

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070324 SAS No.: BP070324 SDG No.: BP070324

Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:13:06

Lab File ID: BP020768.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020670 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.465	0.010	-10.8623	40.0
Benzaldehyde	0.830	0.980	0.010	18.1002	40.0
Pyridine	1.406	1.273	0.010	-9.4312	40.0
Phenol	1.673	1.564	0.080	-6.4982	20.0
Bis(2-Chloroethyl)ether	1.385	1.305	0.100	-5.7794	20.0
2-Chlorophenol	1.348	1.303	0.200	-3.3279	20.0
2-Methylphenol	1.283	1.229	0.010	-4.2181	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.873	0.010	-10.9895	40.0
Acetophenone	2.128	2.043	0.060	-3.9595	20.0
4-Methylphenol	1.359	1.324	0.010	-2.5088	20.0
N-Nitroso-di-n-propylamine	1.131	1.030	0.050	-8.9287	30.0
Hexachloroethane	0.585	0.576	0.100	-1.5567	20.0
Nitrobenzene	0.383	0.363	0.050	-5.2882	25.0
Isophorone	0.758	0.700	0.050	-7.7576	25.0
2-Nitrophenol	0.160	0.179	0.050	12.4759	25.0
2,4-Dimethylphenol	0.372	0.355	0.050	-4.3572	25.0
Bis(2-Chloroethoxy)methane	0.451	0.429	0.050	-4.9191	20.0
2,4-Dichlorophenol	0.301	0.308	0.060	2.2722	20.0
Naphthalene	1.070	1.018	0.200	-4.9285	20.0
4-Chloroaniline	0.411	0.414	0.010	0.6859	40.0
Hexachlorobutadiene	0.225	0.223	0.040	-1.1963	30.0
Caprolactam	0.092	0.099	0.010	8.4649	40.0
4-Chloro-3-methylphenol	0.333	0.336	0.040	1.1306	25.0
1-Methylnaphthalene	0.733	0.719	0.100	-1.9677	20.0
2-Methylnaphthalene	0.717	0.704	0.100	-1.842	20.0
Hexachlorocyclopentadiene	0.398	0.408	0.010	2.6011	40.0
2,4,6-Trichlorophenol	0.381	0.403	0.090	5.6769	25.0
2,4,5-Trichlorophenol	0.396	0.439	0.100	10.9001	25.0
1,1-Biphenyl	1.496	1.416	0.200	-5.3023	20.0
2-Chloronaphthalene	1.178	1.144	0.300	-2.9332	20.0
2-Nitroaniline	0.297	0.325	0.050	9.5218	40.0
Dimethylphthalate	1.417	1.484	0.300	4.7869	20.0
2,6-Dinitrotoluene	0.253	0.297	0.080	17.4768	30.0
Acenaphthylene	1.874	1.830	0.400	-2.3431	20.0
3-Nitroaniline	0.235	0.290	0.010	23.7071	40.0
Acenaphthene	1.243	1.220	0.200	-1.9061	20.0
2,4-Dinitrophenol	0.131	0.157	0.010	19.8687	40.0
4-Nitrophenol	0.190	0.206	0.010	8.3107	40.0
Dibenzofuran	1.675	1.680	0.300	0.2607	20.0

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Lab Code: CHEM Case No.: BP070324 SAS No.: BP070324 SDG No.: BP070324

Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:13:06

Lab File ID: BP020768.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020670 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.441	0.070	26.4836	30.0
Diethylphthalate	1.397	1.498	0.300	7.2336	20.0
Fluorene	1.346	1.403	0.200	4.2445	20.0
4-Chlorophenyl-phenylether	0.702	0.733	0.100	4.3091	20.0
4-Nitroaniline	0.223	0.295	0.010	32.351	40.0
4,6-Dinitro-2-methylphenol	0.108	0.127	0.010	17.6516	40.0
N-Nitrosodiphenylamine	0.590	0.551	0.050	-6.5711	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.635	0.100	-0.6173	20.0
4-Bromophenyl-phenylether	0.223	0.219	0.070	-1.671	20.0
Hexachlorobenzene	0.250	0.252	0.050	0.9375	25.0
Atrazine	0.208	0.218	0.010	4.7195	25.0
Pentachlorophenol	0.144	0.153	0.010	6.685	40.0
Phenanthrene	1.047	1.022	0.200	-2.4068	20.0
Pentachlorobenzene	0.309	0.285	0.050	-7.7371	20.0
Anthracene	1.077	1.050	0.200	-2.4928	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.287	0.050	-11.6009	20.0
Carbazole	0.889	0.930	0.050	4.585	40.0
Di-n-butylphthalate	1.155	1.238	0.500	7.1989	25.0
Fluoranthene	1.468	1.286	0.400	-12.3688	25.0
Pyrene	1.505	1.332	0.400	-11.4878	25.0
Butylbenzylphthalate	0.559	0.587	0.100	5.1131	40.0
3,3-Dichlorobenzidine	0.442	0.456	0.010	3.2149	40.0
Benzo (a) anthracene	1.402	1.361	0.300	-2.9081	30.0
Chrysene	1.325	1.251	0.200	-5.6009	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.876	0.200	0.9959	40.0
Di-n-octyl phthalate	1.284	1.336	0.010	4.0635	40.0
Benzo (b) fluoranthene	1.212	1.154	0.200	-4.795	25.0
Benzo (k) fluoranthene	1.226	1.197	0.200	-2.346	25.0
Benzo (a) pyrene	1.144	1.115	0.200	-2.5252	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.373	0.200	-6.4044	25.0
Dibenzo (a,h) anthracene	1.206	1.149	0.200	-4.7286	30.0
Benzo (g,h,i) perylene	1.198	1.108	0.200	-7.5033	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.381	0.040	16.6003	20.0
1,4-Dioxane-d8	0.466	0.438	0.010	-6.0655	25.0
Pyridine-d5	1.357	1.244	0.010	-8.3369	40.0
Phenol-d5	1.640	1.531	0.010	-6.6824	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.950	0.050	-8.6249	25.0
2-Chlorophenol-d4	1.341	1.328	0.200	-0.9698	20.0
4-Methylphenol-d8	1.332	1.303	0.010	-2.1755	20.0

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070324 SAS No.: BP070324 SDG No.: BP070324
 Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:13:06
 Lab File ID: BP020768.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020670 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.154	0.050	4.3626	20.0
2-Nitrophenol-d4	0.148	0.173	0.050	16.9592	30.0
2,4-Dichlorophenol-d3	0.304	0.316	0.060	3.8186	20.0
4-Chloroaniline-d4	0.427	0.428	0.010	0.3711	40.0
Dimethylphthalate-d6	1.391	1.490	0.300	7.1313	20.0
Acenaphthylene-d8	1.659	1.630	0.400	-1.7591	20.0
4-Nitrophenol-d4	0.212	0.247	0.010	16.1198	40.0
Fluorene-d10	1.170	1.231	0.100	5.1751	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.118	0.010	16.9711	40.0
Anthracene-d10	0.898	0.888	0.300	-1.0187	20.0
Pyrene-d10	1.202	1.089	0.300	-9.4037	25.0
Benzo(a)pyrene-d12	0.973	0.970	0.010	-0.3062	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.: BP070324 SAS No.: BP070324 SDG No.: BP070324

Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:17:21

Lab File ID: BP020773.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020671 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.439	0.010	-15.8216	50.0
Benzaldehyde	0.830	0.922	0.010	11.153	50.0
Pyridine	1.406	1.206	0.010	-14.2445	50.0
Phenol	1.673	1.480	0.080	-11.5124	50.0
Bis(2-Chloroethyl) ether	1.385	1.197	0.100	-13.5567	50.0
2-Chlorophenol	1.348	1.227	0.200	-8.9613	50.0
2-Methylphenol	1.283	1.158	0.010	-9.7376	50.0
2,2-oxybis(1-Chloropropane)	2.105	1.709	0.010	-18.8124	50.0
Acetophenone	2.128	1.885	0.060	-11.3969	50.0
4-Methylphenol	1.359	1.243	0.010	-8.5169	50.0
N-Nitroso-di-n-propylamine	1.131	0.936	0.050	-17.2355	50.0
Hexachloroethane	0.585	0.523	0.100	-10.679	50.0
Nitrobenzene	0.383	0.346	0.050	-9.5593	50.0
Isophorone	0.758	0.658	0.050	-13.1802	50.0
2-Nitrophenol	0.160	0.172	0.050	8.0305	50.0
2,4-Dimethylphenol	0.372	0.335	0.050	-9.9964	50.0
Bis(2-Chloroethoxy) methane	0.451	0.392	0.050	-13.213	50.0
2,4-Dichlorophenol	0.301	0.290	0.060	-3.6241	50.0
Naphthalene	1.070	0.962	0.200	-10.1682	50.0
4-Chloroaniline	0.411	0.383	0.010	-6.6247	50.0
Hexachlorobutadiene	0.225	0.214	0.040	-5.0278	50.0
Caprolactam	0.092	0.095	0.010	3.6755	50.0
4-Chloro-3-methylphenol	0.333	0.316	0.040	-4.9736	50.0
1-Methylnaphthalene	0.733	0.680	0.100	-7.2751	50.0
2-Methylnaphthalene	0.717	0.656	0.100	-8.4755	50.0
Hexachlorocyclopentadiene	0.398	0.456	0.010	14.5974	50.0
2,4,6-Trichlorophenol	0.381	0.385	0.090	0.9105	50.0
2,4,5-Trichlorophenol	0.396	0.412	0.100	4.0881	50.0
1,1-Biphenyl	1.496	1.342	0.200	-10.3108	50.0
2-Chloronaphthalene	1.178	1.062	0.300	-9.8816	50.0
2-Nitroaniline	0.297	0.315	0.050	6.0407	50.0
Dimethylphthalate	1.417	1.372	0.300	-3.1085	50.0
2,6-Dinitrotoluene	0.253	0.279	0.080	10.3463	50.0
Acenaphthylene	1.874	1.715	0.400	-8.5122	50.0
3-Nitroaniline	0.235	0.289	0.010	23.192	50.0
Acenaphthene	1.243	1.133	0.200	-8.9058	50.0
2,4-Dinitrophenol	0.131	0.120	0.010	-8.2455	50.0
4-Nitrophenol	0.190	0.194	0.010	1.7889	50.0
Dibenzofuran	1.675	1.579	0.300	-5.7799	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070324 SAS No.: BP070324 SDG No.: BP070324

Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:17:21

Lab File ID: BP020773.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020671 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.414	0.070	18.6054	50.0
Diethylphthalate	1.397	1.385	0.300	-0.8904	50.0
Fluorene	1.346	1.304	0.200	-3.1431	50.0
4-Chlorophenyl-phenylether	0.702	0.671	0.100	-4.501	50.0
4-Nitroaniline	0.223	0.304	0.010	36.2516	50.0
4,6-Dinitro-2-methylphenol	0.108	0.101	0.010	-6.4793	50.0
N-Nitrosodiphenylamine	0.590	0.526	0.050	-10.79	50.0
1,2,4,5-Tetrachlorobenzene	0.639	0.594	0.100	-7.1352	50.0
4-Bromophenyl-phenylether	0.223	0.204	0.070	-8.514	50.0
Hexachlorobenzene	0.250	0.234	0.050	-6.117	50.0
Atrazine	0.208	0.203	0.010	-2.4577	50.0
Pentachlorophenol	0.144	0.142	0.010	-1.1837	50.0
Phenanthrene	1.047	0.969	0.200	-7.4768	50.0
Pentachlorobenzene	0.309	0.277	0.050	-10.5969	50.0
Anthracene	1.077	1.008	0.200	-6.3858	50.0
1,2,3,4-Tetrachlorobenzene	0.325	0.273	0.050	-15.8263	50.0
Carbazole	0.889	0.889	0.050	0.0251	50.0
Di-n-butylphthalate	1.155	1.133	0.500	-1.8819	50.0
Fluoranthene	1.468	1.250	0.400	-14.8177	50.0
Pyrene	1.505	1.302	0.400	-13.5282	50.0
Butylbenzylphthalate	0.559	0.548	0.100	-1.8697	50.0
3,3-Dichlorobenzidine	0.442	0.411	0.010	-7.1004	50.0
Benzo (a) anthracene	1.402	1.285	0.300	-8.3525	50.0
Chrysene	1.325	1.200	0.200	-9.4747	50.0
Bis (2-ethylhexyl) phthalate	0.868	0.802	0.200	-7.5271	50.0
Di-n-octyl phthalate	1.284	1.169	0.010	-8.9828	50.0
Benzo (b) fluoranthene	1.212	1.079	0.200	-10.9382	50.0
Benzo (k) fluoranthene	1.226	1.074	0.200	-12.349	50.0
Benzo (a) pyrene	1.144	1.031	0.200	-9.8177	50.0
Indeno (1,2,3-cd) pyrene	1.467	1.321	0.200	-9.9575	50.0
Dibenzo (a,h) anthracene	1.206	1.080	0.200	-10.4562	50.0
Benzo (g,h,i) perylene	1.198	1.061	0.200	-11.4523	50.0
2,3,4,6-Tetrachlorophenol	0.327	0.361	0.040	10.3563	50.0
1,4-Dioxane-d8	0.466	0.407	0.010	-12.6581	50.0
Pyridine-d5	1.357	1.147	0.010	-15.5253	50.0
Phenol-d5	1.640	1.482	0.010	-9.6716	50.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.876	0.050	-15.7281	50.0
2-Chlorophenol-d4	1.341	1.240	0.200	-7.4892	50.0
4-Methylphenol-d8	1.332	1.221	0.010	-8.3842	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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 Instrument ID: BNA_P Calibration Date/Time: 7/3/2024 12:17:21
 Lab File ID: BP020773.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020671 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.146	0.050	-0.8331	50.0
2-Nitrophenol-d4	0.148	0.164	0.050	10.9562	50.0
2,4-Dichlorophenol-d3	0.304	0.299	0.060	-1.7119	50.0
4-Chloroaniline-d4	0.427	0.408	0.010	-4.2483	50.0
Dimethylphthalate-d6	1.391	1.364	0.300	-1.9026	50.0
Acenaphthylene-d8	1.659	1.545	0.400	-6.8999	50.0
4-Nitrophenol-d4	0.212	0.233	0.010	9.6947	50.0
Fluorene-d10	1.170	1.136	0.100	-2.9092	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.093	0.010	-7.7725	50.0
Anthracene-d10	0.898	0.849	0.300	-5.4032	50.0
Pyrene-d10	1.202	1.052	0.300	-12.4312	50.0
Benzo(a)pyrene-d12	0.973	0.909	0.010	-6.5186	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020769.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020769.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020769.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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	6.559		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	30.992		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.74		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.78		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.138		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.606		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	35.842		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.913		10-120		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.186		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.335		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.694		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	34.05		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.902		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	37.741		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020769.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.893		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	35.232		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	33.334		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.05		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139375	7.722				
1146-65-2	Naphthalene-d8	564590	10.493				
15067-26-2	Acenaphthene-d10	377506	14.351				
1517-22-2	Phenanthrene-d10	844229	17.163				
1719-03-5	Chrysene-d12	827895	21.622				
1520-96-3	Perylene-d12	949252	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MS	SDG No.:	BP070324
Lab Sample ID:	P3065-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.08 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
BP020770.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	680		19	11.7	120	ug/Kg
100-52-7	Benzaldehyde	1500		79	150	580	ug/Kg
110-86-1	Pyridine	1000		58	290	580	ug/Kg
108-95-2	Phenol	2300		76	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2000		71	150	580	ug/Kg
95-57-8	2-Chlorophenol	2200		41	75	300	ug/Kg
95-48-7	2-Methylphenol	2200		69	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	150	580	ug/Kg
98-86-2	Acetophenone	2100		71	150	580	ug/Kg
106-44-5	4-Methylphenol	2300		65	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1900		90	75	300	ug/Kg
67-72-1	Hexachloroethane	1600		32	75	300	ug/Kg
98-95-3	Nitrobenzene	2100		55	75	300	ug/Kg
78-59-1	Isophorone	2100		85	75	300	ug/Kg
88-75-5	2-Nitrophenol	2700		55	75	300	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		44	75	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2100		76	75	300	ug/Kg
120-83-2	2,4-Dichlorophenol	2500		28	75	300	ug/Kg
91-20-3	Naphthalene	2200		44	75	300	ug/Kg
106-47-8	4-Chloroaniline	1200		42	75	580	ug/Kg
87-68-3	Hexachlorobutadiene	2300		78	75	300	ug/Kg
105-60-2	Caprolactam	2300		130	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2500		86	75	300	ug/Kg
90-12-0	1-Methylnaphthalene	2300		58	75	300	ug/Kg
91-57-6	2-Methylnaphthalene	2300		41	75	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2700		86	75	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2800		69	75	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MS	SDG No.:	BP070324
Lab Sample ID:	P3065-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.08 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
BP020770.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2300		42	75	300	ug/Kg
91-58-7	2-Chloronaphthalene	2300		46	75	300	ug/Kg
88-74-4	2-Nitroaniline	2900		72	75	300	ug/Kg
131-11-3	Dimethylphthalate	2500		51	75	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	2900		78	75	300	ug/Kg
208-96-8	Acenaphthylene	2400		56	75	300	ug/Kg
99-09-2	3-Nitroaniline	2600		78	150	580	ug/Kg
83-32-9	Acenaphthene	2300		51	75	300	ug/Kg
51-28-5	2,4-Dinitrophenol	3500		85	150	580	ug/Kg
100-02-7	4-Nitrophenol	3000		78	150	580	ug/Kg
132-64-9	Dibenzofuran	2400		56	75	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	3100		76	75	300	ug/Kg
84-66-2	Diethylphthalate	2500		53	75	300	ug/Kg
86-73-7	Fluorene	2500		44	75	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2400		35	75	300	ug/Kg
100-01-6	4-Nitroaniline	3100		55	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3100		140	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2400		58	75	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		42	75	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500		51	75	300	ug/Kg
118-74-1	Hexachlorobenzene	2000		56	75	300	ug/Kg
1912-24-9	Atrazine	1800		130	150	580	ug/Kg
87-86-5	Pentachlorophenol	2600		130	150	580	ug/Kg
85-01-8	Phenanthrene	3600		51	75	300	ug/Kg
608-93-5	Pentachlorobenzene	2000		92	75	300	ug/Kg
120-12-7	Anthracene	2500		44	75	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2300		88	75	300	ug/Kg
86-74-8	Carbazole	2500		49	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	2700		110	75	300	ug/Kg
206-44-0	Fluoranthene	4600		95	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MS	SDG No.:	BP070324
Lab Sample ID:	P3065-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.08 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
BP020770.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400		86	75	300	ug/Kg
85-68-7	Butylbenzylphthalate	2800		150	75	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880		85	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	3600		48	75	300	ug/Kg
218-01-9	Chrysene	3800		55	75	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		170	75	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		130	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	4100		58	75	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	3100		67	75	300	ug/Kg
50-32-8	Benzo(a)pyrene	1900		56	75	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400		55	75	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2700		49	75	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		46	75	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		58	75	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.069		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	10.586		20-120		26	SPK: -40
4165-62-2	Phenol-d5	31.282		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.504		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.101		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	31.01		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	34.527		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.02		10-120		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.77		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.615		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.552		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	35.93		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.171		10-150		105	SPK: -40
81103-79-9	Fluorene-d10	38.511		20-140		96	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MS	SDG No.:	BP070324
Lab Sample ID:	P3065-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.08 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
BP020770.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.221		10-130		118	SPK: -40
1719-06-8	Anthracene-d10	37.719		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	32.394		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.953		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209623	7.74				
1146-65-2	Naphthalene-d8	843820	10.499				
15067-26-2	Acenaphthene-d10	521094	14.357				
1517-22-2	Phenanthrene-d10	1062903	17.169				
1719-03-5	Chrysene-d12	937399	21.616				
1520-96-3	Perylene-d12	1128781	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MSD	SDG No.:	BP070324
Lab Sample ID:	P3065-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
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
BP020771.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	640		19	11.6	120	ug/Kg
100-52-7	Benzaldehyde	1500		79	150	580	ug/Kg
110-86-1	Pyridine	970		58	290	580	ug/Kg
108-95-2	Phenol	2300		76	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2000		71	150	580	ug/Kg
95-57-8	2-Chlorophenol	2200		41	75	300	ug/Kg
95-48-7	2-Methylphenol	2200		69	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	150	580	ug/Kg
98-86-2	Acetophenone	2200		71	150	580	ug/Kg
106-44-5	4-Methylphenol	2400		65	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000		90	75	300	ug/Kg
67-72-1	Hexachloroethane	1600		32	75	300	ug/Kg
98-95-3	Nitrobenzene	2100		55	75	300	ug/Kg
78-59-1	Isophorone	2100		85	75	300	ug/Kg
88-75-5	2-Nitrophenol	2700		55	75	300	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		44	75	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2100		76	75	300	ug/Kg
120-83-2	2,4-Dichlorophenol	2500		28	75	300	ug/Kg
91-20-3	Naphthalene	2200		44	75	300	ug/Kg
106-47-8	4-Chloroaniline	1300		42	75	580	ug/Kg
87-68-3	Hexachlorobutadiene	2300		78	75	300	ug/Kg
105-60-2	Caprolactam	2400		130	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		86	75	300	ug/Kg
90-12-0	1-Methylnaphthalene	2300		58	75	300	ug/Kg
91-57-6	2-Methylnaphthalene	2300		41	75	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2700		86	75	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2800		69	75	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MSD	SDG No.:	BP070324
Lab Sample ID:	P3065-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
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
BP020771.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2300		42	75	300	ug/Kg
91-58-7	2-Chloronaphthalene	2300		46	75	300	ug/Kg
88-74-4	2-Nitroaniline	2900		72	75	300	ug/Kg
131-11-3	Dimethylphthalate	2500		51	75	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	3000		78	75	300	ug/Kg
208-96-8	Acenaphthylene	2400		56	75	300	ug/Kg
99-09-2	3-Nitroaniline	2600		78	150	580	ug/Kg
83-32-9	Acenaphthene	2400		51	75	300	ug/Kg
51-28-5	2,4-Dinitrophenol	3300		85	150	580	ug/Kg
100-02-7	4-Nitrophenol	2700		78	150	580	ug/Kg
132-64-9	Dibenzofuran	2400		56	75	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	3100		76	75	300	ug/Kg
84-66-2	Diethylphthalate	2600		53	75	300	ug/Kg
86-73-7	Fluorene	2500		44	75	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2400		35	75	300	ug/Kg
100-01-6	4-Nitroaniline	3200		55	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3000		140	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2400		58	75	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		42	75	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500		51	75	300	ug/Kg
118-74-1	Hexachlorobenzene	2000		56	75	300	ug/Kg
1912-24-9	Atrazine	1800		130	150	580	ug/Kg
87-86-5	Pentachlorophenol	2600		130	150	580	ug/Kg
85-01-8	Phenanthrene	3600		51	75	300	ug/Kg
608-93-5	Pentachlorobenzene	2000		92	75	300	ug/Kg
120-12-7	Anthracene	2600		44	75	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2400		88	75	300	ug/Kg
86-74-8	Carbazole	2600		49	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	2700		110	75	300	ug/Kg
206-44-0	Fluoranthene	4600		95	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MSD	SDG No.:	BP070324
Lab Sample ID:	P3065-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
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
BP020771.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400		86	75	300	ug/Kg
85-68-7	Butylbenzylphthalate	2800		150	75	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		85	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	3600		48	75	300	ug/Kg
218-01-9	Chrysene	3800		55	75	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		170	75	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		130	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	4100		58	75	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		67	75	300	ug/Kg
50-32-8	Benzo(a)pyrene	1800		56	75	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400		55	75	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2600		49	75	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		46	75	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900		58	75	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.909		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	9.897		20-120		25	SPK: -40
4165-62-2	Phenol-d5	31.619		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.295		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.566		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	32.243		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	34.71		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.569		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.954		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.622		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.199		10-145		98	SPK: -40
93951-97-4	Acenaphthylene-d8	35.969		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.672		10-150		107	SPK: -40
81103-79-9	Fluorene-d10	38.758		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6MSD	SDG No.:	BP070324
Lab Sample ID:	P3065-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
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
BP020771.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161806

