-8	Naphthalene, 1-(1-decylundecyl)dec	420	J			24.292	
000638-66-4	Octadecanal	470	J			24.521	
072934-04-4	Nonacosanal	4700	J			25.633	
	(DEL) Alkane: Straight-Chain26.274	4300	J			26.274	
000506-51-4	n-Tetracosanol-1	3000	J			26.433	
017600-99-6	2-Nonacosanone	390	J			26.597	
007390-81-0	Oxirane, hexadecyl-	970	J			26.956	
058196-28-4	Pentacosanal	2100	J			28.533	
000557-61-9	Octacosanol	3800	J			29.715	
075207-54-4	2-Pentacosanone	1500	J			29.956	
000083-47-6	.gamma.-Sitosterol	1700	J			30.55	
081654-73-1	D-Friedoolean-14-en-3-ol	380	J			31.344	
E966796	Total Alkanes	16000				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:	A4D09	SDG No.:	BP071124
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BP020907.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.8	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.8	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.4	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	95.8	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.8	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.4	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.4	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.4	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.4	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.4	200	ug/Kg
105-60-2	Caprolactam	84	U	84	95.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.4	200	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:	A4D09	SDG No.:	BP071124
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BP020907.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.4	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.8	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	95.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.8	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.4	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.4	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.4	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.8	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.8	380	ug/Kg
85-01-8	Phenanthrene	59	J	34	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.4	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.4	200	ug/Kg
86-74-8	Carbazole	33	U	33	95.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.4	200	ug/Kg
206-44-0	Fluoranthene	99	J	63	95.8	200	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:	A4D09	SDG No.:	BP071124
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BP020907.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	77	J	57	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	98	U	98	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	95.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	58	J	31	49.4	200	ug/Kg
218-01-9	Chrysene	67	J	36	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	87	J	38	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.831		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	2.963	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	17.971		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.51		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.294		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.089		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.069		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.349		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.998		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.853		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.635		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.422		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.351		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	23.376		20-140		58	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:	A4D09	SDG No.:	BP071124
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BP020907.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.973		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	23.218		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	18.067		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.762		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189714	7.716				
1146-65-2	Naphthalene-d8	724484	10.481				
15067-26-2	Acenaphthene-d10	444417	14.345				
1517-22-2	Phenanthrene-d10	908095	17.163				
1719-03-5	Chrysene-d12	886103	21.627				
1520-96-3	Perylene-d12	1056518	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.228	
000057-10-3	n-Hexadecanoic acid	480	J			18.104	
001058-61-3	Stigmast-4-en-3-one	660	J			18.886	
084924-96-9	.gamma.-Sitostenone	420	J			19.057	
000057-11-4	Octadecanoic acid	170	J			19.439	
1000130-78-5	11,12-Dibromo-tetradecan-1-ol acet	170	J			20.951	
000557-61-9	Octacosanol	340	J			21.063	
959085-66-6	Heptadecyl heptafluorobutyrate	720	J			21.286	
075207-55-5	2-Tritriacontanone	240	J			21.474	
054964-85-1	Naphthalene, decahydro-2,6-dimethy	510	J			22.004	
035216-11-6	7-Tetradecyne	220	J			22.127	
065865-33-0	4-n-Pentylthiane, S,S-dioxide	1200	J			22.51	
156992-84-6	4-Methyl-dodec-3-en-1-ol	1500	J			22.545	
069296-90-8	Cyclohexanone, 2,3,3-trimethyl-2-(	730	J			22.58	
	unknown-01	110	J			22.622	
026627-85-0	Hexacosanal	350	J			23.592	
	(DEL) Alkane: Straight-Chain24.080	950	J			24.08	

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:	A4D09	SDG No.:	BP071124
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BP020907.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000351-78-2	Heptacosyl acetate	1400	J			24.163	
067860-04-2	Oxirane, heptadecyl-	610	J			25.639	
	(DEL) Alkane: Straight-Chain	1300	J			26.268	
041755-58-2	Triacetyl acetate	710	J			26.427	
E966796	Total Alkanes	2300				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:	A4D12	SDG No.:	BP071124
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP020908.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.3	94	ug/Kg
100-52-7	Benzaldehyde	710		64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	470	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	60	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	56	U	56	120	470	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	60	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	60	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60	240	ug/Kg
78-59-1	Isophorone	68	U	68	60	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	60	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60	240	ug/Kg
91-20-3	Naphthalene	35	U	35	60	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60	470	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	60	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	60	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	60	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	60	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60	240	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:	A4D12	SDG No.:	BP071124
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP020908.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	60	240	ug/Kg
208-96-8	Acenaphthylene	90	J	45	60	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	45	U	45	60	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	60	240	ug/Kg
86-73-7	Fluorene	50	J	35	60	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	60	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	470	ug/Kg
85-01-8	Phenanthrene	700		41	60	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	60	240	ug/Kg
120-12-7	Anthracene	150	J	35	60	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60	240	ug/Kg
86-74-8	Carbazole	83	J	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	60	240	ug/Kg
206-44-0	Fluoranthene	1100		76	120	240	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:	A4D12	SDG No.:	BP071124
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP020908.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		69	60	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	580		38	60	240	ug/Kg
218-01-9	Chrysene	700		44	60	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	140	60	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		47	60	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		54	60	240	ug/Kg
50-32-8	Benzo(a)pyrene	330		45	60	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250		44	60	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	40	60	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.743		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.826		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.306		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.96		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	23.871		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.126		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.559		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.273		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.577		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.375		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.24		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	30.738		20-140		77	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:	A4D12	SDG No.:	BP071124
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BP020908.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.827		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.297		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	22.702		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.588		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181168	7.716				
1146-65-2	Naphthalene-d8	713432	10.487				
15067-26-2	Acenaphthene-d10	441799	14.351				
1517-22-2	Phenanthrene-d10	928731	17.169				
1719-03-5	Chrysene-d12	849748	21.616				
1520-96-3	Perylene-d12	999487	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	270	J			3.04	
000103-82-2	Benzeneacetic acid	290	J			11.075	
000770-35-4	1-Phenoxypropan-2-ol	400	J			11.24	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	850	J			17.787	
000057-10-3	n-Hexadecanoic acid	2100	J			18.104	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo	530	J			18.275	
068194-04-7	2,2,4,6-Tetrachloro-1,1-bipheny	250	J			18.334	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	520	J			18.381	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	320	J			18.563	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	580	J			19.069	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	470	J			19.128	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	580	J			19.163	
000057-11-4	Octadecanoic acid	650	J			19.433	
077899-03-7	1-Heneicosyl formate	1200	J			20.198	
070424-68-9	2,3,3,4,5-Pentachloro-1,1-biphe	280	J			20.569	
110225-00-8	1-Dodecanol, 2-hexyl-	320	J			20.739	
057402-36-5	Docosanal	300	J			20.933	

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:	A4D12	SDG No.:	BP071124
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP020908.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain21.275	4100	J			21.275	
	(DEL) Alkane: Straight-Chain21.863	880	J			21.863	
014811-95-1	1,19-Eicosadiene	880	J			22.104	
	(DEL) Alkane: Straight-Chain22.522	8400	J			22.522	
002400-66-0	Eicosanal-	270	J			22.798	
000557-59-5	Tetracosanoic acid	1400	J			23.022	
	(DEL) Alkane: Straight-Chain23.275	630	J			23.275	
000629-98-1	13-Docosen-1-ol, (Z)-	5100	J			23.592	
	(DEL) Alkane: Straight-Chain24.086	11000	J			24.086	
002004-39-9	1-Heptacosanol	6800	J			24.163	
000638-66-4	Octadecanal	920	J			24.522	
067860-04-2	Oxirane, heptadecyl-	8000	J			25.633	
	(DEL) Alkane: Straight-Chain26.280	8200	J			26.28	
000506-51-4	n-Tetracosanol-1	5900	J			26.433	
075207-54-4	2-Pentacosanone	490	J			26.604	
072934-04-4	Nonacosanal	9100	J			28.568	
	(DEL) Alkane: Cyclic29.698	3200	J			29.698	
007796-19-2	2-Heptacosanone	1100	J			29.968	
000083-47-6	.gamma.-Sitosterol	4100	J			30.562	
081654-73-1	D-Friedoolean-14-en-3-ol	3000	J			31.38	
E966796	Total Alkanes	36000				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:	SLCS883	SDG No.:	BP071124
Lab Sample ID:	PB161883BS	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
BP020909.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	940		45	82.5	330	ug/Kg
110-86-1	Pyridine	780		33	170	330	ug/Kg
108-95-2	Phenol	810		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	790		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	840		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	780		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770		60	82.5	330	ug/Kg
98-86-2	Acetophenone	790		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	790		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	820		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	830		31	42.5	170	ug/Kg
78-59-1	Isophorone	770		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	860		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	640		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	780		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	860		16	42.5	170	ug/Kg
91-20-3	Naphthalene	830		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	710		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	850		44	42.5	170	ug/Kg
105-60-2	Caprolactam	880		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	790		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	820		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	840		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	860		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:	SLCS883	SDG No.:	BP071124
Lab Sample ID:	PB161883BS	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
BP020909.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	840		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	920		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	840		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	840		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	840		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	900		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	860		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	870		30	42.5	170	ug/Kg
86-73-7	Fluorene	860		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	830		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	860		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	830		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	840		32	42.5	170	ug/Kg
1912-24-9	Atrazine	450		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	770		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	860		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	800		52	42.5	170	ug/Kg
120-12-7	Anthracene	850		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	810		50	42.5	170	ug/Kg
86-74-8	Carbazole	960		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	910		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	750		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:	SLCS883	SDG No.:	BP071124
Lab Sample ID:	PB161883BS	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
BP020909.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	780		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	800		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	850		27	42.5	170	ug/Kg
218-01-9	Chrysene	880		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	850		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	790		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.431		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	24.541		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.732		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.393		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.568		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.589		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.164		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.791		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.28		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.777		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.308		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.739		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.651		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	27.203		20-140		68	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:	SLCS883	SDG No.:	BP071124
Lab Sample ID:	PB161883BS	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
BP020909.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.196		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	26.87		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	23.857		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.277		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200212	7.722				
1146-65-2	Naphthalene-d8	787608	10.493				
15067-26-2	Acenaphthene-d10	495342	14.351				
1517-22-2	Phenanthrene-d10	1052220	17.175				
1719-03-5	Chrysene-d12	1030977	21.627				
1520-96-3	Perylene-d12	1251730	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	SBLK883	SDG No.:	BP071124
Lab Sample ID:	PB161883BL	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
BP020911.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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:	SBLK883	SDG No.:	BP071124
Lab Sample ID:	PB161883BL	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
BP020911.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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:	SBLK883	SDG No.:	BP071124
Lab Sample ID:	PB161883BL	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
BP020911.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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	6.325		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	29.097		20-120		73	SPK: -40
4165-62-2	Phenol-d5	28.533		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.407		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.512		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.877		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.491		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.499		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.341		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.273		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.816		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.924		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.693		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.479		20-140		79	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:	SBLK883	SDG No.:	BP071124
Lab Sample ID:	PB161883BL	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
BP020911.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.079		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	31.411		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	27.554		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.512		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211275	7.716				
1146-65-2	Naphthalene-d8	841460	10.487				
15067-26-2	Acenaphthene-d10	535667	14.357				
1517-22-2	Phenanthrene-d10	1166603	17.169				
1719-03-5	Chrysene-d12	1172844	21.615				
1520-96-3	Perylene-d12	1383984	24.974				
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:	A4CZ0	SDG No.:	BP071124
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BP020912.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.5	120	ug/Kg
100-52-7	Benzaldehyde	79	U	79	140	580	ug/Kg
110-86-1	Pyridine	58	U	58	290	580	ug/Kg
108-95-2	Phenol	75	U	75	140	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	140	580	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	74.3	300	ug/Kg
95-48-7	2-Methylphenol	68	U	68	140	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	580	ug/Kg
98-86-2	Acetophenone	70	U	70	140	580	ug/Kg
106-44-5	4-Methylphenol	65	U	65	140	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	74.3	300	ug/Kg
67-72-1	Hexachloroethane	31	U	31	74.3	300	ug/Kg
98-95-3	Nitrobenzene	54	U	54	74.3	300	ug/Kg
78-59-1	Isophorone	84	U	84	74.3	300	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	74.3	300	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	74.3	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	74.3	300	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	74.3	300	ug/Kg
91-20-3	Naphthalene	44	U	44	74.3	300	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	74.3	580	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	74.3	300	ug/Kg
105-60-2	Caprolactam	130	U	130	140	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	74.3	300	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	74.3	300	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	74.3	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	74.3	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	74.3	300	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:	A4CZ0	SDG No.:	BP071124
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BP020912.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	74.3	300	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	74.3	300	ug/Kg
88-74-4	2-Nitroaniline	72	U	72	74.3	300	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	74.3	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	77	U	77	74.3	300	ug/Kg
208-96-8	Acenaphthylene	56	U	56	74.3	300	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	140	580	ug/Kg
83-32-9	Acenaphthene	51	U	51	74.3	300	ug/Kg
51-28-5	2,4-Dinitrophenol	84	U	84	140	580	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	140	580	ug/Kg
132-64-9	Dibenzofuran	56	U	56	74.3	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	75	U	75	74.3	300	ug/Kg
84-66-2	Diethylphthalate	52	U	52	74.3	300	ug/Kg
86-73-7	Fluorene	44	U	44	74.3	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	74.3	300	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	74.3	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	74.3	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	74.3	300	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	74.3	300	ug/Kg
1912-24-9	Atrazine	120	U	120	140	580	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	580	ug/Kg
85-01-8	Phenanthrene	51	U	51	74.3	300	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	74.3	300	ug/Kg
120-12-7	Anthracene	44	U	44	74.3	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	87	U	87	74.3	300	ug/Kg
86-74-8	Carbazole	49	U	49	140	580	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	74.3	300	ug/Kg
206-44-0	Fluoranthene	94	U	94	140	300	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:	A4CZ0	SDG No.:	BP071124
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BP020912.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	U	86	74.3	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	74.3	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	140	580	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	74.3	300	ug/Kg
218-01-9	Chrysene	54	U	54	74.3	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	74.3	300	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	74.3	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	74.3	300	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	56	74.3	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	74.3	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	74.3	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	74.3	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	74.3	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.798		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	17.419		20-120		44	SPK: -40
4165-62-2	Phenol-d5	20.743		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.656		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.492		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.411		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.089		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.294		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.068		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.815		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.737		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.029		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.126		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	24.447		20-140		61	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:	A4CZ0	SDG No.:	BP071124
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BP020912.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.426		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.803		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	21.678		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.035		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199765	7.716				
1146-65-2	Naphthalene-d8	764332	10.487				
15067-26-2	Acenaphthene-d10	447515	14.357				
1517-22-2	Phenanthrene-d10	887148	17.157				
1719-03-5	Chrysene-d12	936571	21.616				
1520-96-3	Perylene-d12	1134419	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	140	J			3.534	
000770-35-4	1-Phenoxypropan-2-ol	240	J			11.234	
000057-10-3	n-Hexadecanoic acid	170	J			18.098	
	(DEL) Alkane: Straight-Chain	170	J			21.275	
E966796	Total Alkanes	170				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:	A4CY3	SDG No.:	BP071124
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.3
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
BP020913.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.5	130	ug/Kg
100-52-7	Benzaldehyde	85	U	85	160	620	ug/Kg
110-86-1	Pyridine	62	U	62	310	620	ug/Kg
108-95-2	Phenol	81	U	81	160	620	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	160	620	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	80.4	320	ug/Kg
95-48-7	2-Methylphenol	74	U	74	160	620	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	620	ug/Kg
98-86-2	Acetophenone	76	U	76	160	620	ug/Kg
106-44-5	4-Methylphenol	70	U	70	160	620	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	80.4	320	ug/Kg
67-72-1	Hexachloroethane	34	U	34	80.4	320	ug/Kg
98-95-3	Nitrobenzene	59	U	59	80.4	320	ug/Kg
78-59-1	Isophorone	91	U	91	80.4	320	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	80.4	320	ug/Kg
105-67-9	2,4-Dimethylphenol	47	U	47	80.4	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	81	U	81	80.4	320	ug/Kg
120-83-2	2,4-Dichlorophenol	30	U	30	80.4	320	ug/Kg
91-20-3	Naphthalene	47	U	47	80.4	320	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	80.4	620	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	80.4	320	ug/Kg
105-60-2	Caprolactam	140	U	140	160	620	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	80.4	320	ug/Kg
90-12-0	1-Methylnaphthalene	62	U	62	80.4	320	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	80.4	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	620	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	80.4	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	80.4	320	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:	A4CY3	SDG No.:	BP071124
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.3
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
BP020913.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	45	U	45	80.4	320	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	80.4	320	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	80.4	320	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	80.4	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	80.4	320	ug/Kg
208-96-8	Acenaphthylene	61	U	61	80.4	320	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	160	620	ug/Kg
83-32-9	Acenaphthene	55	U	55	80.4	320	ug/Kg
51-28-5	2,4-Dinitrophenol	91	U	91	160	620	ug/Kg
100-02-7	4-Nitrophenol	83	U	83	160	620	ug/Kg
132-64-9	Dibenzofuran	61	U	61	80.4	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	80.4	320	ug/Kg
84-66-2	Diethylphthalate	57	U	57	80.4	320	ug/Kg
86-73-7	Fluorene	47	U	47	80.4	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	80.4	320	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	160	620	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	620	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	80.4	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	80.4	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	80.4	320	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	80.4	320	ug/Kg
1912-24-9	Atrazine	130	U	130	160	620	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	620	ug/Kg
85-01-8	Phenanthrene	530		55	80.4	320	ug/Kg
608-93-5	Pentachlorobenzene	98	U	98	80.4	320	ug/Kg
120-12-7	Anthracene	100	J	47	80.4	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	95	U	95	80.4	320	ug/Kg
86-74-8	Carbazole	53	U	53	160	620	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	80.4	320	ug/Kg
206-44-0	Fluoranthene	800		100	160	320	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:	A4CY3	SDG No.:	BP071124
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.3
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
BP020913.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	570		93	80.4	320	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	80.4	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91	U	91	160	620	ug/Kg
56-55-3	Benzo(a)anthracene	380		51	80.4	320	ug/Kg
218-01-9	Chrysene	460		59	80.4	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		180	80.4	320	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	160	620	ug/Kg
205-99-2	Benzo(b)fluoranthene	550		62	80.4	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	72	80.4	320	ug/Kg
50-32-8	Benzo(a)pyrene	210	J	61	80.4	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	59	80.4	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	J	53	80.4	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	80.4	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	80.4	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.421		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.723	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	19.967		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.017		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.297		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.559		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.653		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.743		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.694		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.301		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.136		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.66		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.063		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	24.202		20-140		61	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:	A4CY3	SDG No.:	BP071124
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.3
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
BP020913.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.06		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.4		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	18.132		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.326		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189555	7.722				
1146-65-2	Naphthalene-d8	783803	10.487				
15067-26-2	Acenaphthene-d10	513713	14.351				
1517-22-2	Phenanthrene-d10	1119168	17.163				
1719-03-5	Chrysene-d12	1073562	21.615				
1520-96-3	Perylene-d12	1267500	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	130	J			17.786	
000057-10-3	n-Hexadecanoic acid	230	J			18.092	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.28	
	unknown-01	220	J			20.61	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	240	J			21.274	
E966796	Total Alkanes	45	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB1	SDG No.:	BP071124
Lab Sample ID:	P3087-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
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
BP020914.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.7	130	ug/Kg
100-52-7	Benzaldehyde	87	U	87	160	640	ug/Kg
110-86-1	Pyridine	64	U	64	320	640	ug/Kg
108-95-2	Phenol	83	U	83	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	77	U	77	160	640	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	81.9	330	ug/Kg
95-48-7	2-Methylphenol	75	U	75	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	640	ug/Kg
98-86-2	Acetophenone	77	U	77	160	640	ug/Kg
106-44-5	4-Methylphenol	71	U	71	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	81.9	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	81.9	330	ug/Kg
98-95-3	Nitrobenzene	60	U	60	81.9	330	ug/Kg
78-59-1	Isophorone	92	U	92	81.9	330	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	81.9	330	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	81.9	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	83	U	83	81.9	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	81.9	330	ug/Kg
91-20-3	Naphthalene	48	U	48	81.9	330	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	81.9	640	ug/Kg
87-68-3	Hexachlorobutadiene	85	U	85	81.9	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94	U	94	81.9	330	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	81.9	330	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	81.9	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	81.9	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	81.9	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB1	SDG No.:	BP071124
Lab Sample ID:	P3087-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
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
BP020914.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	81.9	330	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	81.9	330	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	81.9	330	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	81.9	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	85	U	85	81.9	330	ug/Kg
208-96-8	Acenaphthylene	62	U	62	81.9	330	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	160	640	ug/Kg
83-32-9	Acenaphthene	56	U	56	81.9	330	ug/Kg
51-28-5	2,4-Dinitrophenol	92	U	92	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	62	U	62	81.9	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	83	U	83	81.9	330	ug/Kg
84-66-2	Diethylphthalate	58	U	58	81.9	330	ug/Kg
86-73-7	Fluorene	48	U	48	81.9	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	81.9	330	ug/Kg
100-01-6	4-Nitroaniline	60	U	60	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	81.9	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	81.9	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	81.9	330	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	81.9	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	640	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	640	ug/Kg
85-01-8	Phenanthrene	460		56	81.9	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	81.9	330	ug/Kg
120-12-7	Anthracene	75	J	48	81.9	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	96	U	96	81.9	330	ug/Kg
86-74-8	Carbazole	54	U	54	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	1400		120	81.9	330	ug/Kg
206-44-0	Fluoranthene	850		100	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB1	SDG No.:	BP071124
Lab Sample ID:	P3087-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
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
BP020914.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550		94	81.9	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	81.9	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	390		52	81.9	330	ug/Kg
218-01-9	Chrysene	480		60	81.9	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	910		180	81.9	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	550		64	81.9	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	73	81.9	330	ug/Kg
50-32-8	Benzo(a)pyrene	220	J	62	81.9	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	60	81.9	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	J	54	81.9	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	81.9	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	81.9	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.198		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.754	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	18.783		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.013		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.989		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	16.661		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.91		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.904		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.573		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.678		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.304		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.112		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.726		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	19.978		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB1	SDG No.:	BP071124
Lab Sample ID:	P3087-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
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
BP020914.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.513		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	20.459		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	15.354		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.255		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320970	7.716				
1146-65-2	Naphthalene-d8	1342651	10.487				
15067-26-2	Acenaphthene-d10	788124	14.351				
1517-22-2	Phenanthrene-d10	1436669	17.163				
1719-03-5	Chrysene-d12	1403002	21.621				
1520-96-3	Perylene-d12	1624411	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	260	J			18.098	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.275	
	unknown-01	190	J			20.01	
	(DEL) Alkane: Cyclic21.280	190	J			21.28	
E966796	Total Alkanes	190				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:	A4CY9	SDG No.:	BP071124
Lab Sample ID:	P3087-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.2
Sample Wt/Vol:	330	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
BP020915.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	1.1	11	ug/Kg
100-52-7	Benzaldehyde	7.6	U	7.6	13.9	56	ug/Kg
110-86-1	Pyridine	5.6	U	5.6	27.9	56	ug/Kg
108-95-2	Phenol	7.3	U	7.3	13.9	56	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6.8	U	6.8	13.9	56	ug/Kg
95-57-8	2-Chlorophenol	3.9	U	3.9	7.2	29	ug/Kg
95-48-7	2-Methylphenol	6.6	U	6.6	13.9	56	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	10	13.9	56	ug/Kg
98-86-2	Acetophenone	6.8	U	6.8	13.9	56	ug/Kg
106-44-5	4-Methylphenol	6.3	U	6.3	13.9	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	8.6	U	8.6	7.2	29	ug/Kg
67-72-1	Hexachloroethane	3	U	3	7.2	29	ug/Kg
98-95-3	Nitrobenzene	5.2	U	5.2	7.2	29	ug/Kg
78-59-1	Isophorone	8.1	U	8.1	7.2	29	ug/Kg
88-75-5	2-Nitrophenol	5.2	U	5.2	7.2	29	ug/Kg
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	7.2	29	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7.3	U	7.3	7.2	29	ug/Kg
120-83-2	2,4-Dichlorophenol	2.7	U	2.7	7.2	29	ug/Kg
91-20-3	Naphthalene	4.2	U	4.2	7.2	29	ug/Kg
106-47-8	4-Chloroaniline	4.1	U	4.1	7.2	56	ug/Kg
87-68-3	Hexachlorobutadiene	7.4	U	7.4	7.2	29	ug/Kg
105-60-2	Caprolactam	12	U	12	13.9	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	8.3	U	8.3	7.2	29	ug/Kg
90-12-0	1-Methylnaphthalene	5.6	U	5.6	7.2	29	ug/Kg
91-57-6	2-Methylnaphthalene	3.9	U	3.9	7.2	29	ug/Kg
77-47-4	Hexachlorocyclopentadiene	16	U	16	13.9	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8.3	U	8.3	7.2	29	ug/Kg
95-95-4	2,4,5-Trichlorophenol	6.6	U	6.6	7.2	29	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:	A4CY9	SDG No.:	BP071124
Lab Sample ID:	P3087-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.2
Sample Wt/Vol:	330	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
BP020915.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.1	U	4.1	7.2	29	ug/Kg
91-58-7	2-Chloronaphthalene	4.4	U	4.4	7.2	29	ug/Kg
88-74-4	2-Nitroaniline	6.9	U	6.9	7.2	29	ug/Kg
131-11-3	Dimethylphthalate	4.9	U	4.9	7.2	29	ug/Kg
606-20-2	2,6-Dinitrotoluene	7.4	U	7.4	7.2	29	ug/Kg
208-96-8	Acenaphthylene	5.4	U	5.4	7.2	29	ug/Kg
99-09-2	3-Nitroaniline	7.4	U	7.4	13.9	56	ug/Kg
83-32-9	Acenaphthene	4.9	U	4.9	7.2	29	ug/Kg
51-28-5	2,4-Dinitrophenol	8.1	U	8.1	13.9	56	ug/Kg
100-02-7	4-Nitrophenol	7.4	U	7.4	13.9	56	ug/Kg
132-64-9	Dibenzofuran	5.4	U	5.4	7.2	29	ug/Kg
121-14-2	2,4-Dinitrotoluene	7.3	U	7.3	7.2	29	ug/Kg
84-66-2	Diethylphthalate	5.1	U	5.1	7.2	29	ug/Kg
86-73-7	Fluorene	4.2	U	4.2	7.2	29	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3.4	U	3.4	7.2	29	ug/Kg
100-01-6	4-Nitroaniline	5.2	U	5.2	13.9	56	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	13	U	13	13.9	56	ug/Kg
86-30-6	N-Nitrosodiphenylamine	5.6	U	5.6	7.2	29	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4.1	U	4.1	7.2	29	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4.9	U	4.9	7.2	29	ug/Kg
118-74-1	Hexachlorobenzene	5.4	U	5.4	7.2	29	ug/Kg
1912-24-9	Atrazine	12	U	12	13.9	56	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	13.9	56	ug/Kg
85-01-8	Phenanthrene	4.9	U	4.9	7.2	29	ug/Kg
608-93-5	Pentachlorobenzene	8.8	U	8.8	7.2	29	ug/Kg
120-12-7	Anthracene	4.2	U	4.2	7.2	29	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.4	U	8.4	7.2	29	ug/Kg
86-74-8	Carbazole	4.7	U	4.7	13.9	56	ug/Kg
84-74-2	Di-n-butylphthalate	10	U	10	7.2	29	ug/Kg
206-44-0	Fluoranthene	9.1	U	9.1	13.9	29	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:	A4CY9	SDG No.:	BP071124
Lab Sample ID:	P3087-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.2
Sample Wt/Vol:	330 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
BP020915.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8.3	U	8.3	7.2	29	ug/Kg
85-68-7	Butylbenzylphthalate	14	U	14	7.2	29	ug/Kg
91-94-1	3,3-Dichlorobenzidine	8.1	U	8.1	13.9	56	ug/Kg
56-55-3	Benzo(a)anthracene	4.6	U	4.6	7.2	29	ug/Kg
218-01-9	Chrysene	5.2	U	5.2	7.2	29	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	16	U	16	7.2	29	ug/Kg
117-84-0	Di-n-octyl phthalate	13	U	13	13.9	56	ug/Kg
205-99-2	Benzo(b)fluoranthene	5.6	U	5.6	7.2	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.4	U	6.4	7.2	29	ug/Kg
50-32-8	Benzo(a)pyrene	5.4	U	5.4	7.2	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.2	U	5.2	7.2	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.7	U	4.7	7.2	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.4	U	4.4	7.2	29	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5.6	U	5.6	7.2	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.181		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.314		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.668		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.384		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.783		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.267		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.945		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.001		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.35		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.642		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.45		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.511		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.281		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.31		20-140		48	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:	A4CY9	SDG No.:	BP071124
Lab Sample ID:	P3087-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.2
Sample Wt/Vol:	330 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
BP020915.D	1	7/1/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	19.186		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.044		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.244		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211776	7.716				
1146-65-2	Naphthalene-d8	866958	10.487				
15067-26-2	Acenaphthene-d10	570307	14.351				
1517-22-2	Phenanthrene-d10	1241604	17.169				
1719-03-5	Chrysene-d12	1216387	21.616				
1520-96-3	Perylene-d12	1390203	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	19	J			18.098	
1000406-04-8	Pentadecafluorooctanoic acid, octa	25	J			21.274	
E966796	Total Alkanes	4.1	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:	A4BR6	SDG No.:	BP071124
Lab Sample ID:	P3087-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.7
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
BP020916.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