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.369		10-130		113	SPK: -40
1719-06-8	Anthracene-d10	38.552		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	32.809		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.534		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198666	7.734				
1146-65-2	Naphthalene-d8	819121	10.499				
15067-26-2	Acenaphthene-d10	525564	14.357				
1517-22-2	Phenanthrene-d10	1066305	17.175				
1719-03-5	Chrysene-d12	942343	21.628				
1520-96-3	Perylene-d12	1156109	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7	SDG No.:	BP070324
Lab Sample ID:	P2963-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BP020772.D	1	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	120	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	290	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.5	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	130	J	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.5	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.5	290	ug/Kg
98-95-3	Nitrobenzene	54	U	54	73.5	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.5	290	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	73.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.5	290	ug/Kg
91-20-3	Naphthalene	130	J	43	73.5	290	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	73.5	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	73.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	57	73.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	40	73.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	73.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7	SDG No.:	BP070324
Lab Sample ID:	P2963-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BP020772.D	1	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	73.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.5	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.5	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.5	290	ug/Kg
208-96-8	Acenaphthylene	99	J	55	73.5	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	260	J	50	73.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	170	J	55	73.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.5	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.5	290	ug/Kg
86-73-7	Fluorene	310		43	73.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.5	290	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	73.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.5	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	3000		50	73.5	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.5	290	ug/Kg
120-12-7	Anthracene	580		43	73.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	87	U	87	73.5	290	ug/Kg
86-74-8	Carbazole	170	J	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.5	290	ug/Kg
206-44-0	Fluoranthene	2400		93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7	SDG No.:	BP070324
Lab Sample ID:	P2963-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BP020772.D	1	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000		85	73.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	73.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	1200		47	73.5	290	ug/Kg
218-01-9	Chrysene	1300		54	73.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		57	73.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		66	73.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	560		55	73.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		54	73.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	J	48	73.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	J	45	73.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.948		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	1.275	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	31.601		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.164		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.134		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.723		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.705		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.047		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.859		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.19		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.828		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	33.736		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.789		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	36.211		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7	SDG No.:	BP070324
Lab Sample ID:	P2963-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BP020772.D	1	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.518		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	36.91		10-150		92	SPK: -40
1718-52-1	Pyrene-d10	29.973		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.744		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211626	7.74				
1146-65-2	Naphthalene-d8	871629	10.499				
15067-26-2	Acenaphthene-d10	573327	14.351				
1517-22-2	Phenanthrene-d10	1151468	17.169				
1719-03-5	Chrysene-d12	1040225	21.622				
1520-96-3	Perylene-d12	1257490	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
000075-76-3	Silane, tetramethyl-	200	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.24	
000573-98-8	Naphthalene, 1,2-dimethyl-	130	J			13.669	
000486-25-9	9H-Fluoren-9-one	160	J			16.816	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	220	J			16.91	
000234-41-3	Naphtho[1,2-b]thiophene	240	J			16.975	
007372-88-5	Dibenzothiophene, 4-methyl-	170	J			17.769	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	120	J			17.916	
000832-69-9	Phenanthrene, 1-methyl-	590	J			18.075	
000057-10-3	n-Hexadecanoic acid	510	J			18.104	
002531-84-2	Phenanthrene, 2-methyl-	790	J			18.128	
000832-64-4	Phenanthrene, 4-methyl-	230	J			18.216	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.281	
000613-12-7	Anthracene, 2-methyl-	510	J			18.31	
000612-94-2	Naphthalene, 2-phenyl-	330	J			18.598	
000084-65-1	9,10-Anthracenedione	270	J			18.645	
003674-69-9	Phenanthrene, 4,5-dimethyl-	170	J			18.845	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7	SDG No.:	BP070324
Lab Sample ID:	P2963-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BP020772.D	1	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	430	J			19.028	
001576-67-6	Phenanthrene, 3,6-dimethyl-	290	J			19.092	
005737-13-3	Cyclopenta(def)phenanthrenone	480	J			19.175	
000057-11-4	Octadecanoic acid	140	J			19.439	
000243-17-4	11H-Benzo[b]fluorene	190	J			20.198	
002381-21-7	Pyrene, 1-methyl-	120	J			20.357	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.557	
1000406-04-8	Pentadecafluorooctanoic acid, octa	390	J			21.28	
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020774.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020774.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020774.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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	6.34		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	30.733		20-120		77	SPK: -40
4165-62-2	Phenol-d5	32.821		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.362		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.964		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.826		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	36.185		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.326		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.179		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.634		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.139		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	33.625		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.013		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	35.888		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK628	SDG No.:	BP070324
Lab Sample ID:	PB161628BL	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
BP020774.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.72		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	35.98		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	34.733		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.679		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152739	7.728				
1146-65-2	Naphthalene-d8	632022	10.504				
15067-26-2	Acenaphthene-d10	421893	14.363				
1517-22-2	Phenanthrene-d10	877600	17.169				
1719-03-5	Chrysene-d12	790127	21.621				
1520-96-3	Perylene-d12	915049	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B48DL	SDG No.:	BP070324
Lab Sample ID:	P2963-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP020775.D	5	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	69	U	69	41.1	420	ug/Kg
100-52-7	Benzaldehyde	280	U	280	510	2100	ug/Kg
110-86-1	Pyridine	210	U	210	1000	2100	ug/Kg
108-95-2	Phenol	270	U	270	510	2100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	250	U	250	510	2100	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	260	1100	ug/Kg
95-48-7	2-Methylphenol	240	U	240	510	2100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	370	510	2100	ug/Kg
98-86-2	Acetophenone	250	U	250	510	2100	ug/Kg
106-44-5	4-Methylphenol	230	U	230	510	2100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	320	U	320	260	1100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	260	1100	ug/Kg
98-95-3	Nitrobenzene	190	U	190	260	1100	ug/Kg
78-59-1	Isophorone	300	U	300	260	1100	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	260	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	260	1100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	270	U	270	260	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	260	1100	ug/Kg
91-20-3	Naphthalene	160	U	160	260	1100	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	260	2100	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	260	1100	ug/Kg
105-60-2	Caprolactam	450	U	450	510	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	310	U	310	260	1100	ug/Kg
90-12-0	1-Methylnaphthalene	210	U	210	260	1100	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	260	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590	U	590	510	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	310	U	310	260	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	260	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B48DL	SDG No.:	BP070324
Lab Sample ID:	P2963-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP020775.D	5	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	260	1100	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	260	1100	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	260	1100	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	260	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	260	1100	ug/Kg
208-96-8	Acenaphthylene	200	U	200	260	1100	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	510	2100	ug/Kg
83-32-9	Acenaphthene	450	JD	180	260	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	510	2100	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	510	2100	ug/Kg
132-64-9	Dibenzofuran	340	JD	200	260	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	260	1100	ug/Kg
84-66-2	Diethylphthalate	190	U	190	260	1100	ug/Kg
86-73-7	Fluorene	610	JD	160	260	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	260	1100	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	510	2100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	510	2100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	260	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	260	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	260	1100	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	260	1100	ug/Kg
1912-24-9	Atrazine	440	U	440	510	2100	ug/Kg
87-86-5	Pentachlorophenol	460	U	460	510	2100	ug/Kg
85-01-8	Phenanthrene	4700	D	180	260	1100	ug/Kg
608-93-5	Pentachlorobenzene	320	U	320	260	1100	ug/Kg
120-12-7	Anthracene	910	JD	160	260	1100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	310	U	310	260	1100	ug/Kg
86-74-8	Carbazole	620	JD	170	510	2100	ug/Kg
84-74-2	Di-n-butylphthalate	380	U	380	260	1100	ug/Kg
206-44-0	Fluoranthene	4600	D	340	510	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B48DL	SDG No.:	BP070324
Lab Sample ID:	P2963-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP020775.D	5	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2800	D	310	260	1100	ug/Kg
85-68-7	Butylbenzylphthalate	520	U	520	260	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	510	2100	ug/Kg
56-55-3	Benzo(a)anthracene	1800	D	170	260	1100	ug/Kg
218-01-9	Chrysene	1700	D	190	260	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	260	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	470	U	470	510	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900	D	210	260	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	840	JD	240	260	1100	ug/Kg
50-32-8	Benzo(a)pyrene	760	JD	200	260	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	JD	190	260	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	JD	170	260	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	260	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	260	1100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.49		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	2.96	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	19.305		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.92		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.285		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	7.7		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	21.065		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.965		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.31		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.235		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.345		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	23.39		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.325		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	27.165		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B48DL	SDG No.:	BP070324
Lab Sample ID:	P2963-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BP020775.D	5	6/22/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.81		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	25.385		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	22.55		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.305		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156608	7.74				
1146-65-2	Naphthalene-d8	665308	10.505				
15067-26-2	Acenaphthene-d10	438636	14.357				
1517-22-2	Phenanthrene-d10	932371	17.169				
1719-03-5	Chrysene-d12	848342	21.616				
1520-96-3	Perylene-d12	987289	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	500	JD			17.775	
000057-10-3	n-Hexadecanoic acid	880	JD			18.092	
000832-69-9	Phenanthrene, 1-methyl-	500	JD			18.122	
000203-64-5	4H-Cyclopenta[def]phenanthrene	960	JD			18.281	
E966796	Total Alkanes	150	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78DL2	SDG No.:	BP070324
Lab Sample ID:	P2962-06DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020776.D	10	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2900	U	2900	2100	21000	ug/Kg
100-52-7	Benzaldehyde	15000	U	15000	26500	110000	ug/Kg
110-86-1	Pyridine	18000	U	18000	52900	110000	ug/Kg
108-95-2	Phenol	13000	U	13000	26500	110000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	12000	U	12000	26500	110000	ug/Kg
95-57-8	2-Chlorophenol	8300	U	8300	13600	53000	ug/Kg
95-48-7	2-Methylphenol	9300	U	9300	26500	110000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	21000	U	21000	26500	110000	ug/Kg
98-86-2	Acetophenone	10000	U	10000	26500	110000	ug/Kg
106-44-5	4-Methylphenol	9100	U	9100	26500	110000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	18000	U	18000	13600	53000	ug/Kg
67-72-1	Hexachloroethane	5100	U	5100	13600	53000	ug/Kg
98-95-3	Nitrobenzene	10000	U	10000	13600	53000	ug/Kg
78-59-1	Isophorone	12000	U	12000	13600	53000	ug/Kg
88-75-5	2-Nitrophenol	7500	U	7500	13600	53000	ug/Kg
105-67-9	2,4-Dimethylphenol	7600	U	7600	13600	53000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	14000	U	14000	13600	53000	ug/Kg
120-83-2	2,4-Dichlorophenol	6800	U	6800	13600	53000	ug/Kg
91-20-3	Naphthalene	540000	D	7500	13600	53000	ug/Kg
106-47-8	4-Chloroaniline	6000	U	6000	13600	110000	ug/Kg
87-68-3	Hexachlorobutadiene	15000	U	15000	13600	53000	ug/Kg
105-60-2	Caprolactam	30000	U	30000	26500	110000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	14000	U	14000	13600	53000	ug/Kg
90-12-0	1-Methylnaphthalene	130000	D	13000	13600	53000	ug/Kg
91-57-6	2-Methylnaphthalene	230000	D	6800	13600	53000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	29000	U	29000	26500	110000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	13000	U	13000	13600	53000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	8100	U	8100	13600	53000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78DL2	SDG No.:	BP070324
Lab Sample ID:	P2962-06DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020776.D	10	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	22000	JD	7500	13600	53000	ug/Kg
91-58-7	2-Chloronaphthalene	7500	U	7500	13600	53000	ug/Kg
88-74-4	2-Nitroaniline	17000	U	17000	13600	53000	ug/Kg
131-11-3	Dimethylphthalate	7800	U	7800	13600	53000	ug/Kg
606-20-2	2,6-Dinitrotoluene	14000	U	14000	13600	53000	ug/Kg
208-96-8	Acenaphthylene	88000	D	8400	13600	53000	ug/Kg
99-09-2	3-Nitroaniline	9100	U	9100	26500	110000	ug/Kg
83-32-9	Acenaphthene	20000	JD	8800	13600	53000	ug/Kg
51-28-5	2,4-Dinitrophenol	31000	U	31000	26500	110000	ug/Kg
100-02-7	4-Nitrophenol	12000	U	12000	26500	110000	ug/Kg
132-64-9	Dibenzofuran	7700	U	7700	13600	53000	ug/Kg
121-14-2	2,4-Dinitrotoluene	10000	U	10000	13600	53000	ug/Kg
84-66-2	Diethylphthalate	8800	U	8800	13600	53000	ug/Kg
86-73-7	Fluorene	60000	D	7600	13600	53000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	7600	U	7600	13600	53000	ug/Kg
100-01-6	4-Nitroaniline	8200	U	8200	26500	110000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24000	U	24000	26500	110000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	7800	U	7800	13600	53000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	6800	U	6800	13600	53000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	7600	U	7600	13600	53000	ug/Kg
118-74-1	Hexachlorobenzene	8700	U	8700	13600	53000	ug/Kg
1912-24-9	Atrazine	21000	U	21000	26500	110000	ug/Kg
87-86-5	Pentachlorophenol	19000	U	19000	26500	110000	ug/Kg
85-01-8	Phenanthrene	180000	D	9000	13600	53000	ug/Kg
608-93-5	Pentachlorobenzene	17000	U	17000	13600	53000	ug/Kg
120-12-7	Anthracene	46000	JD	7300	13600	53000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18000	U	18000	13600	53000	ug/Kg
86-74-8	Carbazole	6500	U	6500	26500	110000	ug/Kg
84-74-2	Di-n-butylphthalate	16000	U	16000	13600	53000	ug/Kg
206-44-0	Fluoranthene	57000	D	15000	26500	53000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78DL2	SDG No.:	BP070324
Lab Sample ID:	P2962-06DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020776.D	10	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	83000	D	12000	13600	53000	ug/Kg
85-68-7	Butylbenzylphthalate	26000	U	26000	13600	53000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	17000	U	17000	26500	110000	ug/Kg
56-55-3	Benzo(a)anthracene	31000	JD	5900	13600	53000	ug/Kg
218-01-9	Chrysene	28000	JD	8300	13600	53000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28000	U	28000	13600	53000	ug/Kg
117-84-0	Di-n-octyl phthalate	29000	U	29000	26500	110000	ug/Kg
205-99-2	Benzo(b)fluoranthene	21000	JD	12000	13600	53000	ug/Kg
207-08-9	Benzo(k)fluoranthene	8200	U	8200	13600	53000	ug/Kg
50-32-8	Benzo(a)pyrene	25000	JD	12000	13600	53000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9700	U	9700	13600	53000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8200	U	8200	13600	53000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9800	U	9800	13600	53000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	10000	U	10000	13600	53000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.59		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	23.41		20-120		59	SPK: -40
4165-62-2	Phenol-d5	31.15		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.84		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.61		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	33.49		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	35.2		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.04		10-120		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.03		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.01		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.52		10-145		101	SPK: -40
93951-97-4	Acenaphthylene-d8	38.61		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	42.27		20-140		106	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78DL2	SDG No.:	BP070324
Lab Sample ID:	P2962-06DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020776.D	10	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	39.33		10-150		98	SPK: -40
1718-52-1	Pyrene-d10	37.98		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.21		10-140		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185419	7.728				
1146-65-2	Naphthalene-d8	769282	10.499				
15067-26-2	Acenaphthene-d10	509544	14.357				
1517-22-2	Phenanthrene-d10	1068204	17.169				
1719-03-5	Chrysene-d12	986817	21.622				
1520-96-3	Perylene-d12	1124384	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	35000	JD			6.834	
000526-73-8	Benzene, 1,2,3-trimethyl-	55000	JD			7.381	
000095-13-6	Indene	110000	JD			8.264	
002177-47-1	2-Methylindene	36000	JD			9.934	
000767-59-9	1H-Indene, 1-methyl-	24000	JD			10.005	
001127-76-0	Naphthalene, 1-ethyl-	35000	JD			13.375	
000575-43-9	Naphthalene, 1,6-dimethyl-	41000	JD			13.528	
000575-37-1	Naphthalene, 1,7-dimethyl-	48000	JD			13.675	
	unknown-01	120000	JD			14.581	
000610-48-0	Anthracene, 1-methyl-	35000	JD			18.075	
002531-84-2	Phenanthrene, 2-methyl-	47000	JD			18.122	
000203-64-5	4H-Cyclopenta[def]phenanthrene	58000	JD			18.269	
000781-43-1	9,10-Dimethylanthracene	22000	JD			19.028	
	unknown-02	22000	JD			19.463	
E966796	Total Alkanes	7500	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS2	SDG No.:	BP070324
Lab Sample ID:	P2964-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BP020777.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

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	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	290	570	ug/Kg
108-95-2	Phenol	75	U	75	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.9	300	ug/Kg
95-48-7	2-Methylphenol	68	U	68	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	70	U	70	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	73.9	300	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.9	300	ug/Kg
98-95-3	Nitrobenzene	54	U	54	73.9	300	ug/Kg
78-59-1	Isophorone	83	U	83	73.9	300	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	73.9	300	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.9	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	75	U	75	73.9	300	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.9	300	ug/Kg
91-20-3	Naphthalene	1600		43	73.9	300	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	73.9	570	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	73.9	300	ug/Kg
105-60-2	Caprolactam	130	U	130	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	73.9	300	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57	73.9	300	ug/Kg
91-57-6	2-Methylnaphthalene	1500		40	73.9	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	73.9	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	73.9	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS2	SDG No.:	BP070324
Lab Sample ID:	P2964-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BP020777.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230	J	42	73.9	300	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.9	300	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.9	300	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.9	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	77	U	77	73.9	300	ug/Kg
208-96-8	Acenaphthylene	83	J	56	73.9	300	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	140	570	ug/Kg
83-32-9	Acenaphthene	4300		50	73.9	300	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	140	570	ug/Kg
132-64-9	Dibenzofuran	1200		56	73.9	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	75	U	75	73.9	300	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.9	300	ug/Kg
86-73-7	Fluorene	3600		43	73.9	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.9	300	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.9	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	73.9	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.9	300	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	73.9	300	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	20000	E	50	73.9	300	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.9	300	ug/Kg
120-12-7	Anthracene	4300		43	73.9	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	87	U	87	73.9	300	ug/Kg
86-74-8	Carbazole	1500		49	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.9	300	ug/Kg
206-44-0	Fluoranthene	14000	E	94	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS2	SDG No.:	BP070324
Lab Sample ID:	P2964-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BP020777.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14000	E	85	73.9	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	73.9	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	8400	E	47	73.9	300	ug/Kg
218-01-9	Chrysene	9400	E	54	73.9	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.9	300	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	7700	E	57	73.9	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		66	73.9	300	ug/Kg
50-32-8	Benzo(a)pyrene	4100		56	73.9	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400		54	73.9	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		49	73.9	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		45	73.9	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.9	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.94		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	2.469	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	12.402		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.79		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.513		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.46		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.868		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.98		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.774		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.558		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.665		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.439		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.232		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	16.788		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS2	SDG No.:	BP070324
Lab Sample ID:	P2964-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BP020777.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.189		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	16.643		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	13.777		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.372		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201725	7.728				
1146-65-2	Naphthalene-d8	818838	10.505				
15067-26-2	Acenaphthene-d10	523789	14.357				
1517-22-2	Phenanthrene-d10	1021138	17.175				
1719-03-5	Chrysene-d12	883410	21.627				
1520-96-3	Perylene-d12	1128844	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	1200	J			13.675	
001855-47-6	1-Isopropenylnaphthalene	1300	J			14.669	
000954-21-2	Nordiphenamid	1200	J			15.592	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1100	J			15.722	
001730-37-6	9H-Fluorene, 1-methyl-	1400	J			16.434	
002523-39-9	9H-Fluorene, 3-methyl-	1300	J			16.457	
001430-97-3	9H-Fluorene, 2-methyl-	1400	J			16.504	
	unknown-01	1000	J			16.61	
028122-25-0	Benzene, 1-ethyl-2-(phenylmethyl)-	1100	J			16.728	
000486-25-9	9H-Fluoren-9-one	1300	J			16.816	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	2700	J			16.916	
000132-65-0	Dibenzothiophene	3600	J			16.986	
000605-02-7	Naphthalene, 1-phenyl-	1000	J			17.704	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	1900	J			17.769	
007372-88-5	Dibenzothiophene, 4-methyl-	2100	J			17.922	
002531-84-2	Phenanthrene, 2-methyl-	6300	J			18.081	
000832-69-9	Phenanthrene, 1-methyl-	7000	J			18.134	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS2	SDG No.:	BP070324
Lab Sample ID:	P2964-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BP020777.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000613-12-7	Anthracene, 2-methyl-	2500	J			18.216	
000203-64-5	4H-Cyclopenta[def]phenanthrene	8800	J			18.287	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	4600	J			18.328	
	unknown-02	1700	J			18.498	
000612-94-2	Naphthalene, 2-phenyl-	3600	J			18.604	
000084-65-1	9,10-Anthracenedione	2900	J			18.657	
003674-69-9	Phenanthrene, 4,5-dimethyl-	1500	J			18.857	
001576-67-6	Phenanthrene, 3,6-dimethyl-	890	J			18.904	
003674-66-6	Phenanthrene, 2,5-dimethyl-	2900	J			19.039	
	unknown-03	1500	J			19.104	
005737-13-3	Cyclopenta(def)phenanthrenone	2600	J			19.192	
000192-97-2	Benzo[e]pyrene	1300	J			24.18	
000198-55-0	Perylene	1600	J			24.669	
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49	SDG No.:	BP070324
Lab Sample ID:	P2964-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
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
BP020778.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	16.4	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	210	820	ug/Kg
110-86-1	Pyridine	82	U	82	410	820	ug/Kg
108-95-2	Phenol	110	U	110	210	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	820	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	110	420	ug/Kg
95-48-7	2-Methylphenol	97	U	97	210	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	820	ug/Kg
98-86-2	Acetophenone	100	U	100	210	820	ug/Kg
106-44-5	4-Methylphenol	92	U	92	210	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	420	ug/Kg
67-72-1	Hexachloroethane	45	U	45	110	420	ug/Kg
98-95-3	Nitrobenzene	77	U	77	110	420	ug/Kg
78-59-1	Isophorone	120	U	120	110	420	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	110	420	ug/Kg
91-20-3	Naphthalene	62	U	62	110	420	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	420	ug/Kg
105-60-2	Caprolactam	180	U	180	210	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	82	U	82	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97	U	97	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49	SDG No.:	BP070324
Lab Sample ID:	P2964-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
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
BP020778.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	65	110	420	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	420	ug/Kg
131-11-3	Dimethylphthalate	72	U	72	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	420	ug/Kg
208-96-8	Acenaphthylene	80	U	80	110	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	820	ug/Kg
83-32-9	Acenaphthene	72	U	72	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	820	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	820	ug/Kg
132-64-9	Dibenzofuran	80	U	80	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	420	ug/Kg
84-66-2	Diethylphthalate	75	U	75	110	420	ug/Kg
86-73-7	Fluorene	62	U	62	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	110	420	ug/Kg
100-01-6	4-Nitroaniline	77	U	77	210	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	210	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	82	U	82	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	72	U	72	110	420	ug/Kg
118-74-1	Hexachlorobenzene	80	U	80	110	420	ug/Kg
1912-24-9	Atrazine	180	U	180	210	820	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	210	820	ug/Kg
85-01-8	Phenanthrene	450		72	110	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	420	ug/Kg
120-12-7	Anthracene	62	U	62	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	110	420	ug/Kg
86-74-8	Carbazole	70	U	70	210	820	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	420	ug/Kg
206-44-0	Fluoranthene	810		130	210	420	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49	SDG No.:	BP070324
Lab Sample ID:	P2964-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
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
BP020778.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560		120	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	820	ug/Kg
56-55-3	Benzo(a)anthracene	350	J	67	110	420	ug/Kg
218-01-9	Chrysene	460		77	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		82	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	95	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	210	J	80	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	77	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	U	70	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82	U	82	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.369		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	0.981	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	17.254		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.793		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.067		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	13.348		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	20.311		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.272		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.672		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.459		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.76		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.498		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.06		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	21.821		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49	SDG No.:	BP070324
Lab Sample ID:	P2964-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
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
BP020778.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.809		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.195		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.427		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.779		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160151	7.728				
1146-65-2	Naphthalene-d8	654796	10.505				
15067-26-2	Acenaphthene-d10	441052	14.369				
1517-22-2	Phenanthrene-d10	920774	17.175				
1719-03-5	Chrysene-d12	851371	21.633				
1520-96-3	Perylene-d12	990586	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	340	J			3.052	
	unknown-01	370	J			4.887	
006180-61-6	1-Propanol, 3-phenoxy-	220	J			11.252	
000057-10-3	n-Hexadecanoic acid	850	J			18.122	
	unknown-02	380	J			18.275	
000057-11-4	Octadecanoic acid	500	J			19.445	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	210	J			21.198	
	(DEL) Alkane: Straight-Chain21.298	1400	J			21.298	
	(DEL) Alkane: Straight-Chain22.522	2400	J			22.522	
	(DEL) Alkane: Straight-Chain24.104	2200	J			24.104	
1000330-62-4	Fumaric acid, 2-chloroethyl octade	1100	J			24.18	
1000376-70-0	Heptadecanal	2800	J			25.669	
	(DEL) Alkane: Straight-Chain26.316	1500	J			26.316	
000557-61-9	Octacosanol	1700	J			26.463	
E966796	Total Alkanes	7500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51	SDG No.:	BP070324
Lab Sample ID:	P2964-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020779.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.1	92	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	59	U	59	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.8	240	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83	U	83	110	460	ug/Kg
98-86-2	Acetophenone	55	U	55	110	460	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	58.8	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.8	240	ug/Kg
98-95-3	Nitrobenzene	43	U	43	58.8	240	ug/Kg
78-59-1	Isophorone	66	U	66	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.8	240	ug/Kg
91-20-3	Naphthalene	35	U	35	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	58.8	240	ug/Kg
105-60-2	Caprolactam	100	U	100	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	68	U	68	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	68	U	68	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	58.8	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51	SDG No.:	BP070324
Lab Sample ID:	P2964-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020779.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	61	58.8	240	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	61	U	61	110	460	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	460	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	460	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.8	240	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.8	240	ug/Kg
86-73-7	Fluorene	35	U	35	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.8	240	ug/Kg
1912-24-9	Atrazine	98	U	98	110	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	460	ug/Kg
85-01-8	Phenanthrene	200	J	40	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	58.8	240	ug/Kg
120-12-7	Anthracene	35	U	35	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	58.8	240	ug/Kg
86-74-8	Carbazole	39	U	39	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.8	240	ug/Kg
206-44-0	Fluoranthene	370		75	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51	SDG No.:	BP070324
Lab Sample ID:	P2964-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020779.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		68	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	37	58.8	240	ug/Kg
218-01-9	Chrysene	190	J	43	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	J	46	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	J	53	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	88	J	44	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	J	43	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.904		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	4.234	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	15.784		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.888		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.084		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	11.317		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	18.581		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.167		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.77		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.902		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.164		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	17.79		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.43		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	19.826		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51	SDG No.:	BP070324
Lab Sample ID:	P2964-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.9
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
BP020779.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.604		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	18.558		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	15.81		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.435		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166446	7.734				
1146-65-2	Naphthalene-d8	674420	10.499				
15067-26-2	Acenaphthene-d10	442783	14.363				
1517-22-2	Phenanthrene-d10	925552	17.169				
1719-03-5	Chrysene-d12	843405	21.61				
1520-96-3	Perylene-d12	993822	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	130	J			3.058	
000057-55-6	Propylene Glycol	110	J			3.54	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	140	J			3.781	
	unknown-01	190	J			4.893	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.246	
000057-10-3	n-Hexadecanoic acid	260	J			18.098	
000057-11-4	Octadecanoic acid	120	J			19.439	
	(DEL) Alkane: Straight-Chain	21.280	J			21.28	
E966796	Total Alkanes	250				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52	SDG No.:	BP070324
Lab Sample ID:	P2964-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45
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
BP020780.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	72	U	72	150	600	ug/Kg
106-44-5	4-Methylphenol	67	U	67	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	77	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77	310	ug/Kg
98-95-3	Nitrobenzene	56	U	56	77	310	ug/Kg
78-59-1	Isophorone	87	U	87	77	310	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	77	310	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	77	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	77	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77	310	ug/Kg
91-20-3	Naphthalene	45	U	45	77	310	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	77	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	77	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	77	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52	SDG No.:	BP070324
Lab Sample ID:	P2964-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45
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
BP020780.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	77	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	77	310	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	77	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	77	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	80	J	53	77	310	ug/Kg
51-28-5	2,4-Dinitrophenol	87	U	87	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	77	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	77	310	ug/Kg
84-66-2	Diethylphthalate	54	U	54	77	310	ug/Kg
86-73-7	Fluorene	78	J	45	77	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	77	310	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	77	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	77	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	600	ug/Kg
85-01-8	Phenanthrene	880		53	77	310	ug/Kg
608-93-5	Pentachlorobenzene	94	U	94	77	310	ug/Kg
120-12-7	Anthracene	160	J	45	77	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77	310	ug/Kg
86-74-8	Carbazole	97	J	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77	310	ug/Kg
206-44-0	Fluoranthene	1300		98	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52	SDG No.:	BP070324
Lab Sample ID:	P2964-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45
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
BP020780.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	820		89	77	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	87	U	87	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	590		49	77	310	ug/Kg
218-01-9	Chrysene	640		56	77	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	J	170	77	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		60	77	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	69	77	310	ug/Kg
50-32-8	Benzo(a)pyrene	310		58	77	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	56	77	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	51	77	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	77	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.985		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	3.502	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	15.653		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.678		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.703		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	13.255		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	18.169		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.647		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.617		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.583		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.614		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	18.28		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.758		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	19.84		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52	SDG No.:	BP070324
Lab Sample ID:	P2964-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45
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
BP020780.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.514		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	18.898		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	16.429		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.985		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171116	7.734				
1146-65-2	Naphthalene-d8	705029	10.499				
15067-26-2	Acenaphthene-d10	459968	14.357				
1517-22-2	Phenanthrene-d10	980658	17.175				
1719-03-5	Chrysene-d12	887544	21.622				
1520-96-3	Perylene-d12	1027821	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.54	
	unknown-01	230	J			4.887	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.24	
000057-10-3	n-Hexadecanoic acid	560	J			18.104	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.286	
000057-11-4	Octadecanoic acid	170	J			19.445	
	(DEL) Alkane: Straight-Chain	21.292	J			21.292	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4	SDG No.:	BP070324
Lab Sample ID:	P2964-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
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
BP020781.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.1	91	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	230	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	450	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.3	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	55	U	55	110	450	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	70	58.3	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.3	230	ug/Kg
98-95-3	Nitrobenzene	43	U	43	58.3	230	ug/Kg
78-59-1	Isophorone	66	U	66	58.3	230	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	58.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	58.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.3	230	ug/Kg
91-20-3	Naphthalene	66	J	34	58.3	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.3	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	58.3	230	ug/Kg
105-60-2	Caprolactam	99	U	99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	58.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	58.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	58.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	58.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4	SDG No.:	BP070324
Lab Sample ID:	P2964-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
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
BP020781.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.3	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	58.3	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	58.3	230	ug/Kg
208-96-8	Acenaphthylene	170	J	44	58.3	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	72	J	44	58.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.3	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.3	230	ug/Kg
86-73-7	Fluorene	110	J	34	58.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	58.3	230	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	58.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.3	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.3	230	ug/Kg
1912-24-9	Atrazine	97	U	97	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	1200		40	58.3	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	58.3	230	ug/Kg
120-12-7	Anthracene	270		34	58.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	58.3	230	ug/Kg
86-74-8	Carbazole	49	J	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.3	230	ug/Kg
206-44-0	Fluoranthene	1500		74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4	SDG No.:	BP070324
Lab Sample ID:	P2964-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
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
BP020781.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		67	58.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	750		37	58.3	230	ug/Kg
218-01-9	Chrysene	790		43	58.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		45	58.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		52	58.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	440		44	58.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330		43	58.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	38	58.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	J	36	58.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	58.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.344		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.481	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	19.613		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.522		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.442		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.828		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.748		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.116		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.834		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.507		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.738		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.575		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.347		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.149		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4	SDG No.:	BP070324
Lab Sample ID:	P2964-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
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
BP020781.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.053		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	23.331		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	19.741		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.353		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175962	7.74				
1146-65-2	Naphthalene-d8	709765	10.498				
15067-26-2	Acenaphthene-d10	462640	14.357				
1517-22-2	Phenanthrene-d10	969557	17.175				
1719-03-5	Chrysene-d12	844149	21.627				
1520-96-3	Perylene-d12	1017556	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	120	J			3.052	
000288-47-1	Thiazole	97	J			3.781	
	unknown-01	190	J			4.887	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.246	
000057-10-3	n-Hexadecanoic acid	540	J			18.11	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			18.286	
000832-64-4	Phenanthrene, 4-methyl-	120	J			18.316	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			19.039	
000057-11-4	Octadecanoic acid	230	J			19.451	
1000406-04-8	Pentadecafluorooctanoic acid, octa	330	J			21.292	
	(DEL) Alkane: Straight-Chain	560	J			24.104	
E966796	Total Alkanes	560				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4MS	SDG No.:	BP070324
Lab Sample ID:	P2964-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020782.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	430		15	9	91	ug/Kg
100-52-7	Benzaldehyde	1000		62	110	450	ug/Kg
110-86-1	Pyridine	420	J	45	230	450	ug/Kg
108-95-2	Phenol	1400		59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		55	110	450	ug/Kg
95-57-8	2-Chlorophenol	1400		32	58.2	230	ug/Kg
95-48-7	2-Methylphenol	1400		53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		82	110	450	ug/Kg
98-86-2	Acetophenone	1400		55	110	450	ug/Kg
106-44-5	4-Methylphenol	1500		51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		70	58.2	230	ug/Kg
67-72-1	Hexachloroethane	1100		25	58.2	230	ug/Kg
98-95-3	Nitrobenzene	1300		42	58.2	230	ug/Kg
78-59-1	Isophorone	1300		66	58.2	230	ug/Kg
88-75-5	2-Nitrophenol	1700		42	58.2	230	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		34	58.2	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		59	58.2	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		22	58.2	230	ug/Kg
91-20-3	Naphthalene	1500		34	58.2	230	ug/Kg
106-47-8	4-Chloroaniline	890		33	58.2	450	ug/Kg
87-68-3	Hexachlorobutadiene	1500		60	58.2	230	ug/Kg
105-60-2	Caprolactam	1400		99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		67	58.2	230	ug/Kg
90-12-0	1-Methylnaphthalene	1500		45	58.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	1500		32	58.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640		130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		67	58.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		53	58.2	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4MS	SDG No.:	BP070324
Lab Sample ID:	P2964-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020782.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		33	58.2	230	ug/Kg
91-58-7	2-Chloronaphthalene	1400		36	58.2	230	ug/Kg
88-74-4	2-Nitroaniline	1700		56	58.2	230	ug/Kg
131-11-3	Dimethylphthalate	1500		40	58.2	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		60	58.2	230	ug/Kg
208-96-8	Acenaphthylene	1600		44	58.2	230	ug/Kg
99-09-2	3-Nitroaniline	1700		60	110	450	ug/Kg
83-32-9	Acenaphthene	1400		40	58.2	230	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		66	110	450	ug/Kg
100-02-7	4-Nitrophenol	1700		60	110	450	ug/Kg
132-64-9	Dibenzofuran	1600		44	58.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		59	58.2	230	ug/Kg
84-66-2	Diethylphthalate	1500		41	58.2	230	ug/Kg
86-73-7	Fluorene	1600		34	58.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		27	58.2	230	ug/Kg
100-01-6	4-Nitroaniline	2000		42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		45	58.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		33	58.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		40	58.2	230	ug/Kg
118-74-1	Hexachlorobenzene	1200		44	58.2	230	ug/Kg
1912-24-9	Atrazine	1200		97	110	450	ug/Kg
87-86-5	Pentachlorophenol	1600		100	110	450	ug/Kg
85-01-8	Phenanthrene	2600		40	58.2	230	ug/Kg
608-93-5	Pentachlorobenzene	1300		71	58.2	230	ug/Kg
120-12-7	Anthracene	1700		34	58.2	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		68	58.2	230	ug/Kg
86-74-8	Carbazole	1500		38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84	58.2	230	ug/Kg
206-44-0	Fluoranthene	2900		74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4MS	SDG No.:	BP070324
Lab Sample ID:	P2964-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020782.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		67	58.2	230	ug/Kg
85-68-7	Butylbenzylphthalate	1600		120	58.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560		66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	2300		37	58.2	230	ug/Kg
218-01-9	Chrysene	2200		42	58.2	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		130	58.2	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		45	58.2	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		52	58.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	1200		44	58.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		42	58.2	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		38	58.2	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	36	58.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		45	58.2	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.535		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	5.158	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	21.453		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.395		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.081		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.514		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.933		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.968		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.041		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.335		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.874		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.1		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.227		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	24.931		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4MS	SDG No.:	BP070324
Lab Sample ID:	P2964-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020782.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161628