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	510	ug/Kg
110-86-1	Pyridine	51	U	51	250	510	ug/Kg
108-95-2	Phenol	66	U	66	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	130	510	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	65.1	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	130	510	ug/Kg
98-86-2	Acetophenone	61	U	61	130	510	ug/Kg
106-44-5	4-Methylphenol	57	U	57	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	78	U	78	65.1	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	65.1	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	65.1	260	ug/Kg
78-59-1	Isophorone	74	U	74	65.1	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	65.1	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	65.1	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	65.1	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	65.1	260	ug/Kg
91-20-3	Naphthalene	38	U	38	65.1	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	65.1	510	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	65.1	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	65.1	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	65.1	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	65.1	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	65.1	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	65.1	260	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:	A4BR6	SDG No.:	BP071124
Lab Sample ID:	P3087-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.7
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
BP020916.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	65.1	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	65.1	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	65.1	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	65.1	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	67	U	67	65.1	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	65.1	260	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	130	510	ug/Kg
83-32-9	Acenaphthene	44	U	44	65.1	260	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	130	510	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	510	ug/Kg
132-64-9	Dibenzofuran	49	U	49	65.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	65.1	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	65.1	260	ug/Kg
86-73-7	Fluorene	38	U	38	65.1	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.1	260	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	65.1	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	65.1	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	65.1	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	65.1	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	510	ug/Kg
85-01-8	Phenanthrene	44	U	44	65.1	260	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	65.1	260	ug/Kg
120-12-7	Anthracene	38	U	38	65.1	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	65.1	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	65.1	260	ug/Kg
206-44-0	Fluoranthene	83	U	83	130	260	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:	A4BR6	SDG No.:	BP071124
Lab Sample ID:	P3087-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.7
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
BP020916.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	75	U	75	65.1	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	65.1	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	65.1	260	ug/Kg
218-01-9	Chrysene	47	U	47	65.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	65.1	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	65.1	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65.1	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	65.1	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	65.1	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	65.1	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	65.1	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	65.1	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.241		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	14.548		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.56		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.197		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.92		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.937		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	19.874		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.137		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.575		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.212		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.645		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.276		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.999		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	18.487		20-140		46	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:	A4BR6	SDG No.:	BP071124
Lab Sample ID:	P3087-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.7
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
BP020916.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.97		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.034		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.075		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.605		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	340109	7.722				
1146-65-2	Naphthalene-d8	1475465	10.487				
15067-26-2	Acenaphthene-d10	909396	14.357				
1517-22-2	Phenanthrene-d10	1572276	17.169				
1719-03-5	Chrysene-d12	1316876	21.627				
1520-96-3	Perylene-d12	1566287	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			14.557	
007773-83-3	1-Docosanethiol	210	J			20.022	
	unknown-02	350	J			20.404	
001454-84-8	n-Nonadecanol-1	130	J			21.286	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB5	SDG No.:	BP071124
Lab Sample ID:	P3087-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BP020917.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.5	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.5	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB5	SDG No.:	BP071124
Lab Sample ID:	P3087-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BP020917.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.5	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.5	390	ug/Kg
85-01-8	Phenanthrene	56	J	35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	98	J	64	98.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB5	SDG No.:	BP071124
Lab Sample ID:	P3087-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BP020917.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91	J	58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	55	J	32	50.7	200	ug/Kg
218-01-9	Chrysene	61	J	37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	79	J	39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	58	J	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	J	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.741		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	15.165		20-120		38	SPK: -40
4165-62-2	Phenol-d5	24.931		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.761		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.174		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.983		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.4		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.766		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.769		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.803		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.572		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.003		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.489		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	28.421		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB5	SDG No.:	BP071124
Lab Sample ID:	P3087-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BP020917.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.957		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.5		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	25.563		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.789		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220548	7.71				
1146-65-2	Naphthalene-d8	933007	10.487				
15067-26-2	Acenaphthene-d10	623993	14.351				
1517-22-2	Phenanthrene-d10	1309090	17.163				
1719-03-5	Chrysene-d12	1260170	21.621				
1520-96-3	Perylene-d12	1408818	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	550	J			18.11	
000057-11-4	Octadecanoic acid	200	J			19.427	
	(DEL) Alkane: Straight-Chain	20.198	J			20.198	
077899-03-7	1-Heneicosyl formate	470	J			21.28	
	(DEL) Alkane: Straight-Chain	22.486	J			22.486	
015594-90-8	1-Heneicosanol	510	J			22.527	
007683-64-9	Supraene	210	J			23.404	
	(DEL) Alkane: Straight-Chain	24.068	J			24.068	
	(DEL) Alkane: Straight-Chain	24.151	J			24.151	
007390-81-0	Oxirane, hexadecyl-	240	J			25.621	
E966796	Total Alkanes	770				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CC1	SDG No.:	BP071124
Lab Sample ID:	P3087-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.8
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
BP020918.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12.1	120	ug/Kg
100-52-7	Benzaldehyde	83	U	83	150	610	ug/Kg
110-86-1	Pyridine	61	U	61	300	610	ug/Kg
108-95-2	Phenol	79	U	79	150	610	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	150	610	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	78.2	310	ug/Kg
95-48-7	2-Methylphenol	72	U	72	150	610	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	610	ug/Kg
98-86-2	Acetophenone	74	U	74	150	610	ug/Kg
106-44-5	4-Methylphenol	68	U	68	150	610	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	78.2	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	78.2	310	ug/Kg
98-95-3	Nitrobenzene	57	U	57	78.2	310	ug/Kg
78-59-1	Isophorone	88	U	88	78.2	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	78.2	310	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	78.2	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	78.2	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	78.2	310	ug/Kg
91-20-3	Naphthalene	46	U	46	78.2	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	78.2	610	ug/Kg
87-68-3	Hexachlorobutadiene	81	U	81	78.2	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	610	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90	U	90	78.2	310	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	78.2	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	78.2	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	610	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90	U	90	78.2	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72	U	72	78.2	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CC1	SDG No.:	BP071124
Lab Sample ID:	P3087-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.8
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
BP020918.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	78.2	310	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	78.2	310	ug/Kg
88-74-4	2-Nitroaniline	75	U	75	78.2	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	78.2	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	81	U	81	78.2	310	ug/Kg
208-96-8	Acenaphthylene	59	U	59	78.2	310	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	150	610	ug/Kg
83-32-9	Acenaphthene	53	U	53	78.2	310	ug/Kg
51-28-5	2,4-Dinitrophenol	88	U	88	150	610	ug/Kg
100-02-7	4-Nitrophenol	81	U	81	150	610	ug/Kg
132-64-9	Dibenzofuran	59	U	59	78.2	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	78.2	310	ug/Kg
84-66-2	Diethylphthalate	55	U	55	78.2	310	ug/Kg
86-73-7	Fluorene	81	J	46	78.2	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	78.2	310	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	150	610	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	610	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	78.2	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	78.2	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	78.2	310	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	78.2	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	610	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	150	610	ug/Kg
85-01-8	Phenanthrene	650		53	78.2	310	ug/Kg
608-93-5	Pentachlorobenzene	96	U	96	78.2	310	ug/Kg
120-12-7	Anthracene	140	J	46	78.2	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	92	U	92	78.2	310	ug/Kg
86-74-8	Carbazole	66	J	51	150	610	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	78.2	310	ug/Kg
206-44-0	Fluoranthene	690		99	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CC1	SDG No.:	BP071124
Lab Sample ID:	P3087-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.8
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
BP020918.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		90	78.2	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	78.2	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	150	610	ug/Kg
56-55-3	Benzo(a)anthracene	310		50	78.2	310	ug/Kg
218-01-9	Chrysene	320		57	78.2	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	78.2	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	610	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		61	78.2	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	70	78.2	310	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	59	78.2	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	J	57	78.2	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	78.2	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78.2	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	78.2	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.811		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	1.191	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	22.921		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.665		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.566		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.91		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.134		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.65		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.43		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.292		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.549		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.538		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.259		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.438		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CC1	SDG No.:	BP071124
Lab Sample ID:	P3087-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.8
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
BP020918.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.69		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.517		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	19.259		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.265		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254862	7.722				
1146-65-2	Naphthalene-d8	1038261	10.487				
15067-26-2	Acenaphthene-d10	608591	14.357				
1517-22-2	Phenanthrene-d10	1154234	17.169				
1719-03-5	Chrysene-d12	1117552	21.622				
1520-96-3	Perylene-d12	1325058	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	170	J			17.781	
000057-10-3	n-Hexadecanoic acid	190	J			18.092	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.275	
022108-55-0	Anthra(2,3-b)thiophene	140	J			21.186	
	(DEL) Alkane: Cyclic	190	J			21.286	
	unknown-01	220	J			21.439	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE6	SDG No.:	BP071124
Lab Sample ID:	P3087-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020919.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.3	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.3	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.3	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.6	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.6	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.6	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.6	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE6	SDG No.:	BP071124
Lab Sample ID:	P3087-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020919.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.6	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.3	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.3	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.6	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.6	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.3	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.6	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE6	SDG No.:	BP071124
Lab Sample ID:	P3087-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020919.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.73		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.44		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.577		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.758		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.873		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.675		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.62		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.173		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.372		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.319		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.238		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.61		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.011		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	20.931		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE6	SDG No.:	BP071124
Lab Sample ID:	P3087-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BP020919.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.052		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	20.666		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	19.081		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.286		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258929	7.716				
1146-65-2	Naphthalene-d8	1122571	10.493				
15067-26-2	Acenaphthene-d10	758305	14.357				
1517-22-2	Phenanthrene-d10	1611836	17.169				
1719-03-5	Chrysene-d12	1498868	21.616				
1520-96-3	Perylene-d12	1697153	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.104	
	(DEL) Alkane: Straight-Chain	21.280	J			21.28	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE9	SDG No.:	BP071124
Lab Sample ID:	P3087-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020920.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.7	390	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	50.9	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.7	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.9	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	50.9	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.9	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.9	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.9	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE9	SDG No.:	BP071124
Lab Sample ID:	P3087-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1	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
BP020920.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.9	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.7	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.7	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.9	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.9	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.9	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.7	390	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	98.7	390	ug/Kg
85-01-8	Phenanthrene	110	J	35	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.9	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.9	200	ug/Kg
86-74-8	Carbazole	34	U	34	98.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.9	200	ug/Kg
206-44-0	Fluoranthene	190	J	65	98.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE9	SDG No.:	BP071124
Lab Sample ID:	P3087-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020920.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	59	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	97	J	32	50.9	200	ug/Kg
218-01-9	Chrysene	130	J	37	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	39	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	J	45	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	55	J	38	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	J	37	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.179		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.824	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	20.973		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.957		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.761		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	16.544		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	24.876		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.743		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.697		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.189		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.149		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.689		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.797		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.882		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CE9	SDG No.:	BP071124
Lab Sample ID:	P3087-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020920.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.797		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	24.548		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	19.077		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.169		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212408	7.722				
1146-65-2	Naphthalene-d8	842070	10.493				
15067-26-2	Acenaphthene-d10	537063	14.357				
1517-22-2	Phenanthrene-d10	1200655	17.169				
1719-03-5	Chrysene-d12	1232876	21.616				
1520-96-3	Perylene-d12	1415149	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			18.11	
	(DEL) Alkane: Cyclic	21.280	J			21.28	
	(DEL) Alkane: Straight-Chain	24.057	J			24.057	
	(DEL) Alkane: Straight-Chain	26.245	J			26.245	
E966796	Total Alkanes	840				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:	A4BC6	SDG No.:	BP071124
Lab Sample ID:	P3087-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.8
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
BP020921.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.1	130	ug/Kg
100-52-7	Benzaldehyde	90	U	90	160	660	ug/Kg
110-86-1	Pyridine	66	U	66	330	660	ug/Kg
108-95-2	Phenol	86	U	86	160	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	160	660	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	84.7	340	ug/Kg
95-48-7	2-Methylphenol	78	U	78	160	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	660	ug/Kg
98-86-2	Acetophenone	80	U	80	160	660	ug/Kg
106-44-5	4-Methylphenol	74	U	74	160	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	84.7	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	84.7	340	ug/Kg
98-95-3	Nitrobenzene	62	U	62	84.7	340	ug/Kg
78-59-1	Isophorone	96	U	96	84.7	340	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	84.7	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	84.7	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	86	U	86	84.7	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	84.7	340	ug/Kg
91-20-3	Naphthalene	50	U	50	84.7	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	84.7	660	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	84.7	340	ug/Kg
105-60-2	Caprolactam	140	U	140	160	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	84.7	340	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	84.7	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	84.7	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	84.7	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	84.7	340	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:	A4BC6	SDG No.:	BP071124
Lab Sample ID:	P3087-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.8
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
BP020921.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	84.7	340	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	84.7	340	ug/Kg
88-74-4	2-Nitroaniline	82	U	82	84.7	340	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	84.7	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	84.7	340	ug/Kg
208-96-8	Acenaphthylene	64	U	64	84.7	340	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	160	660	ug/Kg
83-32-9	Acenaphthene	58	U	58	84.7	340	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	160	660	ug/Kg
100-02-7	4-Nitrophenol	88	U	88	160	660	ug/Kg
132-64-9	Dibenzofuran	64	U	64	84.7	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	84.7	340	ug/Kg
84-66-2	Diethylphthalate	60	U	60	84.7	340	ug/Kg
86-73-7	Fluorene	50	U	50	84.7	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	84.7	340	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	160	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	84.7	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	84.7	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	84.7	340	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	84.7	340	ug/Kg
1912-24-9	Atrazine	140	U	140	160	660	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	660	ug/Kg
85-01-8	Phenanthrene	470		58	84.7	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	84.7	340	ug/Kg
120-12-7	Anthracene	79	J	50	84.7	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	84.7	340	ug/Kg
86-74-8	Carbazole	56	U	56	160	660	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	84.7	340	ug/Kg
206-44-0	Fluoranthene	910		110	160	340	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:	A4BC6	SDG No.:	BP071124
Lab Sample ID:	P3087-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.8
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
BP020921.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	590		98	84.7	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	84.7	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96	U	96	160	660	ug/Kg
56-55-3	Benzo(a)anthracene	430		54	84.7	340	ug/Kg
218-01-9	Chrysene	530		62	84.7	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	84.7	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	710		66	84.7	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	J	76	84.7	340	ug/Kg
50-32-8	Benzo(a)pyrene	230	J	64	84.7	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	62	84.7	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89	J	56	84.7	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	84.7	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	84.7	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.819		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	1.344	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	25.84		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.289		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.052		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	23.95		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.242		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.774		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.264		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.875		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.142		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.103		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.287		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	27.49		20-140		69	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:	A4BC6	SDG No.:	BP071124
Lab Sample ID:	P3087-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.8
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
BP020921.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.3		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.297		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	22.165		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.705		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294945	7.716				
1146-65-2	Naphthalene-d8	1295307	10.492				
15067-26-2	Acenaphthene-d10	800720	14.351				
1517-22-2	Phenanthrene-d10	1357712	17.169				
1719-03-5	Chrysene-d12	1126568	21.627				
1520-96-3	Perylene-d12	1338937	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	510	J			18.11	
077899-03-7	1-Heneicosyl formate	430	J			21.286	
	(DEL) Alkane: Straight-Chain	22.492	J			22.492	
	(DEL) Alkane: Straight-Chain	24.068	J			24.068	
E966796	Total Alkanes	1500				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:	A4BP1	SDG No.:	BP071124
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
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
BP020922.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	16.7	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	210	840	ug/Kg
110-86-1	Pyridine	84	U	84	420	840	ug/Kg
108-95-2	Phenol	110	U	110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	840	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	110	430	ug/Kg
95-48-7	2-Methylphenol	99	U	99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	840	ug/Kg
98-86-2	Acetophenone	100	U	100	210	840	ug/Kg
106-44-5	4-Methylphenol	94	U	94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	430	ug/Kg
67-72-1	Hexachloroethane	46	U	46	110	430	ug/Kg
98-95-3	Nitrobenzene	79	U	79	110	430	ug/Kg
78-59-1	Isophorone	120	U	120	110	430	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	110	430	ug/Kg
91-20-3	Naphthalene	63	U	63	110	430	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	430	ug/Kg
105-60-2	Caprolactam	180	U	180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	84	U	84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	110	430	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:	A4BP1	SDG No.:	BP071124
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
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
BP020922.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	110	430	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	430	ug/Kg
131-11-3	Dimethylphthalate	74	U	74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	430	ug/Kg
208-96-8	Acenaphthylene	81	U	81	110	430	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	840	ug/Kg
83-32-9	Acenaphthene	74	U	74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	840	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	840	ug/Kg
132-64-9	Dibenzofuran	81	U	81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	430	ug/Kg
84-66-2	Diethylphthalate	76	U	76	110	430	ug/Kg
86-73-7	Fluorene	63	U	63	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	430	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	84	U	84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	110	430	ug/Kg
1912-24-9	Atrazine	180	U	180	210	840	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	840	ug/Kg
85-01-8	Phenanthrene	74	U	74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	430	ug/Kg
86-74-8	Carbazole	71	U	71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	430	ug/Kg
206-44-0	Fluoranthene	140	U	140	210	430	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:	A4BP1	SDG No.:	BP071124
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
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
BP020922.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	68	U	68	110	430	ug/Kg
218-01-9	Chrysene	79	U	79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	U	84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	81	U	81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	U	79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	U	71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	U	66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.715		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.723		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.036		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.515		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.607		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.766		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.312		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.259		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.269		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.506		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.67		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.38		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.069		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	22		20-140		55	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:	A4BP1	SDG No.:	BP071124
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
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
BP020922.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.892		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.912		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.811		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.177		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245233	7.722				
1146-65-2	Naphthalene-d8	1012069	10.493				
15067-26-2	Acenaphthene-d10	685287	14.351				
1517-22-2	Phenanthrene-d10	1507611	17.163				
1719-03-5	Chrysene-d12	1471056	21.622				
1520-96-3	Perylene-d12	1681910	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000501-94-0	Benzeneethanol, 4-hydroxy-	190	J			13.516	
000057-10-3	n-Hexadecanoic acid	230	J			18.104	
	(DEL) Alkane: Cyclic	230	J			21.28	
E966796	Total Alkanes	230				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:	A4BQ8	SDG No.:	BP071124
Lab Sample ID:	P3087-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BP020923.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.2	130	ug/Kg
100-52-7	Benzaldehyde	90	U	90	170	660	ug/Kg
110-86-1	Pyridine	66	U	66	330	660	ug/Kg
108-95-2	Phenol	86	U	86	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	170	660	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	85.2	340	ug/Kg
95-48-7	2-Methylphenol	78	U	78	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	660	ug/Kg
98-86-2	Acetophenone	80	U	80	170	660	ug/Kg
106-44-5	4-Methylphenol	74	U	74	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	85.2	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	85.2	340	ug/Kg
98-95-3	Nitrobenzene	62	U	62	85.2	340	ug/Kg
78-59-1	Isophorone	96	U	96	85.2	340	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.2	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	85.2	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	86	U	86	85.2	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	85.2	340	ug/Kg
91-20-3	Naphthalene	50	U	50	85.2	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	85.2	660	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	85.2	340	ug/Kg
105-60-2	Caprolactam	140	U	140	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	85.2	340	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	85.2	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	85.2	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	85.2	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	85.2	340	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:	A4BQ8	SDG No.:	BP071124
Lab Sample ID:	P3087-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BP020923.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	85.2	340	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	85.2	340	ug/Kg
88-74-4	2-Nitroaniline	82	U	82	85.2	340	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	85.2	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	85.2	340	ug/Kg
208-96-8	Acenaphthylene	64	U	64	85.2	340	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	170	660	ug/Kg
83-32-9	Acenaphthene	58	U	58	85.2	340	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	170	660	ug/Kg
100-02-7	4-Nitrophenol	88	U	88	170	660	ug/Kg
132-64-9	Dibenzofuran	64	U	64	85.2	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	85.2	340	ug/Kg
84-66-2	Diethylphthalate	60	U	60	85.2	340	ug/Kg
86-73-7	Fluorene	50	U	50	85.2	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	85.2	340	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	85.2	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	85.2	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	85.2	340	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	85.2	340	ug/Kg
1912-24-9	Atrazine	140	U	140	170	660	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	660	ug/Kg
85-01-8	Phenanthrene	250	J	58	85.2	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	85.2	340	ug/Kg
120-12-7	Anthracene	50	U	50	85.2	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	85.2	340	ug/Kg
86-74-8	Carbazole	56	U	56	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	85.2	340	ug/Kg
206-44-0	Fluoranthene	390		110	170	340	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:	A4BQ8	SDG No.:	BP071124
Lab Sample ID:	P3087-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BP020923.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	J	98	85.2	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	85.2	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96	U	96	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	54	85.2	340	ug/Kg
218-01-9	Chrysene	230	J	62	85.2	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	85.2	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	J	66	85.2	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	76	85.2	340	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	64	85.2	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	J	62	85.2	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	85.2	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	85.2	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	85.2	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.549		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	1.429	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	22.203		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.835		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.911		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.9		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.074		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.917		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.374		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.029		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.715		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.245		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.318		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.631		20-140		57	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:	A4BQ8	SDG No.:	BP071124
Lab Sample ID:	P3087-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BP020923.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.132		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.537		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	17.837		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.492		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275650	7.722				
1146-65-2	Naphthalene-d8	1144553	10.493				
15067-26-2	Acenaphthene-d10	673726	14.357				
1517-22-2	Phenanthrene-d10	1186114	17.175				
1719-03-5	Chrysene-d12	1194542	21.627				
1520-96-3	Perylene-d12	1392364	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	330	J			18.104	
	(DEL) Alkane: Straight-Chain	280	J			21.28	
E966796	Total Alkanes	280				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:	SLCS865	SDG No.:	BP071124
Lab Sample ID:	PB161865BS	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
BP020924.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1200		45	82.5	330	ug/Kg
110-86-1	Pyridine	940		33	170	330	ug/Kg
108-95-2	Phenol	1000		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		60	82.5	330	ug/Kg
98-86-2	Acetophenone	980		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	940		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	980		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	990		31	42.5	170	ug/Kg
78-59-1	Isophorone	950		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	760		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	990		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	920		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	970		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	970		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	990		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	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:	SLCS865	SDG No.:	BP071124
Lab Sample ID:	PB161865BS	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
BP020924.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	990		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	980		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	980		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		30	42.5	170	ug/Kg
86-73-7	Fluorene	1000		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1500		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	960		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		32	42.5	170	ug/Kg
1912-24-9	Atrazine	510		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	890		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		52	42.5	170	ug/Kg
120-12-7	Anthracene	980		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	940		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	900		54	82.5	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:	SLCS865	SDG No.:	BP071124
Lab Sample ID:	PB161865BS	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
BP020924.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	920		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	930		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		27	42.5	170	ug/Kg
218-01-9	Chrysene	1000		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	940		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	990		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	960		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.369		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	29.446		20-120		74	SPK: -40
4165-62-2	Phenol-d5	31.292		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.536		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.451		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.027		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	31.398		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.024		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.181		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.767		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.112		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.588		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.74		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	31.717		20-140		79	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:	SLCS865	SDG No.:	BP071124
Lab Sample ID:	PB161865BS	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
BP020924.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.649		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.061		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	28.488		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.386		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229840	7.722				
1146-65-2	Naphthalene-d8	965076	10.493				
15067-26-2	Acenaphthene-d10	630769	14.357				
1517-22-2	Phenanthrene-d10	1344975	17.169				
1719-03-5	Chrysene-d12	1289476	21.627				
1520-96-3	Perylene-d12	1531278	24.98				
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:	SBLK865	SDG No.:	BP071124
Lab Sample ID:	PB161865BL	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
BP020926.D	1	7/1/2024 12:00:00 AM	7/12/2024 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	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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK865	SDG No.:	BP071124
Lab Sample ID:	PB161865BL	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
BP020926.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK865	SDG No.:	BP071124
Lab Sample ID:	PB161865BL	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
BP020926.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