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.03		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	23.837		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	20.676		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.821		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180393	7.734				
1146-65-2	Naphthalene-d8	745653	10.504				
15067-26-2	Acenaphthene-d10	481208	14.363				
1517-22-2	Phenanthrene-d10	996135	17.181				
1719-03-5	Chrysene-d12	863154	21.627				
1520-96-3	Perylene-d12	1028446	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0T78DL2								
P2962-06DL2	C0T78DL2	Solid	1H-Indene, 1-methyl-	*	24,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	2-Methylindene	*	36,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	4H-Cyclopenta[def]phenanthrene	*	58,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	9,10-Dimethylanthracene	*	22,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Anthracene, 1-methyl-	*	35,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Benzene, 1,2,3-trimethyl-	*	55,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Benzene, 1-ethyl-2-methyl-	*	35,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Indene	*	110,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Naphthalene, 1,6-dimethyl-	*	41,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Naphthalene, 1,7-dimethyl-	*	48,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Naphthalene, 1-ethyl-	*	35,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Phenanthrene, 2-methyl-	*	47,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	unknown-01	*	120,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	unknown-02	*	22,000.000	JD		
P2962-06DL2	C0T78DL2	Solid	Total Alkanes	*	0.000	D 7500	53000	ug/Kg
Total Tics :					688,000.00			
P2962-06DL2	C0T78DL2	Solid	1,1-Biphenyl		22,000.000	JD 7500	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	1-Methylnaphthalene		130,000.000	D 13000	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	2-Methylnaphthalene		230,000.000	D 6800	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Acenaphthene		20,000.000	JD 8800	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Acenaphthylene		88,000.000	D 8400	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Anthracene		46,000.000	JD 7300	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Benzo(a)anthracene		31,000.000	JD 5900	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Benzo(a)pyrene		25,000.000	JD 12000	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Benzo(b)fluoranthene		21,000.000	JD 12000	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Chrysene		28,000.000	JD 8300	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Fluoranthene		57,000.000	D 15000	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Fluorene		60,000.000	D 7600	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Naphthalene		540,000.000	D 7500	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Phenanthrene		180,000.000	D 9000	53000	ug/Kg
P2962-06DL2	C0T78DL2	Solid	Pyrene		83,000.000	D 12000	53000	ug/Kg
Total Svoc :					1,561,000.00			
Total Concentration:					2,249,000.00			
Client ID : A4B48DL								
P2963-03DL	A4B48DL	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	500.000	JD		
P2963-03DL	A4B48DL	Solid	4H-Cyclopenta[def]phenanthrene	*	960.000	JD		
P2963-03DL	A4B48DL	Solid	n-Hexadecanoic acid	*	880.000	JD		

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SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-03DL	A4B48DL	Solid	Phenanthrene, 1-methyl-	*	500.000	JD		
P2963-03DL	A4B48DL	Solid	Total Alkanes	*	0.000	D 150	1100	ug/Kg
Total Tics :				2,840.00				
P2963-03DL	A4B48DL	Solid	Acenaphthene	450.000	JD	180	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Anthracene	910.000	JD	160	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Benzo(a)anthracene	1,800.000	D	170	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Benzo(a)pyrene	760.000	JD	200	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Benzo(b)fluoranthene	1,900.000	D	210	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Benzo(k)fluoranthene	840.000	JD	240	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Carbazole	620.000	JD	170	2100	ug/Kg
P2963-03DL	A4B48DL	Solid	Chrysene	1,700.000	D	190	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Dibenzo(a,h)anthracene	240.000	JD	170	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Dibenzofuran	340.000	JD	200	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Fluoranthene	4,600.000	D	340	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Fluorene	610.000	JD	160	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Indeno(1,2,3-cd)pyrene	510.000	JD	190	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Phenanthrene	4,700.000	D	180	1100	ug/Kg
P2963-03DL	A4B48DL	Solid	Pyrene	2,800.000	D	310	1100	ug/Kg
Total Svoc :				22,780.00				
Total Concentration:				25,620.00				

Client ID : A4CR7

P2963-13	A4CR7	Solid	1-Phenoxypropan-2-ol	*	150.000	J	
P2963-13	A4CR7	Solid	11H-Benzo[b]fluorene	*	190.000	J	
P2963-13	A4CR7	Solid	4-Methylnaphtho[1,2-b]thiophene	*	120.000	J	
P2963-13	A4CR7	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J	
P2963-13	A4CR7	Solid	9,10-Anthracenedione	*	270.000	J	
P2963-13	A4CR7	Solid	9H-Fluoren-9-one	*	160.000	J	
P2963-13	A4CR7	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	220.000	J	
P2963-13	A4CR7	Solid	Anthracene, 2-methyl-	*	510.000	J	
P2963-13	A4CR7	Solid	Cyclopenta(def)phenanthrenone	*	480.000	J	
P2963-13	A4CR7	Solid	Dibenzothiophene, 4-methyl-	*	170.000	J	
P2963-13	A4CR7	Solid	Fluoranthene, 2-methyl-	*	130.000	J	
P2963-13	A4CR7	Solid	n-Hexadecanoic acid	*	510.000	J	
P2963-13	A4CR7	Solid	Naphthalene, 1,2-dimethyl-	*	130.000	J	
P2963-13	A4CR7	Solid	Naphthalene, 2-phenyl-	*	330.000	J	
P2963-13	A4CR7	Solid	Naphtho[1,2-b]thiophene	*	240.000	J	
P2963-13	A4CR7	Solid	Octadecanoic acid	*	140.000	J	
P2963-13	A4CR7	Solid	Pentadecafluorooctanoic acid, oct-	*	390.000	J	
P2963-13	A4CR7	Solid	Phenanthrene, 1-methyl-	*	590.000	J	
P2963-13	A4CR7	Solid	Phenanthrene, 2,5-dimethyl-	*	430.000	J	

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SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-13	A4CR7	Solid	Phenanthrene, 2-methyl-	*	790.000	J		
P2963-13	A4CR7	Solid	Phenanthrene, 3,6-dimethyl-	*	290.000	J		
P2963-13	A4CR7	Solid	Phenanthrene, 4,5-dimethyl-	*	170.000	J		
P2963-13	A4CR7	Solid	Phenanthrene, 4-methyl-	*	230.000	J		
P2963-13	A4CR7	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2963-13	A4CR7	Solid	Silane, tetramethyl-	*	200.000	J		
P2963-13	A4CR7	Solid	Total Alkanes	*	0.000	42	290	ug/Kg
Total Tics :					8,060.00			
P2963-13	A4CR7	Solid	1-Methylnaphthalene		120.000	J 57	290	ug/Kg
P2963-13	A4CR7	Solid	2-Methylnaphthalene		130.000	J 40	290	ug/Kg
P2963-13	A4CR7	Solid	Acenaphthene		260.000	J 50	290	ug/Kg
P2963-13	A4CR7	Solid	Acenaphthylene		99.000	J 55	290	ug/Kg
P2963-13	A4CR7	Solid	Acetophenone		130.000	J 69	570	ug/Kg
P2963-13	A4CR7	Solid	Anthracene		580.000	43	290	ug/Kg
P2963-13	A4CR7	Solid	Benzo(a)anthracene		1,200.000	47	290	ug/Kg
P2963-13	A4CR7	Solid	Benzo(a)pyrene		560.000	55	290	ug/Kg
P2963-13	A4CR7	Solid	Benzo(b)fluoranthene		1,200.000	57	290	ug/Kg
P2963-13	A4CR7	Solid	Benzo(g,h,i)perylene		66.000	J 45	290	ug/Kg
P2963-13	A4CR7	Solid	Benzo(k)fluoranthene		390.000	66	290	ug/Kg
P2963-13	A4CR7	Solid	Carbazole		170.000	J 48	570	ug/Kg
P2963-13	A4CR7	Solid	Chrysene		1,300.000	54	290	ug/Kg
P2963-13	A4CR7	Solid	Dibenzo(a,h)anthracene		180.000	J 48	290	ug/Kg
P2963-13	A4CR7	Solid	Dibenzofuran		170.000	J 55	290	ug/Kg
P2963-13	A4CR7	Solid	Fluoranthene		2,400.000	93	290	ug/Kg
P2963-13	A4CR7	Solid	Fluorene		310.000	43	290	ug/Kg
P2963-13	A4CR7	Solid	Indeno(1,2,3-cd)pyrene		360.000	54	290	ug/Kg
P2963-13	A4CR7	Solid	Naphthalene		130.000	J 43	290	ug/Kg
P2963-13	A4CR7	Solid	Phenanthrene		3,000.000	50	290	ug/Kg
P2963-13	A4CR7	Solid	Pyrene		2,000.000	85	290	ug/Kg
Total Svoc :					14,755.00			
Total Concentration:					22,815.00			

Client ID : A4B49

P2964-02	A4B49	Solid	(DEL) Alkane: Straight-Chain21.2 *	1,400.000	J		
P2964-02	A4B49	Solid	(DEL) Alkane: Straight-Chain22.5 *	2,400.000	J		
P2964-02	A4B49	Solid	(DEL) Alkane: Straight-Chain24.1 *	2,200.000	J		
P2964-02	A4B49	Solid	(DEL) Alkane: Straight-Chain26.2 *	1,500.000	J		
P2964-02	A4B49	Solid	1-Propanol, 3-phenoxy-	*	220.000	J	
P2964-02	A4B49	Solid	3-Penten-2-ol	*	340.000	J	
P2964-02	A4B49	Solid	Benzo[b]naphtho[2,1-d]thiophene *	210.000	J		
P2964-02	A4B49	Solid	Fumaric acid, 2-chloroethyl octad *	1,100.000	J		

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SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-02	A4B49	Solid	Heptadecanal	*	2,800.000	J		
P2964-02	A4B49	Solid	n-Hexadecanoic acid	*	850.000	J		
P2964-02	A4B49	Solid	Octacosanol	*	1,700.000	J		
P2964-02	A4B49	Solid	Octadecanoic acid	*	500.000	J		
P2964-02	A4B49	Solid	unknown-01	*	370.000	J		
P2964-02	A4B49	Solid	unknown-02	*	380.000	J		
P2964-02	A4B49	Solid	Total Alkanes	*	7,500.000		60	420 ug/Kg
Total Tics :					23,470.00			
P2964-02	A4B49	Solid	Benzo(a)anthracene		350.000	J	67	420 ug/Kg
P2964-02	A4B49	Solid	Benzo(a)pyrene		210.000	J	80	420 ug/Kg
P2964-02	A4B49	Solid	Benzo(b)fluoranthene		590.000		82	420 ug/Kg
P2964-02	A4B49	Solid	Benzo(k)fluoranthene		200.000	J	95	420 ug/Kg
P2964-02	A4B49	Solid	Chrysene		460.000		77	420 ug/Kg
P2964-02	A4B49	Solid	Fluoranthene		810.000		130	420 ug/Kg
P2964-02	A4B49	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	77	420 ug/Kg
P2964-02	A4B49	Solid	Phenanthrene		450.000		72	420 ug/Kg
P2964-02	A4B49	Solid	Pyrene		560.000		120	420 ug/Kg
Total Svoc :					3,790.00			
Total Concentration:					27,260.00			

Client ID : A4B51

P2964-04	A4B51	Solid	(DEL) Alkane: Straight-Chain21.2	*	250.000	J		
P2964-04	A4B51	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2964-04	A4B51	Solid	2H-Pyran, tetrahydro-2-methyl-	*	140.000	J		
P2964-04	A4B51	Solid	3-Penten-2-ol	*	130.000	J		
P2964-04	A4B51	Solid	n-Hexadecanoic acid	*	260.000	J		
P2964-04	A4B51	Solid	Octadecanoic acid	*	120.000	J		
P2964-04	A4B51	Solid	Propylene Glycol	*	110.000	J		
P2964-04	A4B51	Solid	unknown-01	*	190.000	J		
P2964-04	A4B51	Solid	Total Alkanes	*	250.000		33	240 ug/Kg
Total Tics :					1,570.00			
P2964-04	A4B51	Solid	Benzo(a)anthracene		170.000	J	37	240 ug/Kg
P2964-04	A4B51	Solid	Benzo(a)pyrene		88.000	J	44	240 ug/Kg
P2964-04	A4B51	Solid	Benzo(b)fluoranthene		230.000	J	46	240 ug/Kg
P2964-04	A4B51	Solid	Benzo(k)fluoranthene		84.000	J	53	240 ug/Kg
P2964-04	A4B51	Solid	Chrysene		190.000	J	43	240 ug/Kg
P2964-04	A4B51	Solid	Fluoranthene		370.000		75	240 ug/Kg
P2964-04	A4B51	Solid	Indeno(1,2,3-cd)pyrene		70.000	J	43	240 ug/Kg
P2964-04	A4B51	Solid	Phenanthrene		200.000	J	40	240 ug/Kg
P2964-04	A4B51	Solid	Pyrene		240.000		68	240 ug/Kg
Total Svoc :					1,642.00			

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SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,212.00				
Client ID : A4B52								
P2964-05	A4B52	Solid	(DEL) Alkane: Straight-Chain21.2 *	370.000	J			
P2964-05	A4B52	Solid	1-Phenoxypropan-2-ol *	170.000	J			
P2964-05	A4B52	Solid	4H-Cyclopenta[def]phenanthrene *	220.000	J			
P2964-05	A4B52	Solid	n-Hexadecanoic acid *	560.000	J			
P2964-05	A4B52	Solid	Octadecanoic acid *	170.000	J			
P2964-05	A4B52	Solid	Propylene Glycol *	170.000	J			
P2964-05	A4B52	Solid	unknown-01 *	230.000	J			
P2964-05	A4B52	Solid	Total Alkanes *	370.000		43	310	ug/Kg
Total Tics :				2,260.00				
P2964-05	A4B52	Solid	Acenaphthene	80.000	J	53	310	ug/Kg
P2964-05	A4B52	Solid	Anthracene	160.000	J	45	310	ug/Kg
P2964-05	A4B52	Solid	Benzo(a)anthracene	590.000		49	310	ug/Kg
P2964-05	A4B52	Solid	Benzo(a)pyrene	310.000		58	310	ug/Kg
P2964-05	A4B52	Solid	Benzo(b)fluoranthene	810.000		60	310	ug/Kg
P2964-05	A4B52	Solid	Benzo(k)fluoranthene	250.000	J	69	310	ug/Kg
P2964-05	A4B52	Solid	Bis(2-ethylhexyl)phthalate	290.000	J	170	310	ug/Kg
P2964-05	A4B52	Solid	Carbazole	97.000	J	51	600	ug/Kg
P2964-05	A4B52	Solid	Chrysene	640.000		56	310	ug/Kg
P2964-05	A4B52	Solid	Dibenzo(a,h)anthracene	100.000	J	51	310	ug/Kg
P2964-05	A4B52	Solid	Fluoranthene	1,300.000		98	310	ug/Kg
P2964-05	A4B52	Solid	Fluorene	78.000	J	45	310	ug/Kg
P2964-05	A4B52	Solid	Indeno(1,2,3-cd)pyrene	230.000	J	56	310	ug/Kg
P2964-05	A4B52	Solid	Phenanthrene	880.000		53	310	ug/Kg
P2964-05	A4B52	Solid	Pyrene	820.000		89	310	ug/Kg
Total Svoc :				6,635.00				
Total Concentration:				8,895.00				
Client ID : A4CS2								
P2964-07	A4CS2	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	1,100.000	J			
P2964-07	A4CS2	Solid	1-Isopropenylnaphthalene *	1,300.000	J			
P2964-07	A4CS2	Solid	1H-Cyclopropa[1]phenanthrene,1a *	4,600.000	J			
P2964-07	A4CS2	Solid	4-Methylnaphtho[1,2-b]thiophene *	1,900.000	J			
P2964-07	A4CS2	Solid	4H-Cyclopenta[def]phenanthrene *	8,800.000	J			
P2964-07	A4CS2	Solid	9,10-Anthracenedione *	2,900.000	J			
P2964-07	A4CS2	Solid	9H-Fluoren-9-one *	1,300.000	J			
P2964-07	A4CS2	Solid	9H-Fluorene, 1-methyl- *	1,400.000	J			
P2964-07	A4CS2	Solid	9H-Fluorene, 2-methyl- *	1,400.000	J			
P2964-07	A4CS2	Solid	9H-Fluorene, 3-methyl- *	1,300.000	J			

Hit Summary Sheet SW-846

SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-07	A4CS2	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	2,700.000	J		
P2964-07	A4CS2	Solid	Anthracene, 2-methyl-	*	2,500.000	J		
P2964-07	A4CS2	Solid	Benzene, 1-ethyl-2-(phenylmethyl)	*	1,100.000	J		
P2964-07	A4CS2	Solid	Benzo[e]pyrene	*	1,300.000	J		
P2964-07	A4CS2	Solid	Cyclopenta(def)phenanthrene	*	2,600.000	J		
P2964-07	A4CS2	Solid	Dibenzothiophene	*	3,600.000	J		
P2964-07	A4CS2	Solid	Dibenzothiophene, 4-methyl-	*	2,100.000	J		
P2964-07	A4CS2	Solid	Naphthalene, 1,7-dimethyl-	*	1,200.000	J		
P2964-07	A4CS2	Solid	Naphthalene, 1-phenyl-	*	1,000.000	J		
P2964-07	A4CS2	Solid	Naphthalene, 2-phenyl-	*	3,600.000	J		
P2964-07	A4CS2	Solid	Nordiphenamid	*	1,200.000	J		
P2964-07	A4CS2	Solid	Perylene	*	1,600.000	J		
P2964-07	A4CS2	Solid	Phenanthrene, 1-methyl-	*	7,000.000	J		
P2964-07	A4CS2	Solid	Phenanthrene, 2,5-dimethyl-	*	2,900.000	J		
P2964-07	A4CS2	Solid	Phenanthrene, 2-methyl-	*	6,300.000	J		
P2964-07	A4CS2	Solid	Phenanthrene, 3,6-dimethyl-	*	890.000	J		
P2964-07	A4CS2	Solid	Phenanthrene, 4,5-dimethyl-	*	1,500.000	J		
P2964-07	A4CS2	Solid	unknown-01	*	1,000.000	J		
P2964-07	A4CS2	Solid	unknown-02	*	1,700.000	J		
P2964-07	A4CS2	Solid	unknown-03	*	1,500.000	J		
P2964-07	A4CS2	Solid	Total Alkanes	*	0.000	42	300	ug/Kg
Total Tics :				73,290.00				
P2964-07	A4CS2	Solid	1,1-Biphenyl		230.000	J	42	300 ug/Kg
P2964-07	A4CS2	Solid	1-Methylnaphthalene		1,000.000		57	300 ug/Kg
P2964-07	A4CS2	Solid	2-Methylnaphthalene		1,500.000		40	300 ug/Kg
P2964-07	A4CS2	Solid	Acenaphthene		4,300.000		50	300 ug/Kg
P2964-07	A4CS2	Solid	Acenaphthylene		83.000	J	56	300 ug/Kg
P2964-07	A4CS2	Solid	Anthracene		4,300.000		43	300 ug/Kg
P2964-07	A4CS2	Solid	Benzo(a)anthracene		8,400.000	E	47	300 ug/Kg
P2964-07	A4CS2	Solid	Benzo(a)pyrene		4,100.000		56	300 ug/Kg
P2964-07	A4CS2	Solid	Benzo(b)fluoranthene		7,700.000	E	57	300 ug/Kg
P2964-07	A4CS2	Solid	Benzo(g,h,i)perylene		400.000		45	300 ug/Kg
P2964-07	A4CS2	Solid	Benzo(k)fluoranthene		3,000.000		66	300 ug/Kg
P2964-07	A4CS2	Solid	Carbazole		1,500.000		49	570 ug/Kg
P2964-07	A4CS2	Solid	Chrysene		9,400.000	E	54	300 ug/Kg
P2964-07	A4CS2	Solid	Dibenzo(a,h)anthracene		1,100.000		49	300 ug/Kg
P2964-07	A4CS2	Solid	Dibenzofuran		1,200.000		56	300 ug/Kg
P2964-07	A4CS2	Solid	Fluoranthene		14,000.000	E	94	300 ug/Kg
P2964-07	A4CS2	Solid	Fluorene		3,600.000		43	300 ug/Kg
P2964-07	A4CS2	Solid	Indeno(1,2,3-cd)pyrene		2,400.000		54	300 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-07	A4CS2	Solid	Naphthalene	1,600.000		43	300	ug/Kg
P2964-07	A4CS2	Solid	Phenanthrene	20,000.000	E	50	300	ug/Kg
P2964-07	A4CS2	Solid	Pyrene	14,000.000	E	85	300	ug/Kg
Total Svoc :				103,813.00				
Total Concentration:				177,103.00				
Client ID : A4CS4								
P2964-08	A4CS4	Solid	(DEL) Alkane: Straight-Chain24.1 *	560.000	J			
P2964-08	A4CS4	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P2964-08	A4CS4	Solid	3-Penten-2-ol *	120.000	J			
P2964-08	A4CS4	Solid	4H-Cyclopenta[def]phenanthrene *	320.000	J			
P2964-08	A4CS4	Solid	n-Hexadecanoic acid *	540.000	J			
P2964-08	A4CS4	Solid	Octadecanoic acid *	230.000	J			
P2964-08	A4CS4	Solid	Pentadecafluorooctanoic acid, octa *	330.000	J			
P2964-08	A4CS4	Solid	Phenanthrene, 2,5-dimethyl- *	130.000	J			
P2964-08	A4CS4	Solid	Phenanthrene, 4-methyl- *	120.000	J			
P2964-08	A4CS4	Solid	Thiazole *	97.000	J			
P2964-08	A4CS4	Solid	unknown-01 *	190.000	J			
P2964-08	A4CS4	Solid	Total Alkanes *	560.000		33	230	ug/Kg
Total Tics :				3,347.00				
P2964-08	A4CS4	Solid	Acenaphthylene	170.000	J	44	230	ug/Kg
P2964-08	A4CS4	Solid	Anthracene	270.000		34	230	ug/Kg
P2964-08	A4CS4	Solid	Benzo(a)anthracene	750.000		37	230	ug/Kg
P2964-08	A4CS4	Solid	Benzo(a)pyrene	440.000		44	230	ug/Kg
P2964-08	A4CS4	Solid	Benzo(b)fluoranthene	900.000		45	230	ug/Kg
P2964-08	A4CS4	Solid	Benzo(g,h,i)perylene	66.000	J	36	230	ug/Kg
P2964-08	A4CS4	Solid	Benzo(k)fluoranthene	320.000		52	230	ug/Kg
P2964-08	A4CS4	Solid	Carbazole	49.000	J	38	450	ug/Kg
P2964-08	A4CS4	Solid	Chrysene	790.000		43	230	ug/Kg
P2964-08	A4CS4	Solid	Dibenzo(a,h)anthracene	130.000	J	38	230	ug/Kg
P2964-08	A4CS4	Solid	Dibenzofuran	72.000	J	44	230	ug/Kg
P2964-08	A4CS4	Solid	Fluoranthene	1,500.000		74	230	ug/Kg
P2964-08	A4CS4	Solid	Fluorene	110.000	J	34	230	ug/Kg
P2964-08	A4CS4	Solid	Indeno(1,2,3-cd)pyrene	330.000		43	230	ug/Kg
P2964-08	A4CS4	Solid	Naphthalene	66.000	J	34	230	ug/Kg
P2964-08	A4CS4	Solid	Phenanthrene	1,200.000		40	230	ug/Kg
P2964-08	A4CS4	Solid	Pyrene	1,200.000		67	230	ug/Kg
Total Svoc :				8,363.00				
Total Concentration:				11,710.00				