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	5.432		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	25.437		20-120		64	SPK: -40
4165-62-2	Phenol-d5	25.294		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.34		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.78		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.071		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.656		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.807		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.966		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.478		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.571		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.195		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.613		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.946		20-140		62	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:	SBLK865	SDG No.:	BP071124
Lab Sample ID:	PB161865BL	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
BP020926.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.676		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.198		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	23.338		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.592		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294040	7.716				
1146-65-2	Naphthalene-d8	1219396	10.481				
15067-26-2	Acenaphthene-d10	713098	14.357				
1517-22-2	Phenanthrene-d10	1285528	17.169				
1719-03-5	Chrysene-d12	1285835	21.621				
1520-96-3	Perylene-d12	1496714	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CB1								
P3087-06	A4CB1	Solid	(DEL) Alkane: Cyclic21.280	*	190.000	J		
P3087-06	A4CB1	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3087-06	A4CB1	Solid	n-Hexadecanoic acid	*	260.000	J		
P3087-06	A4CB1	Solid	unknown-01	*	190.000	J		
P3087-06	A4CB1	Solid	Total Alkanes	*	190.000	46	330	ug/Kg
Total Tics :					960.00			
P3087-06	A4CB1	Solid	Anthracene		75.000	J 48	330	ug/Kg
P3087-06	A4CB1	Solid	Benzo(a)anthracene		390.000	52	330	ug/Kg
P3087-06	A4CB1	Solid	Benzo(a)pyrene		220.000	J 62	330	ug/Kg
P3087-06	A4CB1	Solid	Benzo(b)fluoranthene		550.000	64	330	ug/Kg
P3087-06	A4CB1	Solid	Benzo(k)fluoranthene		260.000	J 73	330	ug/Kg
P3087-06	A4CB1	Solid	Bis(2-ethylhexyl)phthalate		910.000	180	330	ug/Kg
P3087-06	A4CB1	Solid	Chrysene		480.000	60	330	ug/Kg
P3087-06	A4CB1	Solid	Di-n-butylphthalate		1,400.000	120	330	ug/Kg
P3087-06	A4CB1	Solid	Dibenzo(a,h)anthracene		76.000	J 54	330	ug/Kg
P3087-06	A4CB1	Solid	Fluoranthene		850.000	100	330	ug/Kg
P3087-06	A4CB1	Solid	Indeno(1,2,3-cd)pyrene		170.000	J 60	330	ug/Kg
P3087-06	A4CB1	Solid	Phenanthrene		460.000	56	330	ug/Kg
P3087-06	A4CB1	Solid	Pyrene		550.000	94	330	ug/Kg
Total Svoc :					6,391.00			
Total Concentration:					7,351.00			
Client ID : A4CB5								
P3087-08	A4CB5	Solid	(DEL) Alkane: Straight-Chain20.1	*	120.000	J		
P3087-08	A4CB5	Solid	(DEL) Alkane: Straight-Chain22.4	*	99.000	J		
P3087-08	A4CB5	Solid	(DEL) Alkane: Straight-Chain24.6	*	270.000	J		
P3087-08	A4CB5	Solid	(DEL) Alkane: Straight-Chain24.1	*	280.000	J		
P3087-08	A4CB5	Solid	1-Heneicosanol	*	510.000	J		
P3087-08	A4CB5	Solid	1-Heneicosyl formate	*	470.000	J		
P3087-08	A4CB5	Solid	n-Hexadecanoic acid	*	550.000	J		
P3087-08	A4CB5	Solid	Octadecanoic acid	*	200.000	J		
P3087-08	A4CB5	Solid	Oxirane, hexadecyl-	*	240.000	J		
P3087-08	A4CB5	Solid	Supraene	*	210.000	J		
P3087-08	A4CB5	Solid	Total Alkanes	*	770.000	29	200	ug/Kg
Total Tics :					3,719.00			
P3087-08	A4CB5	Solid	Benzo(a)anthracene		55.000	J 32	200	ug/Kg
P3087-08	A4CB5	Solid	Benzo(a)pyrene		58.000	J 38	200	ug/Kg
P3087-08	A4CB5	Solid	Benzo(b)fluoranthene		79.000	J 39	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-08	A4CB5	Solid	Benzo(g,h,i)perylene	41.000	J	31	200	ug/Kg
P3087-08	A4CB5	Solid	Chrysene	61.000	J	37	200	ug/Kg
P3087-08	A4CB5	Solid	Fluoranthene	98.000	J	64	200	ug/Kg
P3087-08	A4CB5	Solid	Phenanthrene	56.000	J	35	200	ug/Kg
P3087-08	A4CB5	Solid	Pyrene	91.000	J	58	200	ug/Kg
Total Svoc :				539.00				
Total Concentration:				4,258.00				
Client ID : A4CC1								
P3087-09	A4CC1	Solid	(DEL) Alkane: Cyclic21.286	*	190.000	J		
P3087-09	A4CC1	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	170.000	J		
P3087-09	A4CC1	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P3087-09	A4CC1	Solid	Anthra(2,3-b)thiophene	*	140.000	J		
P3087-09	A4CC1	Solid	n-Hexadecanoic acid	*	190.000	J		
P3087-09	A4CC1	Solid	unknown-01	*	220.000	J		
P3087-09	A4CC1	Solid	Total Alkanes	*	190.000	44	310	ug/Kg
Total Tics :				1,280.00				
P3087-09	A4CC1	Solid	Anthracene		140.000	J	46	310 ug/Kg
P3087-09	A4CC1	Solid	Benzo(a)anthracene		310.000		50	310 ug/Kg
P3087-09	A4CC1	Solid	Benzo(a)pyrene		140.000	J	59	310 ug/Kg
P3087-09	A4CC1	Solid	Benzo(b)fluoranthene		360.000		61	310 ug/Kg
P3087-09	A4CC1	Solid	Benzo(k)fluoranthene		150.000	J	70	310 ug/Kg
P3087-09	A4CC1	Solid	Carbazole		66.000	J	51	610 ug/Kg
P3087-09	A4CC1	Solid	Chrysene		320.000		57	310 ug/Kg
P3087-09	A4CC1	Solid	Fluoranthene		690.000		99	310 ug/Kg
P3087-09	A4CC1	Solid	Fluorene		81.000	J	46	310 ug/Kg
P3087-09	A4CC1	Solid	Indeno(1,2,3-cd)pyrene		97.000	J	57	310 ug/Kg
P3087-09	A4CC1	Solid	Phenanthrene		650.000		53	310 ug/Kg
P3087-09	A4CC1	Solid	Pyrene		450.000		90	310 ug/Kg
Total Svoc :				3,454.00				
Total Concentration:				4,734.00				
Client ID : A4CE6								
P3087-10	A4CE6	Solid	(DEL) Alkane: Straight-Chain21.2	*	150.000	J		
P3087-10	A4CE6	Solid	n-Hexadecanoic acid	*	130.000	J		
P3087-10	A4CE6	Solid	Total Alkanes	*	150.000	27	190	ug/Kg
Total Tics :				430.00				
Total Concentration:				430.00				
Client ID : A4CE9								
P3087-11	A4CE9	Solid	(DEL) Alkane: Cyclic21.280	*	230.000	J		
P3087-11	A4CE9	Solid	(DEL) Alkane: Straight-Chain24.0	*	230.000	J		

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SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-11	A4CE9	Solid	(DEL) Alkane: Straight-Chain26.2	*	380.000	J		
P3087-11	A4CE9	Solid	n-Hexadecanoic acid	*	270.000	J		
P3087-11	A4CE9	Solid	Total Alkanes	*	840.000	29	200	ug/Kg
Total Tics :				1,950.00				
P3087-11	A4CE9	Solid	Benzo(a)anthracene		97.000	J	32	200 ug/Kg
P3087-11	A4CE9	Solid	Benzo(a)pyrene		55.000	J	38	200 ug/Kg
P3087-11	A4CE9	Solid	Benzo(b)fluoranthene		160.000	J	39	200 ug/Kg
P3087-11	A4CE9	Solid	Benzo(k)fluoranthene		53.000	J	45	200 ug/Kg
P3087-11	A4CE9	Solid	Chrysene		130.000	J	37	200 ug/Kg
P3087-11	A4CE9	Solid	Fluoranthene		190.000	J	65	200 ug/Kg
P3087-11	A4CE9	Solid	Indeno(1,2,3-cd)pyrene		44.000	J	37	200 ug/Kg
P3087-11	A4CE9	Solid	Phenanthrene		110.000	J	35	200 ug/Kg
P3087-11	A4CE9	Solid	Pyrene		140.000	J	59	200 ug/Kg
Total Svoc :				979.00				
Total Concentration:				2,929.00				
Client ID : A4BC6								
P3087-12	A4BC6	Solid	(DEL) Alkane: Straight-Chain22.4	*	450.000	J		
P3087-12	A4BC6	Solid	(DEL) Alkane: Straight-Chain24.0	*	1,000.000	J		
P3087-12	A4BC6	Solid	1-Heneicosyl formate	*	430.000	J		
P3087-12	A4BC6	Solid	n-Hexadecanoic acid	*	510.000	J		
P3087-12	A4BC6	Solid	Total Alkanes	*	1,500.000	48	340	ug/Kg
Total Tics :				3,890.00				
P3087-12	A4BC6	Solid	Anthracene		79.000	J	50	340 ug/Kg
P3087-12	A4BC6	Solid	Benzo(a)anthracene		430.000		54	340 ug/Kg
P3087-12	A4BC6	Solid	Benzo(a)pyrene		230.000	J	64	340 ug/Kg
P3087-12	A4BC6	Solid	Benzo(b)fluoranthene		710.000		66	340 ug/Kg
P3087-12	A4BC6	Solid	Benzo(k)fluoranthene		230.000	J	76	340 ug/Kg
P3087-12	A4BC6	Solid	Chrysene		530.000		62	340 ug/Kg
P3087-12	A4BC6	Solid	Dibenzo(a,h)anthracene		89.000	J	56	340 ug/Kg
P3087-12	A4BC6	Solid	Fluoranthene		910.000		110	340 ug/Kg
P3087-12	A4BC6	Solid	Indeno(1,2,3-cd)pyrene		200.000	J	62	340 ug/Kg
P3087-12	A4BC6	Solid	Phenanthrene		470.000		58	340 ug/Kg
P3087-12	A4BC6	Solid	Pyrene		590.000		98	340 ug/Kg
Total Svoc :				4,468.00				
Total Concentration:				8,358.00				
Client ID : A4BP1								
P3087-13	A4BP1	Solid	(DEL) Alkane: Cyclic21.280	*	230.000	J		
P3087-13	A4BP1	Solid	Benzeneethanol, 4-hydroxy-	*	190.000	J		
P3087-13	A4BP1	Solid	n-Hexadecanoic acid	*	230.000	J		
P3087-13	A4BP1	Solid	Total Alkanes	*	230.000	61	430	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				880.00				
Total Concentration:				880.00				
Client ID : A4BQ8								
P3087-14	A4BQ8	Solid	(DEL) Alkane: Straight-Chain21.2 *	280.000	J			
P3087-14	A4BQ8	Solid	n-Hexadecanoic acid *	330.000	J			
P3087-14	A4BQ8	Solid	Total Alkanes *	280.000		48	340	ug/Kg
Total Tics :				890.00				
P3087-14	A4BQ8	Solid	Benzo(a)anthracene	200.000	J	54	340	ug/Kg
P3087-14	A4BQ8	Solid	Benzo(a)pyrene	110.000	J	64	340	ug/Kg
P3087-14	A4BQ8	Solid	Benzo(b)fluoranthene	290.000	J	66	340	ug/Kg
P3087-14	A4BQ8	Solid	Benzo(k)fluoranthene	120.000	J	76	340	ug/Kg
P3087-14	A4BQ8	Solid	Chrysene	230.000	J	62	340	ug/Kg
P3087-14	A4BQ8	Solid	Fluoranthene	390.000		110	340	ug/Kg
P3087-14	A4BQ8	Solid	Indeno(1,2,3-cd)pyrene	88.000	J	62	340	ug/Kg
P3087-14	A4BQ8	Solid	Phenanthrene	250.000	J	58	340	ug/Kg
P3087-14	A4BQ8	Solid	Pyrene	270.000	J	98	340	ug/Kg
Total Svoc :				1,948.00				
Total Concentration:				2,838.00				
Client ID : A4BR4								
P3087-19	A4BR4	Solid	(DEL) Alkane: Straight-Chain21.2 *	140.000	J			
P3087-19	A4BR4	Solid	n-Hexadecanoic acid *	160.000	J			
P3087-19	A4BR4	Solid	Total Alkanes *	140.000		36	260	ug/Kg
Total Tics :				440.00				
Total Concentration:				440.00				
Client ID : A4BR6								
P3087-21	A4BR6	Solid	1-Docosanethiol *	210.000	J			
P3087-21	A4BR6	Solid	n-Nonadecanol-1 *	130.000	J			
P3087-21	A4BR6	Solid	unknown-01 *	180.000	J			
P3087-21	A4BR6	Solid	unknown-02 *	350.000	J			
P3087-21	A4BR6	Solid	Total Alkanes *	0.000		37	260	ug/Kg
Total Tics :				870.00				
Total Concentration:				870.00				
Client ID : A4CY9								
P3087-22	A4CY9	Solid	n-Hexadecanoic acid *	19.000	J			
P3087-22	A4CY9	Solid	Pentadecafluorooctanoic acid, octa *	25.000	J			
P3087-22	A4CY9	Solid	Total Alkanes *	0.000		4.1	29	ug/Kg
Total Tics :				44.00				
Total Concentration:				44.00				

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CC5								
P3088-02	A4CC5	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3088-02	A4CC5	Solid	Isopropyl Alcohol	*	120.000	J		
P3088-02	A4CC5	Solid	n-Hexadecanoic acid	*	160.000	J		
P3088-02	A4CC5	Solid	Octacosyl acetate	*	120.000	J		
P3088-02	A4CC5	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				600.00				
P3088-02	A4CC5	Solid	Benzo(b)fluoranthene		42.000	J 40	210	ug/Kg
P3088-02	A4CC5	Solid	Fluoranthene		66.000	J 65	210	ug/Kg
P3088-02	A4CC5	Solid	Phenanthrene		41.000	J 35	210	ug/Kg
Total Svoc :				149.00				
Total Concentration:				749.00				
Client ID : A4CY3								
P3088-11	A4CY3	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	130.000	J		
P3088-11	A4CY3	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P3088-11	A4CY3	Solid	n-Hexadecanoic acid	*	230.000	J		
P3088-11	A4CY3	Solid	Pentadecafluorooctanoic acid, hex	*	240.000	J		
P3088-11	A4CY3	Solid	unknown-01	*	220.000	J		
P3088-11	A4CY3	Solid	Total Alkanes	*	0.000	45	320	ug/Kg
Total Tics :				1,040.00				
P3088-11	A4CY3	Solid	Anthracene		100.000	J 47	320	ug/Kg
P3088-11	A4CY3	Solid	Benzo(a)anthracene		380.000	51	320	ug/Kg
P3088-11	A4CY3	Solid	Benzo(a)pyrene		210.000	J 61	320	ug/Kg
P3088-11	A4CY3	Solid	Benzo(b)fluoranthene		550.000	62	320	ug/Kg
P3088-11	A4CY3	Solid	Benzo(k)fluoranthene		200.000	J 72	320	ug/Kg
P3088-11	A4CY3	Solid	Bis(2-ethylhexyl)phthalate		320.000	180	320	ug/Kg
P3088-11	A4CY3	Solid	Chrysene		460.000	59	320	ug/Kg
P3088-11	A4CY3	Solid	Dibenzo(a,h)anthracene		68.000	J 53	320	ug/Kg
P3088-11	A4CY3	Solid	Fluoranthene		800.000	100	320	ug/Kg
P3088-11	A4CY3	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 59	320	ug/Kg
P3088-11	A4CY3	Solid	Phenanthrene		530.000	55	320	ug/Kg
P3088-11	A4CY3	Solid	Pyrene		570.000	93	320	ug/Kg
Total Svoc :				4,338.00				
Total Concentration:				5,378.00				
Client ID : A4D02								
P3088-14	A4D02	Solid	(DEL) Alkane: Cyclic24.168	*	3,100.000	J		
P3088-14	A4D02	Solid	(DEL) Alkane: Straight-Chain19.(	*	110.000	J		
P3088-14	A4D02	Solid	(DEL) Alkane: Straight-Chain21.2	*	2,400.000	J		
P3088-14	A4D02	Solid	(DEL) Alkane: Straight-Chain23.2	*	340.000	J		
P3088-14	A4D02	Solid	(DEL) Alkane: Straight-Chain24.(	*	6,000.000	J		

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SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-14	A4D02	Solid	(DEL) Alkane: Straight-Chain26.2 *	4,300.000	J			
P3088-14	A4D02	Solid	.gamma.-Sitosterol *	1,700.000	J			
P3088-14	A4D02	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo *	230.000	J			
P3088-14	A4D02	Solid	1,1-Biphenyl, 2,2,4,6-Tetrachlor *	250.000	J			
P3088-14	A4D02	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	250.000	J			
P3088-14	A4D02	Solid	1,19-Eicosadiene *	680.000	J			
P3088-14	A4D02	Solid	1-Heneicosanol *	390.000	J			
P3088-14	A4D02	Solid	1-Heptacosanol *	5,500.000	J			
P3088-14	A4D02	Solid	2-Nonacosanone *	390.000	J			
P3088-14	A4D02	Solid	2-Pentacosanone *	1,500.000	J			
P3088-14	A4D02	Solid	2-Pentenoic acid, 5-(decahydro-5, *	970.000	J			
P3088-14	A4D02	Solid	Acridin-9-amine, 1,2,3,4-tetrahyd *	1,500.000	J			
P3088-14	A4D02	Solid	Cryptostrobin *	420.000	J			
P3088-14	A4D02	Solid	D-Friedoolean-14-en-3-ol *	380.000	J			
P3088-14	A4D02	Solid	Dehydroabietic acid *	340.000	J			
P3088-14	A4D02	Solid	Ethyl 3-hydroxyphenylacetate, TM *	310.000	J			
P3088-14	A4D02	Solid	Hexacosanal *	2,900.000	J			
P3088-14	A4D02	Solid	Isopimaric acid *	480.000	J			
P3088-14	A4D02	Solid	n-Hexadecanoic acid *	1,100.000	J			
P3088-14	A4D02	Solid	n-Tetracosanol-1 *	3,000.000	J			
P3088-14	A4D02	Solid	Naphthalene, 1-(1-decylundecyl)d *	420.000	J			
P3088-14	A4D02	Solid	Nonacosanal *	4,700.000	J			
P3088-14	A4D02	Solid	Octacosanol *	3,800.000	J			
P3088-14	A4D02	Solid	Octadecanal *	470.000	J			
P3088-14	A4D02	Solid	Octadecanoic acid *	520.000	J			
P3088-14	A4D02	Solid	Oxirane, hexadecyl- *	970.000	J			
P3088-14	A4D02	Solid	Pentacosanal *	2,100.000	J			
P3088-14	A4D02	Solid	Phenanthrene, 7-ethenyl-1,2,3,4,4: *	280.000	J			
P3088-14	A4D02	Solid	Tetracosanoic acid *	410.000	J			
P3088-14	A4D02	Solid	Trichloroacetic acid, hexadecyl es *	200.000	J			
P3088-14	A4D02	Solid	unknown-01 *	240.000	J			
P3088-14	A4D02	Solid	Total Alkanes *	16,000.000		36	250	ug/Kg
Total Tics :				68,650.00				
P3088-14	A4D02	Solid	Anthracene	84.000	J	37	250	ug/Kg
P3088-14	A4D02	Solid	Benzaldehyde	860.000		67	490	ug/Kg
P3088-14	A4D02	Solid	Benzo(a)anthracene	310.000		40	250	ug/Kg
P3088-14	A4D02	Solid	Benzo(a)pyrene	160.000	J	47	250	ug/Kg
P3088-14	A4D02	Solid	Benzo(b)fluoranthene	450.000		49	250	ug/Kg
P3088-14	A4D02	Solid	Benzo(k)fluoranthene	190.000	J	56	250	ug/Kg
P3088-14	A4D02	Solid	Chrysene	390.000		46	250	ug/Kg