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

Hit Summary Sheet
SW-846

SDG No.: BP070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.558	0.521	0.529	0.517	0.481		0.521	5.3
Benzaldehyde		0.921	0.982	1.000	0.721	0.523	0.830	24.6
Pyridine		1.435	1.409	1.448	1.363	1.375	1.406	2.6
Hexachloroethane	0.577	0.587	0.584	0.605	0.572		0.585	2.2
Nitrobenzene	0.360	0.375	0.384	0.408	0.387		0.383	4.6
Isophorone	0.760	0.770	0.754	0.766	0.742		0.758	1.5
2-Nitrophenol	0.134	0.144	0.159	0.180	0.180		0.160	13.0
2,4-Dimethylphenol	0.360	0.370	0.370	0.387	0.370		0.372	2.7
Bis(2-Chloroethoxy)methane	0.461	0.450	0.447	0.463	0.435		0.451	2.5
2,4-Dichlorophenol	0.289	0.292	0.302	0.321	0.303		0.301	4.1
Naphthalene	1.116	1.080	1.063	1.088	1.006		1.070	3.8
4-Chloroaniline		0.420	0.411	0.426	0.415	0.382	0.411	4.1
Hexachlorobutadiene	0.228	0.222	0.224	0.232	0.220		0.225	2.1
Phenol		1.650	1.650	1.769	1.700	1.595	1.673	3.9
Caprolactam		0.088	0.090	0.090	0.101	0.089	0.092	6.0
4-Chloro-3-methylphenol	0.311	0.331	0.330	0.341	0.350		0.333	4.3
1-Methylnaphthalene	0.741	0.743	0.742	0.744	0.694		0.733	2.9
2-Methylnaphthalene	0.720	0.734	0.711	0.728	0.693		0.717	2.2
Hexachlorocyclopentadiene		0.326	0.362	0.426	0.412	0.464	0.398	13.6
2,4,6-Trichlorophenol	0.352	0.372	0.383	0.408	0.391		0.381	5.5
2,4,5-Trichlorophenol	0.352	0.386	0.395	0.425	0.419		0.396	7.3
1,1-Biphenyl	1.529	1.543	1.498	1.549	1.360		1.496	5.3
2-Chloronaphthalene	1.187	1.203	1.181	1.220	1.100		1.178	3.9
2-Nitroaniline	0.241	0.270	0.301	0.329	0.342		0.297	14.0
Bis(2-Chloroethyl)ether		1.417	1.389	1.443	1.364	1.312	1.385	3.6
Dimethylphthalate	1.435	1.452	1.415	1.390	1.390		1.417	1.9
2,6-Dinitrotoluene	0.200	0.238	0.257	0.273	0.295		0.253	14.2
Acenaphthylene	1.893	1.947	1.901	1.896	1.734		1.874	4.3
3-Nitroaniline		0.219	0.237	0.248	0.245	0.225	0.235	5.4
Acenaphthene	1.285	1.293	1.239	1.248	1.151		1.243	4.5
2,4-Dinitrophenol		0.100	0.110	0.121	0.157	0.167	0.131	22.6
4-Nitrophenol		0.171	0.181	0.185	0.209	0.204	0.190	8.4
Dibenzofuran	1.737	1.744	1.670	1.664	1.561		1.675	4.4
2,4-Dinitrotoluene	0.278	0.338	0.359	0.364	0.404		0.349	13.2
Diethylphthalate	1.387	1.438	1.413	1.351	1.397		1.397	2.3
2-Chlorophenol	1.313	1.350	1.333	1.407	1.335		1.348	2.7

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D	
		RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.420	1.433	1.341	1.313	1.224		1.346	6.3
4-Chlorophenyl-phenylether	0.731	0.740	0.701	0.688	0.652		0.702	5.0
4-Nitroaniline		0.214	0.228	0.237	0.229	0.206	0.223	5.6
4,6-Dinitro-2-methylphenol		0.086	0.096	0.111	0.119	0.128	0.108	15.7
N-Nitrosodiphenylamine	0.602	0.587	0.597	0.621	0.543		0.590	4.9
1,2,4,5-Tetrachlorobenzene	0.636	0.637	0.637	0.679	0.608		0.639	4.0
4-Bromophenyl-phenylether	0.220	0.219	0.220	0.235	0.221		0.223	2.9
Hexachlorobenzene	0.248	0.247	0.248	0.260	0.245		0.250	2.3
Atrazine		0.203	0.202	0.214	0.210	0.211	0.208	2.6
Pentachlorophenol		0.123	0.133	0.148	0.152	0.162	0.144	10.7
2-Methylphenol		1.283	1.271	1.355	1.300	1.209	1.283	4.1
Phenanthrene	1.094	1.087	1.053	1.053	0.951		1.047	5.5
Pentachlorobenzene	0.310	0.299	0.309	0.339	0.291		0.309	5.8
Anthracene	1.127	1.113	1.066	1.096	0.985		1.077	5.3
1,2,3,4-Tetrachlorobenzene	0.319	0.309	0.328	0.369	0.299		0.325	8.2
Carbazole		0.932	0.906	0.898	0.842	0.868	0.889	3.9
Di-n-butylphthalate	1.153	1.166	1.151	1.170	1.133		1.155	1.2
Fluoranthene	1.420	1.422	1.376	1.443	1.676		1.468	8.1
Pyrene	1.484	1.466	1.434	1.491	1.651		1.505	5.6
Butylbenzylphthalate	0.487	0.519	0.539	0.596	0.654		0.559	11.8
3,3-Dichlorobenzidine		0.440	0.444	0.474	0.420	0.432	0.442	4.5
2,2-oxybis(1-Chloropropane)		2.198	2.142	2.218	2.051	1.914	2.105	5.9
Benzo(a)anthracene	1.485	1.428	1.361	1.384	1.352		1.402	3.9
Chrysene	1.436	1.337	1.295	1.312	1.245		1.325	5.3
Bis(2-ethylhexyl)phthalate	0.854	0.826	0.857	0.892	0.910		0.868	3.8
Di-n-octyl phthalate		1.234	1.270	1.301	1.409	1.206	1.284	6.1
Benzo(b)fluoranthene	1.248	1.242	1.194	1.197	1.178		1.212	2.6
Benzo(k)fluoranthene	1.317	1.227	1.171	1.214	1.200		1.226	4.5
Benzo(a)pyrene	1.173	1.140	1.126	1.162	1.118		1.144	2.1
Indeno(1,2,3-cd)pyrene	1.496	1.456	1.406	1.521	1.456		1.467	3.0
Dibenzo(a,h)anthracene	1.210	1.194	1.174	1.264	1.186		1.206	2.9
Benzo(g,h,i)perylene	1.229	1.187	1.147	1.233	1.193		1.198	2.9
Acetophenone		2.238	2.174	2.246	2.091	1.889	2.128	6.9
2,3,4,6-Tetrachlorophenol	0.298	0.330	0.324	0.333	0.349		0.327	5.7
1,4-Dioxane-d8	0.487	0.471	0.467	0.466	0.438		0.466	3.8
Pyridine-d5		1.378	1.337	1.413	1.324	1.334	1.357	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.: BP062524 SAS No.: BP062524 SDG No.: BP062524
Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRF _{FAL1} = BP020637.D			RRF _{FAL2} = BP020638.D		RRF _{FAL3} = BP020639.D	
		RRF _{FAL4} = BP020640.D			RRF _{FAL5} = BP020641.D		RRF _{FAL6} = BP020642.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.593	1.615	1.725	1.674	1.595	1.640	3.5
Bis-(2-Chloroethyl)ether-d8		1.057	1.057	1.088	1.024	0.974	1.040	4.2
2-Chlorophenol-d4	1.283	1.323	1.337	1.409	1.352		1.341	3.4
4-Methylphenol-d8		1.325	1.324	1.406	1.365	1.241	1.332	4.6
Nitrobenzene-d5	0.128	0.140	0.151	0.162	0.158		0.148	9.3
2-Nitrophenol-d4	0.123	0.132	0.148	0.166	0.170		0.148	13.8
2,4-Dichlorophenol-d3	0.286	0.287	0.307	0.326	0.315		0.304	5.7
4-Chloroaniline-d4		0.425	0.429	0.442	0.434	0.404	0.427	3.4
4-Methylphenol		1.359	1.357	1.428	1.383	1.266	1.359	4.4
Dimethylphthalate-d6	1.351	1.423	1.416	1.394	1.368		1.391	2.2
Acenaphthylene-d8	1.636	1.691	1.668	1.711	1.591		1.659	2.9
4-Nitrophenol-d4		0.180	0.206	0.208	0.235	0.233	0.212	10.7
Fluorene-d10	1.168	1.216	1.186	1.162	1.118		1.170	3.0
4,6-Dinitro-2-methylphenol-		0.079	0.089	0.102	0.112	0.122	0.101	17.2
Anthracene-d10	0.902	0.912	0.908	0.917	0.848		0.898	3.1
Pyrene-d10	1.111	1.173	1.146	1.205	1.373		1.202	8.5
Benzo(a)pyrene-d12	0.963	0.964	0.968	1.005	0.965		0.973	1.8
N-Nitroso-di-n-propylamine	1.127	1.162	1.123	1.161	1.082		1.131	2.9

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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020639 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 13:51

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	164085	7.752	684225	10.52	426295	14.37
UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
EPA SAMPLE NO.						
01 SBLK628	139375	7.72	564590	10.49	377506	14.35
02 A4CX6MS	209623	7.74	843820	10.50	521094	14.36
03 A4CX6MSD	198666	7.73	819121	10.50	525564	14.36
04 A4CR7	211626	7.74	871629	10.50	573327	14.35
05 SBLK628	152739	7.73	632022	10.50	421893	14.36
06 A4B48DL	156608	7.74	665308	10.51	438636	14.36
07 C0T78DL2	185419	7.73	769282	10.50	509544	14.36
08 A4CS2	201725	7.73	818838	10.51	523789	14.36
09 A4B49	160151	7.73	654796	10.51	441052	14.37
10 A4B51	166446	7.73	674420	10.50	442783	14.36
11 A4B52	171116	7.73	705029	10.50	459968	14.36
12 A4CS4	175962	7.74	709765	10.50	462640	14.36
13 A4CS4MS	180393	7.73	745653	10.50	481208	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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020670 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020768.D Time Analyzed: 13:51

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	156845	7.734	660879	10.49	432201	14.35
UPPER LIMIT	313690	8.234	1321758	10.993	864402	14.851
LOWER LIMIT	78422.5	7.234	330439.5	9.993	216100.5	13.851
EPA SAMPLE NO.						
01 SBLK628	139375	7.72	564590	10.49	377506	14.35
02 A4CX6MS	209623	7.74	843820	10.50	521094	14.36
03 A4CX6MSD	198666	7.73	819121	10.50	525564	14.36
04 A4CR7	211626	7.74	871629	10.50	573327	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 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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020671 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020773.D Time Analyzed: 18:04

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	176040	7.734	725117	10.50	472113	14.36
UPPER LIMIT	352080	8.234	1450234	10.998	944226	14.857
LOWER LIMIT	88020	7.234	362558.5	9.998	236056.5	13.857
EPA SAMPLE NO.						
01 SBLK628	152739	7.73	632022	10.50	421893	14.36
02 A4B48DL	156608	7.74	665308	10.51	438636	14.36
03 C0T78DL2	185419	7.73	769282	10.50	509544	14.36
04 A4CS2	201725	7.73	818838	10.51	523789	14.36
05 A4B49	160151	7.73	654796	10.51	441052	14.37
06 A4B51	166446	7.73	674420	10.50	442783	14.36
07 A4B52	171116	7.73	705029	10.50	459968	14.36
08 A4CS4	175962	7.74	709765	10.50	462640	14.36
09 A4CS4MS	180393	7.73	745653	10.50	481208	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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020639 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 13:51

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	811162	17.186	668166	21.639	756069	24.998
UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
EPA SAMPLE NO.						
01 SBLK628	844229	17.16	827895	21.62	949252	24.98
02 A4CX6MS	1.0629e	17.17	937399	21.62	1.12878e+	24.97
03 A4CX6MSD	1.06631	17.18	942343	21.63	1.15611e+	24.97
04 A4CR7	1.15147	17.17	1.04023e+	21.62	1.25749e+	24.96
05 SBLK628	877600	17.17	790127	21.62	915049	24.97
06 A4B48DL	932371	17.17	848342	21.62	987289	24.96
07 C0T78DL2	1.0682e	17.17	986817	21.62	1.12438e+	24.97
08 A4CS2	1.02114	17.18	883410	21.63	1.12884e+	24.97
09 A4B49	920774	17.18	851371	21.63	990586	24.99
10 A4B51	925552	17.17	843405	21.61	993822	24.96
11 A4B52	980658	17.18	887544	21.62	1.02782e+	24.97
12 A4CS4	969557	17.18	844149	21.63	1.01756e+	24.98
13 A4CS4MS	996135	17.18	863154	21.63	1.02845e+	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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020670 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020768.D Time Analyzed: 13:51

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	937274	17.163	906397	21.622	1.0211e+00	24.974
UPPER LIMIT	1874548	17.663	1812794	22.122	2042200	25.474
LOWER LIMIT	468637	16.663	453198.5	21.122	510550	24.474
EPA SAMPLE NO.						
01 SBLK628	844229	17.16	827895	21.62	949252	24.98
02 A4CX6MS	1.0629e	17.17	937399	21.62	1.12878e+	24.97
03 A4CX6MSD	1.06631	17.18	942343	21.63	1.15611e+	24.97
04 A4CR7	1.15147	17.17	1.04023e+	21.62	1.25749e+	24.96