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SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-14	A4D02	Solid	Dibenzo(a,h)anthracene	65.000	J	42	250	ug/Kg
P3088-14	A4D02	Solid	Fluoranthene	620.000		80	250	ug/Kg
P3088-14	A4D02	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	46	250	ug/Kg
P3088-14	A4D02	Solid	Phenanthrene	410.000		43	250	ug/Kg
P3088-14	A4D02	Solid	Pyrene	440.000		73	250	ug/Kg
Total Svoc :				4,109.00				
Total Concentration:				72,759.00				
Client ID : A4D09								
P3088-15	A4D09	Solid	(DEL) Alkane: Straight-Chain24.(*	950.000	J			
P3088-15	A4D09	Solid	(DEL) Alkane: Straight-Chain26.2 *	1,300.000	J			
P3088-15	A4D09	Solid	.gamma.-Sitostenone *	420.000	J			
P3088-15	A4D09	Solid	1-Phenoxypropan-2-ol *	160.000	J			
P3088-15	A4D09	Solid	11,12-Dibromo-tetradecan-1-ol ac *	170.000	J			
P3088-15	A4D09	Solid	2-Tritriacontanone *	240.000	J			
P3088-15	A4D09	Solid	4-Methyl-dodec-3-en-1-ol *	1,500.000	J			
P3088-15	A4D09	Solid	4-n-Pentylthiane, S,S-dioxide *	1,200.000	J			
P3088-15	A4D09	Solid	7-Tetradecyne *	220.000	J			
P3088-15	A4D09	Solid	Cyclohexanone, 2,3,3-trimethyl-2. *	730.000	J			
P3088-15	A4D09	Solid	Heptacosyl acetate *	1,400.000	J			
P3088-15	A4D09	Solid	Heptadecyl heptafluorobutyrate *	720.000	J			
P3088-15	A4D09	Solid	Hexacosanal *	350.000	J			
P3088-15	A4D09	Solid	n-Hexadecanoic acid *	480.000	J			
P3088-15	A4D09	Solid	Naphthalene, decahydro-2,6-dime *	510.000	J			
P3088-15	A4D09	Solid	Octacosanol *	340.000	J			
P3088-15	A4D09	Solid	Octadecanoic acid *	170.000	J			
P3088-15	A4D09	Solid	Oxirane, heptadecyl- *	610.000	J			
P3088-15	A4D09	Solid	Stigmast-4-en-3-one *	660.000	J			
P3088-15	A4D09	Solid	Triacetyl acetate *	710.000	J			
P3088-15	A4D09	Solid	unknown-01 *	110.000	J			
P3088-15	A4D09	Solid	Total Alkanes *	2,300.000		28	200	ug/Kg
Total Tics :				15,250.00				
P3088-15	A4D09	Solid	Benzo(a)anthracene	58.000	J	31	200	ug/Kg
P3088-15	A4D09	Solid	Benzo(b)fluoranthene	87.000	J	38	200	ug/Kg
P3088-15	A4D09	Solid	Chrysene	67.000	J	36	200	ug/Kg
P3088-15	A4D09	Solid	Fluoranthene	99.000	J	63	200	ug/Kg
P3088-15	A4D09	Solid	Phenanthrene	59.000	J	34	200	ug/Kg
P3088-15	A4D09	Solid	Pyrene	77.000	J	57	200	ug/Kg
Total Svoc :				447.00				
Total Concentration:				15,697.00				

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SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D12								
P3088-17	A4D12	Solid	(DEL) Alkane: Cyclic29.698	*	3,200.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain21.2	*	4,100.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain21.8	*	880.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain22.5	*	8,400.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain23.2	*	630.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain24.0	*	11,000.000	J		
P3088-17	A4D12	Solid	(DEL) Alkane: Straight-Chain26.2	*	8,200.000	J		
P3088-17	A4D12	Solid	.gamma.-Sitosterol	*	4,100.000	J		
P3088-17	A4D12	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlo	*	530.000	J		
P3088-17	A4D12	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo	*	520.000	J		
P3088-17	A4D12	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	580.000	J		
P3088-17	A4D12	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	850.000	J		
P3088-17	A4D12	Solid	1,19-Eicosadiene	*	880.000	J		
P3088-17	A4D12	Solid	1-Dodecanol, 2-hexyl-	*	320.000	J		
P3088-17	A4D12	Solid	1-Heneicosyl formate	*	1,200.000	J		
P3088-17	A4D12	Solid	1-Heptacosanol	*	6,800.000	J		
P3088-17	A4D12	Solid	1-Phenoxypropan-2-ol	*	400.000	J		
P3088-17	A4D12	Solid	13-Docosen-1-ol, (Z)-	*	5,100.000	J		
P3088-17	A4D12	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl	*	320.000	J		
P3088-17	A4D12	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	470.000	J		
P3088-17	A4D12	Solid	2,2,4,6-Tetrachloro-1,1-bipheny	*	250.000	J		
P3088-17	A4D12	Solid	2,3,3,4,5-Pentachloro-1,1-biphe	*	280.000	J		
P3088-17	A4D12	Solid	2-Heptacosanone	*	1,100.000	J		
P3088-17	A4D12	Solid	2-Pentacosanone	*	490.000	J		
P3088-17	A4D12	Solid	3-Penten-2-ol	*	270.000	J		
P3088-17	A4D12	Solid	Benzeneacetic acid	*	290.000	J		
P3088-17	A4D12	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	580.000	J		
P3088-17	A4D12	Solid	D-Friedoolean-14-en-3-ol	*	3,000.000	J		
P3088-17	A4D12	Solid	Docosanal	*	300.000	J		
P3088-17	A4D12	Solid	Eicosanal-	*	270.000	J		
P3088-17	A4D12	Solid	n-Hexadecanoic acid	*	2,100.000	J		
P3088-17	A4D12	Solid	n-Tetracosanol-1	*	5,900.000	J		
P3088-17	A4D12	Solid	Nonacosanal	*	9,100.000	J		
P3088-17	A4D12	Solid	Octadecanal	*	920.000	J		
P3088-17	A4D12	Solid	Octadecanoic acid	*	650.000	J		
P3088-17	A4D12	Solid	Oxirane, heptadecyl-	*	8,000.000	J		
P3088-17	A4D12	Solid	Tetracosanoic acid	*	1,400.000	J		
P3088-17	A4D12	Solid	Total Alkanes	*	36,000.000	34	240	ug/Kg
Total Tics :					129,380.00			

Hit Summary Sheet SW-846

SDG No.: BP071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-17	A4D12	Solid	Acenaphthylene	90.000	J	45	240	ug/Kg
P3088-17	A4D12	Solid	Anthracene	150.000	J	35	240	ug/Kg
P3088-17	A4D12	Solid	Benzaldehyde	710.000		64	470	ug/Kg
P3088-17	A4D12	Solid	Benzo(a)anthracene	580.000		38	240	ug/Kg
P3088-17	A4D12	Solid	Benzo(a)pyrene	330.000		45	240	ug/Kg
P3088-17	A4D12	Solid	Benzo(b)fluoranthene	920.000		47	240	ug/Kg
P3088-17	A4D12	Solid	Benzo(k)fluoranthene	310.000		54	240	ug/Kg
P3088-17	A4D12	Solid	Bis(2-ethylhexyl)phthalate	180.000	J	140	240	ug/Kg
P3088-17	A4D12	Solid	Carbazole	83.000	J	40	470	ug/Kg
P3088-17	A4D12	Solid	Chrysene	700.000		44	240	ug/Kg
P3088-17	A4D12	Solid	Dibenzo(a,h)anthracene	130.000	J	40	240	ug/Kg
P3088-17	A4D12	Solid	Fluoranthene	1,100.000		76	240	ug/Kg
P3088-17	A4D12	Solid	Fluorene	50.000	J	35	240	ug/Kg
P3088-17	A4D12	Solid	Indeno(1,2,3-cd)pyrene	250.000		44	240	ug/Kg
P3088-17	A4D12	Solid	Phenanthrene	700.000		41	240	ug/Kg
P3088-17	A4D12	Solid	Pyrene	760.000		69	240	ug/Kg
Total Svoc :				7,043.00				
Total Concentration:				136,423.00				
Client ID : A4CZ0								
P3088-19	A4CZ0	Solid	(DEL) Alkane: Straight-Chain21.2 *	170.000	J			
P3088-19	A4CZ0	Solid	(S)-(+)-1,2-Propanediol *	140.000	J			
P3088-19	A4CZ0	Solid	1-Phenoxypropan-2-ol *	240.000	J			
P3088-19	A4CZ0	Solid	n-Hexadecanoic acid *	170.000	J			
P3088-19	A4CZ0	Solid	Total Alkanes *	170.000		42	300	ug/Kg
Total Tics :				890.00				
Total Concentration:				890.00				
Client ID : YDZJ3								
P3137-07	YDZJ3	Water	1-Heneicosyl formate *	3.100	J			
P3137-07	YDZJ3	Water	n-Hexadecanoic acid *	4.800	J			
P3137-07	YDZJ3	Water	Total Alkanes *	0.000		1.1	5	ug/L
Total Tics :				7.90				
Total Concentration:				7.90				
Client ID : YDZJ4								
P3137-08	YDZJ4	Water	(DEL) Alkane: Straight-Chain21.2 *	3.900	J			
P3137-08	YDZJ4	Water	3,5-di-tert-Butyl-4-hydroxyphenyl *	2.200	J			
P3137-08	YDZJ4	Water	Benzamide, N-(3-methylphenyl)-4 *	3.600	J			
P3137-08	YDZJ4	Water	N-[2-(4-Methoxyphenyl)ethyl]-3-1 *	2.200	J			
P3137-08	YDZJ4	Water	n-Hexadecanoic acid *	4.800	J			
P3137-08	YDZJ4	Water	Octadecanoic acid *	5.700	J			

Hit Summary Sheet SW-846

SDG No.: BP071124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-08	YDZJ4	Water	unknown-01	*	2.300	J		
P3137-08	YDZJ4	Water	unknown-02	*	4.100	J		
P3137-08	YDZJ4	Water	Total Alkanes	*	3.900	1.1	5.2	ug/L
Total Tics :						32.70		
Total Concentration:						32.70		
Client ID : YDZF7								
P3138-01	YDZF7	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 14:29 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020646 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:11

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	SBLK907	250042	7.72	1.13524e	10.49	801298	14.35
02	YDZJ3	183042	7.72	786024	10.49	538177	14.35
03	YDZJ4	200863	7.72	848615	10.49	555667	14.35
04	YDZF7	233303	7.72	1.0241e+	10.49	702315	14.35
05	SLCS907	230714	7.72	1.03025e	10.49	692291	14.35
06	A4CC5	209944	7.72	871595	10.49	567452	14.36
07	A4CC5MS	272086	7.72	1.18003e	10.49	769853	14.36
08	A4CC5MSD	226253	7.72	918529	10.49	573971	14.36
09	A4BR4	220208	7.71	956916	10.48	637837	14.36
10	A4D02	205010	7.71	839228	10.49	549046	14.35
11	A4D09	189714	7.72	724484	10.48	444417	14.35
12	A4D12	181168	7.72	713432	10.49	441799	14.35
13	SLCS883	200212	7.72	787608	10.49	495342	14.35
14	SBLK883	211275	7.72	841460	10.49	535667	14.36
15	A4CZ0	199765	7.72	764332	10.49	447515	14.36
16	A4CY3	189555	7.72	783803	10.49	513713	14.35
17	A4CB1	320970	7.72	1.34265e	10.49	788124	14.35
18	A4CY9	211776	7.72	866958	10.49	570307	14.35
19	A4BR6	340109	7.72	1.47547e	10.49	909396	14.36
20	A4CB5	220548	7.71	933007	10.49	623993	14.35
21	A4CC1	254862	7.72	1.03826e	10.49	608591	14.36
22	A4CE6	258929	7.72	1.12257e	10.49	758305	14.36
23	A4CE9	212408	7.72	842070	10.49	537063	14.36

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

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

Lab File ID: BP020882.D Time Analyzed: 04:18

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 A4BC6	294945	7.72	1.29531e	10.49	800720	14.35
25 A4BP1	245233	7.72	1.01207e	10.49	685287	14.35
26 A4BQ8	275650	7.72	1.14455e	10.49	673726	14.36
27 SLCS865	229840	7.72	965076	10.49	630769	14.36
28 SBLK865	294040	7.72	1.2194e+	10.48	713098	14.36

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.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020681 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020896.D Time Analyzed: 10:11

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	226565	7.71	1.03075e+01	10.48	716787	14.35
UPPER LIMIT	453130	8.21	2061500	10.975	1433574	14.851
LOWER LIMIT	113282.5	7.21	515375	9.975	358393.5	13.851
EPA SAMPLE NO.						
01 SBLK907	250042	7.72	1.13524e	10.49	801298	14.35
02 YDZJ3	183042	7.72	786024	10.49	538177	14.35
03 YDZJ4	200863	7.72	848615	10.49	555667	14.35
04 YDZF7	233303	7.72	1.0241e+	10.49	702315	14.35
05 SLCS907	230714	7.72	1.03025e	10.49	692291	14.35
06 A4CC5	209944	7.72	871595	10.49	567452	14.36
07 A4CC5MS	272086	7.72	1.18003e	10.49	769853	14.36
08 A4CC5MSD	226253	7.72	918529	10.49	573971	14.36
09 A4BR4	220208	7.71	956916	10.48	637837	14.36
10 A4D02	205010	7.71	839228	10.49	549046	14.35
11 A4D09	189714	7.72	724484	10.48	444417	14.35
12 A4D12	181168	7.72	713432	10.49	441799	14.35
13 SLCS883	200212	7.72	787608	10.49	495342	14.35

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020682 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020910.D Time Analyzed: 21:03

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	202534	7.722	777307	10.49	453440	14.35
UPPER LIMIT	405068	8.222	1554614	10.987	906880	14.851
LOWER LIMIT	101267	7.222	388653.5	9.987	226720	13.851
EPA SAMPLE NO.						
01 SBLK883	211275	7.72	841460	10.49	535667	14.36
02 A4CZ0	199765	7.72	764332	10.49	447515	14.36
03 A4CY3	189555	7.72	783803	10.49	513713	14.35
04 A4CB1	320970	7.72	1.34265e	10.49	788124	14.35
05 A4CY9	211776	7.72	866958	10.49	570307	14.35
06 A4BR6	340109	7.72	1.47547e	10.49	909396 *	14.36
07 A4CB5	220548	7.71	933007	10.49	623993	14.35
08 A4CC1	254862	7.72	1.03826e	10.49	608591	14.36
09 A4CE6	258929	7.72	1.12257e	10.49	758305	14.36
10 A4CE9	212408	7.72	842070	10.49	537063	14.36
11 A4BC6	294945	7.72	1.29531e	10.49	800720	14.35
12 A4BP1	245233	7.72	1.01207e	10.49	685287	14.35
13 A4BQ8	275650	7.72	1.14455e	10.49	673726	14.36
14 SLCS865	229840	7.72	965076	10.49	630769	14.36

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020683 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BP020925.D Time Analyzed: 08:35

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	240208	7.716	964267	10.49	595070	14.36
UPPER LIMIT	480416	8.216	1928534	10.993	1190140	14.857
LOWER LIMIT	120104	7.216	482133.5	9.993	297535	13.857
EPA SAMPLE NO.						
01 SBLK865	294040	7.72	1.2194e+	10.48	713098	14.36

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.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020646 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 10:11

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	SBLK907	1.70467	17.18	1.2663e+0	21.63	1.25495e+	24.98
02	YDZJ3	1.08469	17.18	876631	21.63	1.01751e+	24.96
03	YDZJ4	1.12284	17.17	944892	21.62	1.11956e+	24.97
04	YDZF7	1.38612	17.16	990267	21.62	1.11023e+	24.97
05	SLCS907	1.36224	17.18	896995	21.63	1.00678e+	24.97
06	A4CC5	1.10762	17.17	998655	21.63	1.16744e+	24.98
07	A4CC5MS	1.40109	17.17	982487	21.63	1.21704e+	24.99
08	A4CC5MSD	1.1394e	17.17	1.04137e+	21.62	1.27785e+	24.97
09	A4BR4	1.17931	17.16	860722	21.63	1.05491e+	24.96
10	A4D02	1.1186e	17.17	1.06689e+	21.62	1.25265e+	24.97
11	A4D09	908095	17.16	886103	21.63	1.05652e+	24.99
12	A4D12	928731	17.17	849748	21.62	999487	24.97
13	SLCS883	1.05222	17.18	1.03098e+	21.63	1.25173e+	24.97
14	SBLK883	1.1666e	17.17	1.17284e+	21.62	1.38398e+	24.97
15	A4CZ0	887148	17.16	936571	21.62	1.13442e+	24.96
16	A4CY3	1.11917	17.16	1.07356e+	21.62	1.2675e+0	24.97
17	A4CB1	1.43667	17.16	1.403e+00	21.62	1.62441e+	24.97
18	A4CY9	1.2416e	17.17	1.21639e+	21.62	1.3902e+0	24.96
19	A4BR6	1.57228	17.17	1.31688e+	21.63	1.56629e+	24.97
20	A4CB5	1.30909	17.16	1.26017e+	21.62	1.40882e+	24.97
21	A4CC1	1.15423	17.17	1.11755e+	21.62	1.32506e+	24.97

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

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

Lab File ID: BP020882.D Time Analyzed: 02:51

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 A4CE6	1.61184	17.17	1.49887e+	21.62	1.69715e+	24.97
23 A4CE9	1.20066	17.17	1.23288e+	21.62	1.41515e+	24.96
24 A4BC6	1.35771	17.17	1.12657e+	21.63	1.33894e+	24.98
25 A4BP1	1.50761	17.16	1.47106e+	21.62	1.68191e+	24.97
26 A4BQ8	1.18611	17.18	1.19454e+	21.63	1.39236e+	24.97
27 SLCS865	1.34498	17.17	1.28948e+	21.63	1.53128e+	24.98
28 SBLK865	1.28553	17.17	1.28584e+	21.62	1.49671e+	24.97

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.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020681 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020896.D Time Analyzed: 10:11

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	1.50702e+01	17.163	1.17497e+01	21.627	1.06126e+01	24.968
UPPER LIMIT	3014040	17.663	2349940	22.127	2122520	25.468
LOWER LIMIT	753510	16.663	587485	21.127	530630	24.468
EPA SAMPLE NO.						
01 SBLK907	1.70467	17.18	1.2663e+01	21.63	1.25495e+01	24.98
02 YDZJ3	1.08469	17.18	876631	21.63	1.01751e+01	24.96
03 YDZJ4	1.12284	17.17	944892	21.62	1.11956e+01	24.97
04 YDZF7	1.38612	17.16	990267	21.62	1.11023e+01	24.97
05 SLCS907	1.36224	17.18	896995	21.63	1.00678e+01	24.97
06 A4CC5	1.10762	17.17	998655	21.63	1.16744e+01	24.98
07 A4CC5MS	1.40109	17.17	982487	21.63	1.21704e+01	24.99
08 A4CC5MSD	1.1394e	17.17	1.04137e+01	21.62	1.27785e+01	24.97
09 A4BR4	1.17931	17.16	860722	21.63	1.05491e+01	24.96
10 A4D02	1.1186e	17.17	1.06689e+01	21.62	1.25265e+01	24.97
11 A4D09	908095	17.16	886103	21.63	1.05652e+01	24.99
12 A4D12	928731	17.17	849748	21.62	999487	24.97
13 SLCS883	1.05222	17.18	1.03098e+01	21.63	1.25173e+01	24.97

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.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020682 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BP020910.D Time Analyzed: 21:03

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	935784	17.163	993506	21.616	1.16384e+01	24.974
UPPER LIMIT	1871568	17.663	1987012	22.116	2327680	25.474
LOWER LIMIT	467892	16.663	496753	21.116	581920	24.474
EPA SAMPLE NO.						
01 SBLK883	1.1666e	17.17	1.17284e+	21.62	1.38398e+	24.97
02 A4CZ0	887148	17.16	936571	21.62	1.13442e+	24.96
03 A4CY3	1.11917	17.16	1.07356e+	21.62	1.2675e+0	24.97
04 A4CB1	1.43667	17.16	1.403e+00	21.62	1.62441e+	24.97
05 A4CY9	1.2416e	17.17	1.21639e+	21.62	1.3902e+0	24.96
06 A4BR6	1.57228	17.17	1.31688e+	21.63	1.56629e+	24.97
07 A4CB5	1.30909	17.16	1.26017e+	21.62	1.40882e+	24.97
08 A4CC1	1.15423	17.17	1.11755e+	21.62	1.32506e+	24.97
09 A4CE6	1.61184	17.17	1.49887e+	21.62	1.69715e+	24.97
10 A4CE9	1.20066	17.17	1.23288e+	21.62	1.41515e+	24.96
11 A4BC6	1.35771	17.17	1.12657e+	21.63	1.33894e+	24.98
12 A4BP1	1.50761	17.16	1.47106e+	21.62	1.68191e+	24.97
13 A4BQ8	1.18611	17.18	1.19454e+	21.63	1.39236e+	24.97
14 SLCS865	1.34498	17.17	1.28948e+	21.63	1.53128e+	24.98

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP071124 SAS No.: BP071124 SDG NO.: BP071124

EPA Sample No.: SSTD020683 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BP020925.D Time Analyzed: 08:35

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	1.26868e+01	17.163	1.25434e+	21.622	1.41966e+01	24.968
UPPER LIMIT	2537360	17.663	2508680	22.122	2839320	25.468
LOWER LIMIT	634340	16.663	627170	21.122	709830	24.468
EPA SAMPLE NO.						
01 SBLK865	1.28553	17.17	1.28584e+	21.62	1.49671e+	24.97

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161865BS	1,4-Dioxane	530	390	ug/Kg	74				0	0		
	Benzaldehyde	1300	1200	ug/Kg	92				0	0		
	Pyridine	1300	940	ug/Kg	72				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	970	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	970	ug/Kg	75				0	0		
	Acetophenone	1300	980	ug/Kg	75				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	940	ug/Kg	72				0	0		
	Hexachloroethane	1300	980	ug/Kg	75				0	0		
	Nitrobenzene	1300	990	ug/Kg	76				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	760	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	950	ug/Kg	73				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	990	ug/Kg	76				0	0		
	4-Chloroaniline	1300	920	ug/Kg	71				0	0		
	Hexachlorobutadiene	1300	970	ug/Kg	75				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	970	ug/Kg	75				0	0		
	2-Methylnaphthalene	1300	990	ug/Kg	76				0	0		
	Hexachlorocyclopentadiene	1300	520	ug/Kg	40				0	0		
	2,4,6-Trichlorophenol	1300	990	ug/Kg	76				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	990	ug/Kg	76				0	0		
	2-Chloronaphthalene	1300	990	ug/Kg	76				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	980	ug/Kg	75				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	980	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	1000	ug/Kg	77				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	980	ug/Kg	75				0	0		
	4-Nitroaniline	1300	1500	ug/Kg	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161865BS	4,6-Dinitro-2-methylphenol	1300	970	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	960	ug/Kg	74				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	950	ug/Kg	73				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Atrazine	1300	510	ug/Kg	39				0	0		
	Pentachlorophenol	1300	890	ug/Kg	68				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	980	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	900	ug/Kg	69				0	0		
	Pyrene	1300	920	ug/Kg	71				0	0		
	Butylbenzylphthalate	1300	930	ug/Kg	72				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	940	ug/Kg	72				0	0		
	Di-n-octylphthalate	1300	990	ug/Kg	76				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	960	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161883BS	1,4-Dioxane	530	330	ug/Kg	62				0	0		
	Benzaldehyde	1300	940	ug/Kg	72				0	0		
	Pyridine	1300	780	ug/Kg	60				0	0		
	Phenol	1300	810	ug/Kg	62				0	0		
	Bis(2-chloroethyl)ether	1300	790	ug/Kg	61				0	0		
	2-Chlorophenol	1300	840	ug/Kg	65				0	0		
	2-Methylphenol	1300	780	ug/Kg	60				0	0		
	2,2-oxybis(1-Chloropropane)	1300	770	ug/Kg	59				0	0		
	Acetophenone	1300	790	ug/Kg	61				0	0		
	4-Methylphenol	1300	790	ug/Kg	61				0	0		
	N-Nitroso-di-n-propylamine	1300	740	ug/Kg	57				0	0		
	Hexachloroethane	1300	820	ug/Kg	63				0	0		
	Nitrobenzene	1300	830	ug/Kg	64				0	0		
	Isophorone	1300	770	ug/Kg	59				0	0		
	2-Nitrophenol	1300	860	ug/Kg	66				0	0		
	2,4-Dimethylphenol	1300	640	ug/Kg	49				0	0		
	Bis(2-chloroethoxy)methane	1300	780	ug/Kg	60				0	0		
	2,4-Dichlorophenol	1300	860	ug/Kg	66				0	0		
	Naphthalene	1300	830	ug/Kg	64				0	0		
	4-Chloroaniline	1300	710	ug/Kg	55				0	0		
	Hexachlorobutadiene	1300	850	ug/Kg	65				0	0		
	Caprolactam	1300	880	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	850	ug/Kg	65				0	0		
	1-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	2-Methylnaphthalene	1300	820	ug/Kg	63				0	0		
	Hexachlorocyclopentadiene	1300	450	ug/Kg	35				0	0		
	2,4,6-Trichlorophenol	1300	840	ug/Kg	65				0	0		
	2,4,5-Trichlorophenol	1300	860	ug/Kg	66				0	0		
	1,1'-Biphenyl	1300	840	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	840	ug/Kg	65				0	0		
	2-Nitroaniline	1300	920	ug/Kg	71				0	0		
	Dimethylphthalate	1300	840	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	880	ug/Kg	68				0	0		
	Acenaphthylene	1300	840	ug/Kg	65				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrophenol	1300	900	ug/Kg	69				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	860	ug/Kg	66				0	0		
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0		
	Diethylphthalate	1300	870	ug/Kg	67				0	0		
	Fluorene	1300	860	ug/Kg	66				0	0		
	4-Chlorophenyl-phenylether	1300	830	ug/Kg	64				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161883BS	4,6-Dinitro-2-methylphenol	1300	860	ug/Kg	66				0	0		
	N-Nitrosodiphenylamine	1300	830	ug/Kg	64				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0		
	4-Bromophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	Hexachlorobenzene	1300	840	ug/Kg	65				0	0		
	Atrazine	1300	450	ug/Kg	35				0	0		
	Pentachlorophenol	1300	770	ug/Kg	59				0	0		
	Phenanthrene	1300	860	ug/Kg	66				0	0		
	Pentachlorobenzene	1300	800	ug/Kg	62				0	0		
	Anthracene	1300	850	ug/Kg	65				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	810	ug/Kg	62				0	0		
	Carbazole	1300	960	ug/Kg	74				0	0		
	Di-n-butylphthalate	1300	910	ug/Kg	70				0	0		
	Fluoranthene	1300	750	ug/Kg	58				0	0		
	Pyrene	1300	780	ug/Kg	60				0	0		
	Butylbenzylphthalate	1300	800	ug/Kg	62				0	0		
	3,3'-Dichlorobenzidine	1300	850	ug/Kg	65				0	0		
	Benzo(a)anthracene	1300	850	ug/Kg	65				0	0		
	Chrysene	1300	880	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	800	ug/Kg	62				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	850	ug/Kg	65				0	0		
	Benzo(k)fluoranthene	1300	850	ug/Kg	65				0	0		
	Benzo(a)pyrene	1300	790	ug/Kg	61				0	0		
	Indeno(1,2,3-cd)pyrene	1300	860	ug/Kg	66				0	0		
	Dibenzo(a,h)anthracene	1300	860	ug/Kg	66				0	0		
	Benzo(g,h,i)perylene	1300	830	ug/Kg	64				0	0		
	2,3,4,6-Tetrachlorophenol	1300	810	ug/Kg	62				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161907BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	32	ug/L	80				0	0		
	Pyridine	40	28	ug/L	70				0	0		
	Phenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0		
	2-Chlorophenol	40	32	ug/L	80				0	0		
	2-Methylphenol	40	33	ug/L	83				0	0		
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0		
	Acetophenone	40	33	ug/L	83				0	0		
	4-Methylphenol	40	34	ug/L	85				0	0		
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0		
	Hexachloroethane	40	31	ug/L	78				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	30	ug/L	75				0	0		
	2-Nitrophenol	40	32	ug/L	80				0	0		
	2,4-Dimethylphenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0		
	2,4-Dichlorophenol	40	31	ug/L	78				0	0		
	Naphthalene	40	30	ug/L	75				0	0		
	4-Chloroaniline	40	27	ug/L	68				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0		
	1-Methylnaphthalene	40	30	ug/L	75				0	0		
	2-Methylnaphthalene	40	31	ug/L	78				0	0		
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0		
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0		
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0		
	1,1'-Biphenyl	40	30	ug/L	75				0	0		
	2-Chloronaphthalene	40	30	ug/L	75				0	0		
	2-Nitroaniline	40	33	ug/L	83				0	0		
	Dimethylphthalate	40	30	ug/L	75				0	0		
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	34	ug/L	85				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	34	ug/L	85				0	0		
	4-Nitrophenol	40	33	ug/L	83				0	0		
	Dibenzofuran	40	31	ug/L	78				0	0		
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0		
	Diethylphthalate	40	31	ug/L	78				0	0		
	Fluorene	40	30	ug/L	75				0	0		
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0		
	4-Nitroaniline	40	38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161907BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0		
	N-Nitrosodiphenylamine	40	31	ug/L	78				0	0		
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	4-Bromophenyl-phenylether	40	31	ug/L	78				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	7.6	ug/L	19				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	31	ug/L	78				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	30	ug/L	75				0	0		
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	34	ug/L	85				0	0		
	Pyrene	40	35	ug/L	88				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	29	ug/L	73				0	0		
	Benzo(a)anthracene	40	31	ug/L	78				0	0		
	Chrysene	40	31	ug/L	78				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	30	ug/L	75				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK865

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071124

SAS No.: BP071124 SDG NO.: BP071124

Lab File ID: BP020926.D

Lab Sample ID: PB161865BL

Instrument ID: BNA_P

Date Extracted: 07/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 08:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BR4	P3087-19	BP020905.D	07/11/2024
A4CB1	P3087-06	BP020914.D	07/11/2024
A4CY9	P3087-22	BP020915.D	07/11/2024
A4BR6	P3087-21	BP020916.D	07/12/2024
A4CB5	P3087-08	BP020917.D	07/12/2024
A4CC1	P3087-09	BP020918.D	07/12/2024
A4CE6	P3087-10	BP020919.D	07/12/2024
A4CE9	P3087-11	BP020920.D	07/12/2024
A4BC6	P3087-12	BP020921.D	07/12/2024
A4BP1	P3087-13	BP020922.D	07/12/2024
A4BQ8	P3087-14	BP020923.D	07/12/2024
PB161865BS	PB161865BS	BP020924.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK883

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071124

SAS No.: BP071124 SDG NO.: BP071124

Lab File ID: BP020911.D

Lab Sample ID: PB161883BL

Instrument ID: BNA_P

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 21:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CZ0	P3088-19	BP020912.D	07/11/2024
A4CY3	P3088-11	BP020913.D	07/11/2024
A4CC5	P3088-02	BP020902.D	07/11/2024
A4CC5MS	P3088-03MS	BP020903.D	07/11/2024
A4CC5MSD	P3088-04MSD	BP020904.D	07/11/2024
A4D02	P3088-14	BP020906.D	07/11/2024
A4D09	P3088-15	BP020907.D	07/11/2024
A4D12	P3088-17	BP020908.D	07/11/2024
PB161883BS	PB161883BS	BP020909.D	07/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK907

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP071124

SAS No.: BP071124 SDG NO.: BP071124

Lab File ID: BP020897.D

Lab Sample ID: PB161907BL

Instrument ID: BNA_P

Date Extracted: 07/01/2024

Matrix: (soil/water) Water

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 10:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZJ3	P3137-07	BP020898.D	07/11/2024
YDZJ4	P3137-08	BP020899.D	07/11/2024
YDZF7	P3138-01	BP020900.D	07/11/2024
PB161907BS	PB161907BS	BP020901.D	07/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3088-03MS	Client Sample ID:	A4CC5MS				DataFile:	BP020903.D			
1,4-Dioxane	650		500	ug/Kg	77				15	120	
Benzaldehyde	1600		930	ug/Kg	58				0	0	
Pyridine	1600		1200	ug/Kg	75				0	0	
Phenol	1600		1500	ug/Kg	94	*			26	90	
Bis(2-chloroethyl)ether	1600		1400	ug/Kg	88				0	0	
2-Chlorophenol	1600		1500	ug/Kg	94				25	102	
2-Methylphenol	1600		1400	ug/Kg	88				0	0	
2,2-oxybis(1-Chloropropane)	1600		1400	ug/Kg	88				0	0	
Acetophenone	1600		1500	ug/Kg	94				0	0	
4-Methylphenol	1600		1500	ug/Kg	94				0	0	
N-Nitroso-di-n-propylamine	1600		1400	ug/Kg	88				41	126	
Hexachloroethane	1600		1400	ug/Kg	88				0	0	
Nitrobenzene	1600		1400	ug/Kg	88				0	0	
Isophorone	1600		1400	ug/Kg	88				0	0	
2-Nitrophenol	1600		1500	ug/Kg	94				0	0	
2,4-Dimethylphenol	1600		1000	ug/Kg	63				0	0	
Bis(2-chloroethoxy)methane	1600		1400	ug/Kg	88				0	0	
2,4-Dichlorophenol	1600		1500	ug/Kg	94				0	0	
Naphthalene	1600		1400	ug/Kg	88				0	0	
4-Chloroaniline	1600		1100	ug/Kg	69				0	0	
Hexachlorobutadiene	1600		1400	ug/Kg	88				0	0	
Caprolactam	1600		1200	ug/Kg	75				0	0	
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94				26	103	
1-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
2-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
Hexachlorocyclopentadiene	1600		1200	ug/Kg	75				0	0	
2,4,6-Trichlorophenol	1600		1400	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	1600		1500	ug/Kg	94				0	0	
1,1'-Biphenyl	1600		1400	ug/Kg	88				0	0	
2-Chloronaphthalene	1600		1400	ug/Kg	88				0	0	
2-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Dimethylphthalate	1600		1400	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1600		1400	ug/Kg	88				0	0	
Acenaphthylene	1600		1300	ug/Kg	81				0	0	
3-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Acenaphthene	1600		1300	ug/Kg	81				31	137	
2,4-Dinitrophenol	1600		1500	ug/Kg	94				0	0	
4-Nitrophenol	1600		1400	ug/Kg	88				11	114	
Dibenzofuran	1600		1400	ug/Kg	88				0	0	
2,4-Dinitrotoluene	1600		1400	ug/Kg	88				28	89	
Diethylphthalate	1600		1300	ug/Kg	81				0	0	
Fluorene	1600		1300	ug/Kg	81				0	0	
4-Chlorophenyl-phenylether	1600		1300	ug/Kg	81				0	0	
4-Nitroaniline	1600		1600	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1600		1500	ug/Kg	94				0	0	
N-Nitrosodiphenylamine	1600		1500	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071124

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	1600		1400	ug/Kg	88				0	0	
4-Bromophenyl-phenylether	1600		1400	ug/Kg	88				0	0	
Hexachlorobenzene	1600		1400	ug/Kg	88				0	0	
Atrazine	1600		940	ug/Kg	59				0	0	
Pentachlorophenol	1600		1300	ug/Kg	81				17	109	
Phenanthrene	1600	41	1400	ug/Kg	85				0	0	
Pentachlorobenzene	1600		1400	ug/Kg	88				0	0	
Anthracene	1600		1400	ug/Kg	88				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106				0	0	
Carbazole	1600		1400	ug/Kg	88				0	0	
Di-n-butylphthalate	1600		1300	ug/Kg	81				0	0	
Fluoranthene	1600	66	1400	ug/Kg	83				0	0	
Pyrene	1600	0	1400	ug/Kg	88				35	142	
Butylbenzylphthalate	1600		1300	ug/Kg	81				0	0	
3,3'-Dichlorobenzidine	1600		1300	ug/Kg	81				0	0	
Benzo(a)anthracene	1600		1400	ug/Kg	88				0	0	
Chrysene	1600		1400	ug/Kg	88				0	0	
Bis(2-ethylhexyl)phthalate	1600		1300	ug/Kg	81				0	0	
Di-n-octylphthalate	1600		1300	ug/Kg	81				0	0	
Benzo(b)fluoranthene	1600	42	1400	ug/Kg	85				0	0	
Benzo(k)fluoranthene	1600		1400	ug/Kg	88				0	0	
Benzo(a)pyrene	1600		1300	ug/Kg	81				0	0	
Indeno(1,2,3-cd)pyrene	1600		1500	ug/Kg	94				0	0	
Dibenzo(a,h)anthracene	1600		1500	ug/Kg	94				0	0	
Benzo(g,h,i)perylene	1600		1400	ug/Kg	88				0	0	
2,3,4,6-Tetrachlorophenol	1600		1300	ug/Kg	81				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3088-04MSD	Client Sample ID:	A4CC5MSD					DataFile:	BP020904.D		
1,4-Dioxane	650		580	ug/Kg	89		14		15	120	50
Benzaldehyde	1600		960	ug/Kg	60		3	*	0	0	0
Pyridine	1600		1300	ug/Kg	81		8	*	0	0	0
Phenol	1600		1600	ug/Kg	100	*	6		26	90	35
Bis(2-chloroethyl)ether	1600		1500	ug/Kg	94		7	*	0	0	0
2-Chlorophenol	1600		1600	ug/Kg	100		6		25	102	50
2-Methylphenol	1600		1500	ug/Kg	94		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		1500	ug/Kg	94		7	*	0	0	0
Acetophenone	1600		1500	ug/Kg	94		0		0	0	0
4-Methylphenol	1600		1500	ug/Kg	94		0		0	0	0
N-Nitroso-di-n-propylamine	1600		1500	ug/Kg	94		7		41	126	38
Hexachloroethane	1600		1500	ug/Kg	94		7	*	0	0	0
Nitrobenzene	1600		1500	ug/Kg	94		7	*	0	0	0
Isophorone	1600		1500	ug/Kg	94		7	*	0	0	0
2-Nitrophenol	1600		1600	ug/Kg	100		6	*	0	0	0
2,4-Dimethylphenol	1600		1100	ug/Kg	69		9	*	0	0	0
Bis(2-chloroethoxy)methane	1600		1500	ug/Kg	94		7	*	0	0	0
2,4-Dichlorophenol	1600		1600	ug/Kg	100		6	*	0	0	0
Naphthalene	1600		1500	ug/Kg	94		7	*	0	0	0
4-Chloroaniline	1600		1200	ug/Kg	75		8	*	0	0	0
Hexachlorobutadiene	1600		1500	ug/Kg	94		7	*	0	0	0
Caprolactam	1600		1300	ug/Kg	81		8	*	0	0	0
4-Chloro-3-methylphenol	1600		1600	ug/Kg	100		6		26	103	33
1-Methylnaphthalene	1600		1500	ug/Kg	94		7	*	0	0	0
2-Methylnaphthalene	1600		1500	ug/Kg	94		7	*	0	0	0
Hexachlorocyclopentadiene	1600		1300	ug/Kg	81		8	*	0	0	0
2,4,6-Trichlorophenol	1600		1600	ug/Kg	100		13	*	0	0	0
2,4,5-Trichlorophenol	1600		1600	ug/Kg	100		6	*	0	0	0
1,1'-Biphenyl	1600		1600	ug/Kg	100		13	*	0	0	0
2-Chloronaphthalene	1600		1600	ug/Kg	100		13	*	0	0	0
2-Nitroaniline	1600		1700	ug/Kg	106		12	*	0	0	0
Dimethylphthalate	1600		1600	ug/Kg	100		13	*	0	0	0
2,6-Dinitrotoluene	1600		1600	ug/Kg	100		13	*	0	0	0
Acenaphthylene	1600		1500	ug/Kg	94		15	*	0	0	0
3-Nitroaniline	1600		1700	ug/Kg	106		12	*	0	0	0
Acenaphthene	1600		1500	ug/Kg	94		15		31	137	19
2,4-Dinitrophenol	1600		1700	ug/Kg	106		12	*	0	0	0
4-Nitrophenol	1600		1700	ug/Kg	106		19		11	114	50
Dibenzofuran	1600		1500	ug/Kg	94		7	*	0	0	0
2,4-Dinitrotoluene	1600		1700	ug/Kg	106	*	19		28	89	47
Diethylphthalate	1600		1500	ug/Kg	94		15	*	0	0	0
Fluorene	1600		1500	ug/Kg	94		15	*	0	0	0
4-Chlorophenyl-phenylether	1600		1500	ug/Kg	94		15	*	0	0	0
4-Nitroaniline	1600		2000	ug/Kg	125		22	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1600	ug/Kg	100		6	*	0	0	0
N-Nitrosodiphenylamine	1600		1600	ug/Kg	100		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP071124

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	1600		1600	ug/Kg	100		13	*	0	0	0
4-Bromophenyl-phenylether	1600		1600	ug/Kg	100		13	*	0	0	0
Hexachlorobenzene	1600		1600	ug/Kg	100		13	*	0	0	0
Atrazine	1600		1100	ug/Kg	69		16	*	0	0	0
Pentachlorophenol	1600		1500	ug/Kg	94		15		17	109	47
Phenanthrene	1600	41	1600	ug/Kg	97		13	*	0	0	0
Pentachlorobenzene	1600		1400	ug/Kg	88		0		0	0	0
Anthracene	1600		1500	ug/Kg	94		7	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106		0		0	0	0
Carbazole	1600		1700	ug/Kg	106		19	*	0	0	0
Di-n-butylphthalate	1600		1600	ug/Kg	100		21	*	0	0	0
Fluoranthene	1600	66	1400	ug/Kg	83		0		0	0	0
Pyrene	1600	0	1400	ug/Kg	88		0		35	142	36
Butylbenzylphthalate	1600		1500	ug/Kg	94		15	*	0	0	0
3,3'-Dichlorobenzidine	1600		1500	ug/Kg	94		15	*	0	0	0
Benzo(a)anthracene	1600		1600	ug/Kg	100		13	*	0	0	0
Chrysene	1600		1600	ug/Kg	100		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94		15	*	0	0	0
Di-n-octylphthalate	1600		1500	ug/Kg	94		15	*	0	0	0
Benzo(b)fluoranthene	1600	42	1600	ug/Kg	97		13	*	0	0	0
Benzo(k)fluoranthene	1600		1600	ug/Kg	100		13	*	0	0	0
Benzo(a)pyrene	1600		1400	ug/Kg	88		8	*	0	0	0
Indeno(1,2,3-cd)pyrene	1600		1600	ug/Kg	100		6	*	0	0	0
Dibenzo(a,h)anthracene	1600		1600	ug/Kg	100		6	*	0	0	0
Benzo(g,h,i)perylene	1600		1600	ug/Kg	100		13	*	0	0	0
2,3,4,6-Tetrachlorophenol	1600		1500	ug/Kg	94		15	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-06	A4CB1	BP020914.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	0.75	2	*	20	120
			Phenol-d5	40	18.78	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.01	50		10	150
			2-Chlorophenol-d4	40	19.99	50		15	120
			4-Methylphenol-d8	40	16.66	42		10	140
			Nitrobenzene-d5	40	19.91	50		10	135
			2-Nitrophenol-d4	40	19.90	50		10	120
			2,4-Dichlorophenol-d3	40	18.57	46		10	140
			4-Chloroaniline-d4	40	8.68	22		1	145
			Dimethylphthalate-d6	40	20.30	51		10	145
			Acenaphthylene-d8	40	20.11	50		15	120
			4-Nitrophenol-d4	40	13.73	34		10	150
			Fluorene-d10	40	19.98	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.51	36		10	130
			Anthracene-d10	40	20.46	51		10	150
			Pyrene-d10	40	15.35	38		10	130
			Benzo(a)pyrene-d12	40	13.26	33		10	140
P3087-08	A4CB5	BP020917.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	15.17	38		20	120
			Phenol-d5	40	24.93	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.76	62		10	150
			2-Chlorophenol-d4	40	25.17	63		15	120
			4-Methylphenol-d8	40	23.98	60		10	140
			Nitrobenzene-d5	40	25.40	63		10	135
			2-Nitrophenol-d4	40	25.77	64		10	120
			2,4-Dichlorophenol-d3	40	25.77	64		10	140
			4-Chloroaniline-d4	40	17.80	45		1	145
			Dimethylphthalate-d6	40	27.57	69		10	145
			Acenaphthylene-d8	40	27.00	68		15	120
			4-Nitrophenol-d4	40	27.49	69		10	150
			Fluorene-d10	40	28.42	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.96	52		10	130
			Anthracene-d10	40	28.50	71		10	150
			Pyrene-d10	40	25.56	64		10	130
			Benzo(a)pyrene-d12	40	28.79	72		10	140
P3087-09	A4CC1	BP020918.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	1.19	3	*	20	120
			Phenol-d5	40	22.92	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.67	62		10	150
			2-Chlorophenol-d4	40	24.57	61		15	120
			4-Methylphenol-d8	40	22.91	57		10	140
			Nitrobenzene-d5	40	25.13	63		10	135
			2-Nitrophenol-d4	40	25.65	64		10	120
			2,4-Dichlorophenol-d3	40	23.43	59		10	140
			4-Chloroaniline-d4	40	17.29	43		1	145
			Dimethylphthalate-d6	40	25.55	64		10	145
			Acenaphthylene-d8	40	25.54	64		15	120
			4-Nitrophenol-d4	40	19.26	48		10	150

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-09	A4CC1	BP020918.D	Fluorene-d10	40	25.44	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.69	47		10	130
			Anthracene-d10	40	25.52	64		10	150
			Pyrene-d10	40	19.26	48		10	130
			Benzo(a)pyrene-d12	40	16.27	41		10	140
P3087-10	A4CE6	BP020919.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	13.44	34		20	120
			Phenol-d5	40	17.58	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.76	44		10	150
			2-Chlorophenol-d4	40	17.87	45		15	120
			4-Methylphenol-d8	40	17.68	44		10	140
			Nitrobenzene-d5	40	17.62	44		10	135
			2-Nitrophenol-d4	40	18.17	45		10	120
			2,4-Dichlorophenol-d3	40	17.37	43		10	140
			4-Chloroaniline-d4	40	17.32	43		1	145
			Dimethylphthalate-d6	40	20.24	51		10	145
			Acenaphthylene-d8	40	19.61	49		15	120
			4-Nitrophenol-d4	40	20.01	50		10	150
			Fluorene-d10	40	20.93	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.05	40		10	130
			Anthracene-d10	40	20.67	52		10	150
			Pyrene-d10	40	19.08	48		10	130
			Benzo(a)pyrene-d12	40	21.29	53		10	140
			1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	0.82	2	*	20	120
P3087-11	A4CE9	BP020920.D	Phenol-d5	40	20.97	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.96	60		10	150
			2-Chlorophenol-d4	40	23.76	59		15	120
			4-Methylphenol-d8	40	16.54	41		10	140
			Nitrobenzene-d5	40	24.88	62		10	135
			2-Nitrophenol-d4	40	24.74	62		10	120
			2,4-Dichlorophenol-d3	40	22.70	57		10	140
			4-Chloroaniline-d4	40	15.19	38		1	145
			Dimethylphthalate-d6	40	24.15	60		10	145
			Acenaphthylene-d8	40	24.69	62		15	120
			4-Nitrophenol-d4	40	23.80	59		10	150
			Fluorene-d10	40	25.88	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.80	42		10	130
			Anthracene-d10	40	24.55	61		10	150
			Pyrene-d10	40	19.08	48		10	130
			Benzo(a)pyrene-d12	40	15.17	38		10	140
			1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	1.34	3	*	20	120
			Phenol-d5	40	25.84	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.29	68		10	150
P3087-12	A4BC6	BP020921.D	2-Chlorophenol-d4	40	27.05	68		15	120
			4-Methylphenol-d8	40	23.95	60		10	140
			Nitrobenzene-d5	40	27.24	68		10	135
			2-Nitrophenol-d4	40	27.77	69		10	120

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-12	A4BC6	BP020921.D	2,4-Dichlorophenol-d3	40	26.26	66		10	140
			4-Chloroaniline-d4	40	13.88	35		1	145
			Dimethylphthalate-d6	40	28.14	70		10	145
			Acenaphthylene-d8	40	28.10	70		15	120
			4-Nitrophenol-d4	40	19.29	48		10	150
			Fluorene-d10	40	27.49	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.30	51		10	130
			Anthracene-d10	40	28.30	71		10	150
			Pyrene-d10	40	22.17	55		10	130
			Benzo(a)pyrene-d12	40	17.71	44		10	140
P3087-13	A4BP1	BP020922.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Pyridine-d5	40	13.72	34		20	120
			Phenol-d5	40	17.04	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.52	44		10	150
			2-Chlorophenol-d4	40	17.61	44		15	120
			4-Methylphenol-d8	40	17.77	44		10	140
			Nitrobenzene-d5	40	18.31	46		10	135
			2-Nitrophenol-d4	40	18.26	46		10	120
			2,4-Dichlorophenol-d3	40	18.27	46		10	140
			4-Chloroaniline-d4	40	18.51	46		1	145
			Dimethylphthalate-d6	40	20.67	52		10	145
			Acenaphthylene-d8	40	20.38	51		15	120
			4-Nitrophenol-d4	40	22.07	55		10	150
			Fluorene-d10	40	22.00	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.89	37		10	130
			Anthracene-d10	40	21.91	55		10	150
			Pyrene-d10	40	19.81	50		10	130
P3087-14	A4BQ8	BP020923.D	Benzo(a)pyrene-d12	40	22.18	55		10	140
			1,4-Dioxane-d8	8	3.55	44		15	120
			Pyridine-d5	40	1.43	4	*	20	120
			Phenol-d5	40	22.20	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.84	57		10	150
			2-Chlorophenol-d4	40	22.91	57		15	120
			4-Methylphenol-d8	40	20.90	52		10	140
			Nitrobenzene-d5	40	23.07	58		10	135
			2-Nitrophenol-d4	40	22.92	57		10	120
			2,4-Dichlorophenol-d3	40	21.37	53		10	140
			4-Chloroaniline-d4	40	9.03	23		1	145
			Dimethylphthalate-d6	40	23.72	59		10	145
			Acenaphthylene-d8	40	23.25	58		15	120
			4-Nitrophenol-d4	40	19.32	48		10	150
			Fluorene-d10	40	22.63	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.13	40		10	130
			Anthracene-d10	40	23.54	59		10	150
P3087-19	A4BR4	BP020905.D	Pyrene-d10	40	17.84	45		10	130
			Benzo(a)pyrene-d12	40	15.49	39		10	140
			Pyridine-d5	40	18.81	47		20	120
			1,4-Dioxane-d8	8	4.05	51		15	120
			Phenol-d5	40	23.26	58		10	130

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-19	A4BR4	BP020905.D	Bis(2-Chloroethyl)ether-d8	40	25.04	63		10	150
			2-Chlorophenol-d4	40	24.34	61		15	120
			4-Methylphenol-d8	40	24.11	60		10	140
			Nitrobenzene-d5	40	24.53	61		10	135
			2-Nitrophenol-d4	40	24.56	61		10	120
			2,4-Dichlorophenol-d3	40	22.99	57		10	140
			4-Chloroaniline-d4	40	23.35	58		1	145
			Dimethylphthalate-d6	40	24.90	62		10	145
			Acenaphthylene-d8	40	24.59	61		15	120
			4-Nitrophenol-d4	40	17.45	44		10	150
			Fluorene-d10	40	24.83	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.83	45		10	130
			Anthracene-d10	40	24.57	61		10	150
			Pyrene-d10	40	23.73	59		10	130
			Benzo(a)pyrene-d12	40	25.08	63		10	140
P3087-21	A4BR6	BP020916.D	1,4-Dioxane-d8	8	3.24	41		15	120
			Pyridine-d5	40	14.55	36		20	120
			Phenol-d5	40	19.56	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.20	50		10	150
			2-Chlorophenol-d4	40	19.92	50		15	120
			4-Methylphenol-d8	40	19.94	50		10	140
			Nitrobenzene-d5	40	19.87	50		10	135
			2-Nitrophenol-d4	40	20.14	50		10	120
			2,4-Dichlorophenol-d3	40	18.58	46		10	140
			4-Chloroaniline-d4	40	19.21	48		1	145
			Dimethylphthalate-d6	40	19.65	49		10	145
			Acenaphthylene-d8	40	19.28	48		15	120
			4-Nitrophenol-d4	40	14.00	35		10	150
			Fluorene-d10	40	18.49	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.97	35		10	130
			Anthracene-d10	40	19.03	48		10	150
			Pyrene-d10	40	18.08	45		10	130
P3087-22	A4CY9	BP020915.D	Benzo(a)pyrene-d12	40	19.61	49		10	140
			1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	14.31	36		20	120
			Phenol-d5	40	17.67	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.38	46		10	150
			2-Chlorophenol-d4	40	18.78	47		15	120
			4-Methylphenol-d8	40	17.27	43		10	140
			Nitrobenzene-d5	40	17.95	45		10	135
			2-Nitrophenol-d4	40	18.00	45		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	16.64	42		1	145
			Dimethylphthalate-d6	40	18.45	46		10	145
			Acenaphthylene-d8	40	18.51	46		15	120
			4-Nitrophenol-d4	40	16.28	41		10	150
			Fluorene-d10	40	19.31	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.00	30		10	130
			Anthracene-d10	40	19.19	48		10	150

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-22	A4CY9	BP020915.D	Pyrene-d10	40	17.04	43		10	130
			Benzo(a)pyrene-d12	40	19.24	48		10	140
PB161865BL	PB161865BL	BP020926.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	25.44	64		20	120
			Phenol-d5	40	25.29	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.34	66		10	150
			2-Chlorophenol-d4	40	25.78	64		15	120
			4-Methylphenol-d8	40	25.07	63		10	140
			Nitrobenzene-d5	40	26.66	67		10	135
			2-Nitrophenol-d4	40	26.81	67		10	120
			2,4-Dichlorophenol-d3	40	23.97	60		10	140
			4-Chloroaniline-d4	40	25.48	64		1	145
			Dimethylphthalate-d6	40	26.57	66		10	145
			Acenaphthylene-d8	40	26.20	65		15	120
			4-Nitrophenol-d4	40	21.61	54		10	150
			Fluorene-d10	40	24.95	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.68	49		10	130
			Anthracene-d10	40	27.20	68		10	150
			Pyrene-d10	40	23.34	58		10	130
			Benzo(a)pyrene-d12	40	27.59	69		10	140
PB161865BS	PB161865BS	BP020924.D	1,4-Dioxane-d8	8	6.37	80		15	120
			Pyridine-d5	40	29.45	74		20	120
			Phenol-d5	40	31.29	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.54	76		10	150
			2-Chlorophenol-d4	40	31.45	79		15	120
			4-Methylphenol-d8	40	30.03	75		10	140
			Nitrobenzene-d5	40	31.40	78		10	135
			2-Nitrophenol-d4	40	32.02	80		10	120
			2,4-Dichlorophenol-d3	40	32.18	80		10	140
			4-Chloroaniline-d4	40	29.77	74		1	145
			Dimethylphthalate-d6	40	31.11	78		10	145
			Acenaphthylene-d8	40	31.59	79		15	120
			4-Nitrophenol-d4	40	36.74	92		10	150
			Fluorene-d10	40	31.72	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.65	74		10	130
			Anthracene-d10	40	31.06	78		10	150
			Pyrene-d10	40	28.49	71		10	130
			Benzo(a)pyrene-d12	40	32.39	81		10	140

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-02	A4CC5	BP020902.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Pyridine-d5	40	23.61	59		20	120
			Phenol-d5	40	28.79	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.41	74		10	150
			2-Chlorophenol-d4	40	29.16	73		15	120
			4-Methylphenol-d8	40	29.61	74		10	140
			Nitrobenzene-d5	40	29.93	75		10	135
			2-Nitrophenol-d4	40	30.46	76		10	120
			2,4-Dichlorophenol-d3	40	30.03	75		10	140
			4-Chloroaniline-d4	40	29.10	73		1	145
			Dimethylphthalate-d6	40	33.53	84		10	145
			Acenaphthylene-d8	40	32.39	81		15	120
			4-Nitrophenol-d4	40	28.04	70		10	150
			Fluorene-d10	40	33.64	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.38	68		10	130
			Anthracene-d10	40	34.22	86		10	150
			Pyrene-d10	40	30.33	76		10	130
			Benzo(a)pyrene-d12	40	35.25	88		10	140
P3088-03MS	A4CC5MS	BP020903.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	21.70	54		20	120
			Phenol-d5	40	28.18	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.06	70		10	150
			2-Chlorophenol-d4	40	28.19	70		15	120
			4-Methylphenol-d8	40	27.67	69		10	140
			Nitrobenzene-d5	40	28.17	70		10	135
			2-Nitrophenol-d4	40	28.33	71		10	120
			2,4-Dichlorophenol-d3	40	28.80	72		10	140
			4-Chloroaniline-d4	40	25.44	64		1	145
			Dimethylphthalate-d6	40	27.22	68		10	145
			Acenaphthylene-d8	40	27.52	69		15	120
			4-Nitrophenol-d4	40	25.63	64		10	150
			Fluorene-d10	40	27.33	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.47	69		10	130
			Anthracene-d10	40	27.58	69		10	150
			Pyrene-d10	40	27.40	68		10	130
			Benzo(a)pyrene-d12	40	28.77	72		10	140
P3088-04MSD	A4CC5MSD	BP020904.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	24.42	61		20	120
			Phenol-d5	40	30.48	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.68	77		10	150
			2-Chlorophenol-d4	40	30.96	77		15	120
			4-Methylphenol-d8	40	29.29	73		10	140
			Nitrobenzene-d5	40	32.20	80		10	135
			2-Nitrophenol-d4	40	31.91	80		10	120
			2,4-Dichlorophenol-d3	40	32.14	80		10	140
			4-Chloroaniline-d4	40	28.58	71		1	145
			Dimethylphthalate-d6	40	32.78	82		10	145
			Acenaphthylene-d8	40	32.45	81		15	120
			4-Nitrophenol-d4	40	33.00	82		10	150

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-04MSD	A4CC5MSD	BP020904.D	Fluorene-d10	40	32.48	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.02	78		10	130
			Anthracene-d10	40	32.70	82		10	150
			Pyrene-d10	40	29.14	73		10	130
			Benzo(a)pyrene-d12	40	33.10	83		10	140
P3088-11	A4CY3	BP020913.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	1.72	4	*	20	120
			Phenol-d5	40	19.97	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.02	53		10	150
			2-Chlorophenol-d4	40	21.30	53		15	120
			4-Methylphenol-d8	40	19.56	49		10	140
			Nitrobenzene-d5	40	21.65	54		10	135
			2-Nitrophenol-d4	40	21.74	54		10	120
			2,4-Dichlorophenol-d3	40	20.69	52		10	140
			4-Chloroaniline-d4	40	16.30	41		1	145
			Dimethylphthalate-d6	40	23.14	58		10	145
			Acenaphthylene-d8	40	22.66	57		15	120
			4-Nitrophenol-d4	40	20.06	50		10	150
			Fluorene-d10	40	24.20	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.06	40		10	130
			Anthracene-d10	40	23.40	58		10	150
			Pyrene-d10	40	18.13	45		10	130
			Benzo(a)pyrene-d12	40	14.33	36		10	140
P3088-14	A4D02	BP020906.D	1,4-Dioxane-d8	8	2.04	26		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.86	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.08	35		10	150
			2-Chlorophenol-d4	40	13.55	34		15	120
			4-Methylphenol-d8	40	10.58	26		10	140
			Nitrobenzene-d5	40	13.70	34		10	135
			2-Nitrophenol-d4	40	13.05	33		10	120
			2,4-Dichlorophenol-d3	40	12.28	31		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	14.47	36		10	145
			Acenaphthylene-d8	40	14.23	36		15	120
			4-Nitrophenol-d4	40	1.03	3	*	10	150
			Fluorene-d10	40	15.02	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.11	23		10	130
			Anthracene-d10	40	14.69	37		10	150
			Pyrene-d10	40	10.97	27		10	130
			Benzo(a)pyrene-d12	40	8.36	21		10	140
P3088-15	A4D09	BP020907.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	2.96	7	*	20	120
			Phenol-d5	40	17.97	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.51	44		10	150
			2-Chlorophenol-d4	40	18.29	46		15	120
			4-Methylphenol-d8	40	18.09	45		10	140
			Nitrobenzene-d5	40	19.07	48		10	135
			2-Nitrophenol-d4	40	19.35	48		10	120

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-15	A4D09	BP020907.D	2,4-Dichlorophenol-d3	40	20.00	50		10	140
			4-Chloroaniline-d4	40	7.85	20		1	145
			Dimethylphthalate-d6	40	22.64	57		10	145
			Acenaphthylene-d8	40	22.42	56		15	120
			4-Nitrophenol-d4	40	20.35	51		10	150
			Fluorene-d10	40	23.38	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.97	42		10	130
			Anthracene-d10	40	23.22	58		10	150
			Pyrene-d10	40	18.07	45		10	130
			Benzo(a)pyrene-d12	40	15.76	39		10	140
P3088-17	A4D12	BP020908.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.83	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.31	71		10	150
			2-Chlorophenol-d4	40	27.96	70		15	120
			4-Methylphenol-d8	40	23.87	60		10	140
			Nitrobenzene-d5	40	29.13	73		10	135
			2-Nitrophenol-d4	40	29.56	74		10	120
			2,4-Dichlorophenol-d3	40	27.27	68		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	29.58	74		10	145
			Acenaphthylene-d8	40	29.38	73		15	120
			4-Nitrophenol-d4	40	28.24	71		10	150
			Fluorene-d10	40	30.74	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.83	55		10	130
			Anthracene-d10	40	30.30	76		10	150
			Pyrene-d10	40	22.70	57		10	130
			Benzo(a)pyrene-d12	40	17.59	44		10	140
P3088-19	A4CZ0	BP020912.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	17.42	44		20	120
			Phenol-d5	40	20.74	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.66	54		10	150
			2-Chlorophenol-d4	40	21.49	54		15	120
			4-Methylphenol-d8	40	20.41	51		10	140
			Nitrobenzene-d5	40	23.09	58		10	135
			2-Nitrophenol-d4	40	23.29	58		10	120
			2,4-Dichlorophenol-d3	40	21.07	53		10	140
			4-Chloroaniline-d4	40	21.82	55		1	145
			Dimethylphthalate-d6	40	24.74	62		10	145
			Acenaphthylene-d8	40	24.03	60		15	120
			4-Nitrophenol-d4	40	19.13	48		10	150
			Fluorene-d10	40	24.45	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.43	41		10	130
			Anthracene-d10	40	24.80	62		10	150
			Pyrene-d10	40	21.68	54		10	130
			Benzo(a)pyrene-d12	40	25.04	63		10	140
PB161883BL	PB161883BL	BP020911.D	Pyridine-d5	40	29.10	73		20	120
			1,4-Dioxane-d8	8	6.33	79		15	120
			Phenol-d5	40	28.53	71		10	130

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161883BL	PB161883BL	BP020911.D	Bis(2-Chloroethyl)ether-d8	40	29.41	74		10	150
			2-Chlorophenol-d4	40	29.51	74		15	120
			4-Methylphenol-d8	40	27.88	70		10	140
			Nitrobenzene-d5	40	30.49	76		10	135
			2-Nitrophenol-d4	40	30.50	76		10	120
			2,4-Dichlorophenol-d3	40	28.34	71		10	140
			4-Chloroaniline-d4	40	29.27	73		1	145
			Dimethylphthalate-d6	40	29.82	75		10	145
			Acenaphthylene-d8	40	29.92	75		15	120
			4-Nitrophenol-d4	40	29.69	74		10	150
			Fluorene-d10	40	31.48	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.08	63		10	130
			Anthracene-d10	40	31.41	79		10	150
			Pyrene-d10	40	27.55	69		10	130
			Benzo(a)pyrene-d12	40	31.51	79		10	140
PB161883BS	PB161883BS	BP020909.D	Pyridine-d5	40	24.54	61		20	120
			1,4-Dioxane-d8	8	5.43	68		15	120
			Phenol-d5	40	24.73	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.39	61		10	150
			2-Chlorophenol-d4	40	25.57	64		15	120
			4-Methylphenol-d8	40	23.59	59		10	140
			Nitrobenzene-d5	40	26.16	65		10	135
			2-Nitrophenol-d4	40	26.79	67		10	120
			2,4-Dichlorophenol-d3	40	26.28	66		10	140
			4-Chloroaniline-d4	40	23.78	59		1	145
			Dimethylphthalate-d6	40	26.31	66		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	29.65	74		10	150
			Fluorene-d10	40	27.20	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.20	65		10	130
			Anthracene-d10	40	26.87	67		10	150
			Pyrene-d10	40	23.86	60		10	130
			Benzo(a)pyrene-d12	40	27.28	68		10	140

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-07	YDZJ3	BP020898.D	1,4-Dioxane-d8	8	6.40	80		15	120
			Pyridine-d5	40	16.30	41		20	120
			Phenol-d5	40	17.00	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.66	77		25	120
			2-Chlorophenol-d4	40	28.89	72		20	130
			4-Methylphenol-d8	40	29.50	74		25	125
			Nitrobenzene-d5	40	29.93	75		20	125
			2-Nitrophenol-d4	40	29.53	74		20	130
			2,4-Dichlorophenol-d3	40	30.43	76		20	120
			4-Chloroaniline-d4	40	31.17	78		1	146
			Dimethylphthalate-d6	40	35.56	89		25	130
			Acenaphthylene-d8	40	32.77	82		10	130
			4-Nitrophenol-d4	40	11.37	28		10	150
			Fluorene-d10	40	34.60	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.23	78		10	130
			Anthracene-d10	40	36.66	92		25	130
			Pyrene-d10	40	36.17	90		15	130
			Benzo(a)pyrene-d12	40	36.75	92		20	130
P3137-08	YDZJ4	BP020899.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	12.03	30		20	120
			Phenol-d5	40	14.10	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.94	72		25	120
			2-Chlorophenol-d4	40	28.47	71		20	130
			4-Methylphenol-d8	40	26.74	67		25	125
			Nitrobenzene-d5	40	28.44	71		20	125
			2-Nitrophenol-d4	40	29.52	74		20	130
			2,4-Dichlorophenol-d3	40	29.32	73		20	120
			4-Chloroaniline-d4	40	24.02	60		1	146
			Dimethylphthalate-d6	40	32.85	82		25	130
			Acenaphthylene-d8	40	31.48	79		10	130
			4-Nitrophenol-d4	40	8.79	22		10	150
			Fluorene-d10	40	32.20	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.27	71		10	130
			Anthracene-d10	40	33.58	84		25	130
			Pyrene-d10	40	31.04	78		15	130
			Benzo(a)pyrene-d12	40	34.48	86		20	130
P3138-01	YDZF7	BP020900.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	8.42	21		20	120
			Phenol-d5	40	7.65	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.90	77		25	120
			2-Chlorophenol-d4	40	26.50	66		20	130
			4-Methylphenol-d8	40	17.15	43		25	125
			Nitrobenzene-d5	40	29.63	74		20	125
			2-Nitrophenol-d4	40	29.64	74		20	130
			2,4-Dichlorophenol-d3	40	27.47	69		20	120
			4-Chloroaniline-d4	40	21.92	55		1	146
			Dimethylphthalate-d6	40	31.24	78		25	130
			Acenaphthylene-d8	40	29.90	75		10	130
			4-Nitrophenol-d4	40	6.47	16		10	150

Surrogate Summary

SW-846

SDG No.: BP071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3138-01	YDZF7	BP020900.D	Fluorene-d10	40	31.27	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.71	74		10	130
			Anthracene-d10	40	33.59	84		25	130
			Pyrene-d10	40	34.53	86		15	130
			Benzo(a)pyrene-d12	40	34.43	86		20	130
PB161907BL	PB161907BL	BP020897.D	Pyridine-d5	40	23.28	58		20	120
			1,4-Dioxane-d8	8	5.08	63		15	120
			Phenol-d5	40	24.17	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.71	64		25	120
			2-Chlorophenol-d4	40	24.53	61		20	130
			4-Methylphenol-d8	40	24.01	60		25	125
			Nitrobenzene-d5	40	24.17	60		20	125
			2-Nitrophenol-d4	40	24.64	62		20	130
			2,4-Dichlorophenol-d3	40	22.87	57		20	120
			4-Chloroaniline-d4	40	21.21	53		1	146
			Dimethylphthalate-d6	40	26.25	66		25	130
			Acenaphthylene-d8	40	24.60	62		10	130
			4-Nitrophenol-d4	40	22.00	55		10	150
			Fluorene-d10	40	26.49	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.39	56		10	130
			Anthracene-d10	40	25.21	63		25	130
			Pyrene-d10	40	27.02	68		15	130
			Benzo(a)pyrene-d12	40	25.69	64		20	130
PB161907BS	PB161907BS	BP020901.D	1,4-Dioxane-d8	8	6.99	87		15	120
			Pyridine-d5	40	28.56	71		20	120
			Phenol-d5	40	32.48	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.14	80		25	120
			2-Chlorophenol-d4	40	31.50	79		20	130
			4-Methylphenol-d8	40	32.29	81		25	125
			Nitrobenzene-d5	40	31.64	79		20	125
			2-Nitrophenol-d4	40	31.94	80		20	130
			2,4-Dichlorophenol-d3	40	31.74	79		20	120
			4-Chloroaniline-d4	40	26.43	66		1	146
			Dimethylphthalate-d6	40	31.41	79		25	130
			Acenaphthylene-d8	40	31.29	78		10	130
			4-Nitrophenol-d4	40	33.23	83		10	150
			Fluorene-d10	40	31.76	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.93	82		10	130
			Anthracene-d10	40	31.35	78		25	130
			Pyrene-d10	40	34.98	87		15	130
			Benzo(a)pyrene-d12	40	31.79	79		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071124

Lab Code: CHEM

SAS No.: BP071124

SDG NO.: BP071124

Lab File ID: BP020895.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.5
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	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94
443	15.0 - 24.0% of mass 442	18.5 (19.6) 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
SSTD020681	SSTDCCC020	BP020896.D	07/11/2024	09:27
SBLK907	PB161907BL	BP020897.D	07/11/2024	10:11
YDZJ3	P3137-07	BP020898.D	07/11/2024	10:54
YDZJ4	P3137-08	BP020899.D	07/11/2024	11:36
YDZF7	P3138-01	BP020900.D	07/11/2024	12:19
SLCS907	PB161907BS	BP020901.D	07/11/2024	13:01
A4CC5	P3088-02	BP020902.D	07/11/2024	13:45
A4CC5MS	P3088-03MS	BP020903.D	07/11/2024	14:29
A4CC5MSD	P3088-04MSD	BP020904.D	07/11/2024	15:12
A4BR4	P3087-19	BP020905.D	07/11/2024	15:56
A4D02	P3088-14	BP020906.D	07/11/2024	16:40
A4D09	P3088-15	BP020907.D	07/11/2024	17:24
A4D12	P3088-17	BP020908.D	07/11/2024	18:08
SLCS883	PB161883BS	BP020909.D	07/11/2024	18:52
SSTD020682	SSTDCCC020	BP020910.D	07/11/2024	20:20
SBLK883	PB161883BL	BP020911.D	07/11/2024	21:03
A4CZ0	P3088-19	BP020912.D	07/11/2024	21:47
A4CY3	P3088-11	BP020913.D	07/11/2024	22:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP071124

Lab Code: CHEM

SAS No.: BP071124 SDG NO.: BP071124

Lab File ID: BP020895.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.5
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	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94
443	15.0 - 24.0% of mass 442	18.5 (19.6) 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
A4CB1	P3087-06	BP020914.D	07/11/2024	23:14
A4CY9	P3087-22	BP020915.D	07/11/2024	23:58
A4BR6	P3087-21	BP020916.D	07/12/2024	00:41
A4CB5	P3087-08	BP020917.D	07/12/2024	01:25
A4CC1	P3087-09	BP020918.D	07/12/2024	02:08
A4CE6	P3087-10	BP020919.D	07/12/2024	02:51
A4CE9	P3087-11	BP020920.D	07/12/2024	03:35
A4BC6	P3087-12	BP020921.D	07/12/2024	04:18
A4BP1	P3087-13	BP020922.D	07/12/2024	05:01
A4BQ8	P3087-14	BP020923.D	07/12/2024	05:44
SLCS865	PB161865BS	BP020924.D	07/12/2024	06:26
SSTD020683	SSTDCCC020	BP020925.D	07/12/2024	07:52
SBLK865	PB161865BL	BP020926.D	07/12/2024	08:35