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.: BP070324 SAS No.: BP070324 SDG NO.: BP070324

EPA Sample No.: SSTD020671 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BP020773.D Time Analyzed: 18:04

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	1.01181e+01	17.169	965390	21.615	1.16989e+01	24.968
UPPER LIMIT	2023620	17.669	1930780	22.115	2339780	25.468
LOWER LIMIT	505905	16.669	482695	21.115	584945	24.468
EPA SAMPLE NO.						
01 SBLK628	877600	17.17	790127	21.62	915049	24.97
02 A4B48DL	932371	17.17	848342	21.62	987289	24.96
03 C0T78DL2	1.0682e	17.17	986817	21.62	1.12438e+	24.97
04 A4CS2	1.02114	17.18	883410	21.63	1.12884e+	24.97
05 A4B49	920774	17.18	851371	21.63	990586	24.99
06 A4B51	925552	17.17	843405	21.61	993822	24.96
07 A4B52	980658	17.18	887544	21.62	1.02782e+	24.97
08 A4CS4	969557	17.18	844149	21.63	1.01756e+	24.98
09 A4CS4MS	996135	17.18	863154	21.63	1.02845e+	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK628

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070324

SAS No.: BP070324 SDG NO.: BP070324

Lab File ID: BP020774.D

Lab Sample ID: PB161628BL

Instrument ID: BNA_P

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 18:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CS2	P2964-07	BP020777.D	07/03/2024
A4B49	P2964-02	BP020778.D	07/03/2024
A4B51	P2964-04	BP020779.D	07/03/2024
A4B52	P2964-05	BP020780.D	07/03/2024
A4CS4	P2964-08	BP020781.D	07/03/2024
A4CS4MS	P2964-09MS	BP020782.D	07/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CR7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070324

SAS No.: BP070324 SDG NO.: BP070324

Lab File ID: BP020772.D

Lab Sample ID: P2963-13

Instrument ID: BNA_P

Date Extracted: 06/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 15:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CR7	P2963-13	BP020772.D	07/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CX6MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070324

SAS No.: BP070324 SDG NO.: BP070324

Lab File ID: BP020770.D

Lab Sample ID: P3065-02MS

Instrument ID: BNA_P

Date Extracted: 06/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 14:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CX6MS	P3065-02MS	BP020770.D	07/03/2024
A4CX6MSD	P3065-03MSD	BP020771.D	07/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2964-09MS	Client Sample ID:	A4CS4MS					DataFile:	BP020782.D		
1,4-Dioxane	730		430	ug/Kg	59				15	120	
Benzaldehyde	1800		1000	ug/Kg	56				0	0	
Pyridine	1800		420	ug/Kg	23				0	0	
Phenol	1800		1400	ug/Kg	78				26	90	
Bis(2-chloroethyl)ether	1800		1300	ug/Kg	72				0	0	
2-Chlorophenol	1800		1400	ug/Kg	78				25	102	
2-Methylphenol	1800		1400	ug/Kg	78				0	0	
2,2-oxybis(1-Chloropropane)	1800		1200	ug/Kg	67				0	0	
Acetophenone	1800		1400	ug/Kg	78				0	0	
4-Methylphenol	1800		1500	ug/Kg	83				0	0	
N-Nitroso-di-n-propylamine	1800		1300	ug/Kg	72				41	126	
Hexachloroethane	1800		1100	ug/Kg	61				0	0	
Nitrobenzene	1800		1300	ug/Kg	72				0	0	
Isophorone	1800		1300	ug/Kg	72				0	0	
2-Nitrophenol	1800		1700	ug/Kg	94				0	0	
2,4-Dimethylphenol	1800		1100	ug/Kg	61				0	0	
Bis(2-chloroethoxy)methane	1800		1400	ug/Kg	78				0	0	
2,4-Dichlorophenol	1800		1600	ug/Kg	89				0	0	
Naphthalene	1800	66	1500	ug/Kg	80				0	0	
4-Chloroaniline	1800		890	ug/Kg	49				0	0	
Hexachlorobutadiene	1800		1500	ug/Kg	83				0	0	
Caprolactam	1800		1400	ug/Kg	78				0	0	
4-Chloro-3-methylphenol	1800		1600	ug/Kg	89				26	103	
1-Methylnaphthalene	1800		1500	ug/Kg	83				0	0	
2-Methylnaphthalene	1800		1500	ug/Kg	83				0	0	
Hexachlorocyclopentadiene	1800		640	ug/Kg	36				0	0	
2,4,6-Trichlorophenol	1800		1600	ug/Kg	89				0	0	
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94				0	0	
1,1'-Biphenyl	1800		1400	ug/Kg	78				0	0	
2-Chloronaphthalene	1800		1400	ug/Kg	78				0	0	
2-Nitroaniline	1800		1700	ug/Kg	94				0	0	
Dimethylphthalate	1800		1500	ug/Kg	83				0	0	
2,6-Dinitrotoluene	1800		1800	ug/Kg	100				0	0	
Acenaphthylene	1800	170	1600	ug/Kg	79				0	0	
3-Nitroaniline	1800		1700	ug/Kg	94				0	0	
Acenaphthene	1800		1400	ug/Kg	78				31	137	
2,4-Dinitrophenol	1800		1300	ug/Kg	72				0	0	
4-Nitrophenol	1800		1700	ug/Kg	94				11	114	
Dibenzofuran	1800	72	1600	ug/Kg	85				0	0	
2,4-Dinitrotoluene	1800		1900	ug/Kg	106	*			28	89	
Diethylphthalate	1800		1500	ug/Kg	83				0	0	
Fluorene	1800	110	1600	ug/Kg	83				0	0	
4-Chlorophenyl-phenylether	1800		1500	ug/Kg	83				0	0	
4-Nitroaniline	1800		2000	ug/Kg	111				0	0	
4,6-Dinitro-2-methylphenol	1800		1200	ug/Kg	67				0	0	
N-Nitrosodiphenylamine	1800		1500	ug/Kg	83				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

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	1800		1500	ug/Kg	83				0	0	
4-Bromophenyl-phenylether	1800		1500	ug/Kg	83				0	0	
Hexachlorobenzene	1800		1200	ug/Kg	67				0	0	
Atrazine	1800		1200	ug/Kg	67				0	0	
Pentachlorophenol	1800		1600	ug/Kg	89				17	109	
Phenanthrene	1800	1200	2600	ug/Kg	78				0	0	
Pentachlorobenzene	1800		1300	ug/Kg	72				0	0	
Anthracene	1800	270	1700	ug/Kg	79				0	0	
1,2,3,4-Tetrachlorobenzene	1800		1500	ug/Kg	83				0	0	
Carbazole	1800	49	1500	ug/Kg	81				0	0	
Di-n-butylphthalate	1800		1600	ug/Kg	89				0	0	
Fluoranthene	1800	1500	2900	ug/Kg	78				0	0	
Pyrene	1800	1200	2300	ug/Kg	61				35	142	
Butylbenzylphthalate	1800		1600	ug/Kg	89				0	0	
3,3'-Dichlorobenzidine	1800		560	ug/Kg	31				0	0	
Benzo(a)anthracene	1800	750	2300	ug/Kg	86				0	0	
Chrysene	1800	790	2200	ug/Kg	78				0	0	
Bis(2-ethylhexyl)phthalate	1800		1500	ug/Kg	83				0	0	
Di-n-octylphthalate	1800		1500	ug/Kg	83				0	0	
Benzo(b)fluoranthene	1800	900	2400	ug/Kg	83				0	0	
Benzo(k)fluoranthene	1800	320	1800	ug/Kg	82				0	0	
Benzo(a)pyrene	1800	440	1200	ug/Kg	42				0	0	
Indeno(1,2,3-cd)pyrene	1800	330	1500	ug/Kg	65				0	0	
Dibenzo(a,h)anthracene	1800	130	1600	ug/Kg	82				0	0	
Benzo(g,h,i)perylene	1800	66	210	ug/Kg	8				0	0	
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3065-02MS	Client Sample ID:	A4CX6MS					DataFile:	BP020770.D		
1,4-Dioxane	940		680	ug/Kg	72				15	120	
Benzaldehyde	2400		1500	ug/Kg	63				0	0	
Pyridine	2400		1000	ug/Kg	42				0	0	
Phenol	2400		2300	ug/Kg	96	*			26	90	
Bis(2-chloroethyl)ether	2400		2000	ug/Kg	83				0	0	
2-Chlorophenol	2400		2200	ug/Kg	92				25	102	
2-Methylphenol	2400		2200	ug/Kg	92				0	0	
2,2-oxybis(1-Chloropropane)	2400		1900	ug/Kg	79				0	0	
Acetophenone	2400	120	2100	ug/Kg	83				0	0	
4-Methylphenol	2400		2300	ug/Kg	96				0	0	
N-Nitroso-di-n-propylamine	2400		1900	ug/Kg	79				41	126	
Hexachloroethane	2400		1600	ug/Kg	67				0	0	
Nitrobenzene	2400		2100	ug/Kg	88				0	0	
Isophorone	2400		2100	ug/Kg	88				0	0	
2-Nitrophenol	2400		2700	ug/Kg	113				0	0	
2,4-Dimethylphenol	2400		2000	ug/Kg	83				0	0	
Bis(2-chloroethoxy)methane	2400		2100	ug/Kg	88				0	0	
2,4-Dichlorophenol	2400		2500	ug/Kg	104				0	0	
Naphthalene	2400	68	2200	ug/Kg	89				0	0	
4-Chloroaniline	2400		1200	ug/Kg	50				0	0	
Hexachlorobutadiene	2400		2300	ug/Kg	96				0	0	
Caprolactam	2400		2300	ug/Kg	96				0	0	
4-Chloro-3-methylphenol	2400		2500	ug/Kg	104	*			26	103	
1-Methylnaphthalene	2400		2300	ug/Kg	96				0	0	
2-Methylnaphthalene	2400		2300	ug/Kg	96				0	0	
Hexachlorocyclopentadiene	2400		1500	ug/Kg	63				0	0	
2,4,6-Trichlorophenol	2400		2700	ug/Kg	113				0	0	
2,4,5-Trichlorophenol	2400		2800	ug/Kg	117				0	0	
1,1'-Biphenyl	2400		2300	ug/Kg	96				0	0	
2-Chloronaphthalene	2400		2300	ug/Kg	96				0	0	
2-Nitroaniline	2400		2900	ug/Kg	121				0	0	
Dimethylphthalate	2400		2500	ug/Kg	104				0	0	
2,6-Dinitrotoluene	2400		2900	ug/Kg	121				0	0	
Acenaphthylene	2400	120	2400	ug/Kg	95				0	0	
3-Nitroaniline	2400		2600	ug/Kg	108				0	0	
Acenaphthene	2400	110	2300	ug/Kg	91				31	137	
2,4-Dinitrophenol	2400		3500	ug/Kg	146				0	0	
4-Nitrophenol	2400		3000	ug/Kg	125	*			11	114	
Dibenzofuran	2400	62	2400	ug/Kg	97				0	0	
2,4-Dinitrotoluene	2400		3100	ug/Kg	129	*			28	89	
Diethylphthalate	2400		2500	ug/Kg	104				0	0	
Fluorene	2400	110	2500	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	2400		2400	ug/Kg	100				0	0	
4-Nitroaniline	2400		3100	ug/Kg	129				0	0	
4,6-Dinitro-2-methylphenol	2400		3100	ug/Kg	129				0	0	
N-Nitrosodiphenylamine	2400		2400	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

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	2400		2400	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	2400		2500	ug/Kg	104				0	0	
Hexachlorobenzene	2400		2000	ug/Kg	83				0	0	
Atrazine	2400		1800	ug/Kg	75				0	0	
Pentachlorophenol	2400		2600	ug/Kg	108				17	109	
Phenanthrene	2400	1700	3600	ug/Kg	79				0	0	
Pentachlorobenzene	2400		2000	ug/Kg	83				0	0	
Anthracene	2400	320	2500	ug/Kg	91				0	0	
1,2,3,4-Tetrachlorobenzene	2400		2300	ug/Kg	96				0	0	
Carbazole	2400	210	2500	ug/Kg	95				0	0	
Di-n-butylphthalate	2400	0	2700	ug/Kg	113				0	0	
Fluoranthene	2400	3100	4600	ug/Kg	63				0	0	
Pyrene	2400	2100	3400	ug/Kg	54				35	142	
Butylbenzylphthalate	2400	160	2800	ug/Kg	110				0	0	
3,3'-Dichlorobenzidine	2400		880	ug/Kg	37				0	0	
Benzo(a)anthracene	2400	1500	3600	ug/Kg	88				0	0	
Chrysene	2400	1800	3800	ug/Kg	83				0	0	
Bis(2-ethylhexyl)phthalate	2400	1300	3500	ug/Kg	92				0	0	
Di-n-octylphthalate	2400		2500	ug/Kg	104				0	0	
Benzo(b)fluoranthene	2400	2200	4100	ug/Kg	79				0	0	
Benzo(k)fluoranthene	2400	860	3100	ug/Kg	93				0	0	
Benzo(a)pyrene	2400	880	1900	ug/Kg	43				0	0	
Indeno(1,2,3-cd)pyrene	2400	710	2400	ug/Kg	70				0	0	
Dibenzo(a,h)anthracene	2400	300	2700	ug/Kg	100				0	0	
Benzo(g,h,i)perylene	2400	120	350	ug/Kg	10				0	0	
2,3,4,6-Tetrachlorophenol	2400		2800	ug/Kg	117				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3065-03MSD	Client Sample ID:	A4CX6MSD					DataFile:	BP020771.D		
1,4-Dioxane	940		640	ug/Kg	68		6		15	120	50
Benzaldehyde	2400		1500	ug/Kg	63		0		0	0	0
Pyridine	2400		970	ug/Kg	40		5	*	0	0	0
Phenol	2400		2300	ug/Kg	96	*	0		26	90	35
Bis(2-chloroethyl)ether	2400		2000	ug/Kg	83		0		0	0	0
2-Chlorophenol	2400		2200	ug/Kg	92		0		25	102	50
2-Methylphenol	2400		2200	ug/Kg	92		0		0	0	0
2,2-oxybis(1-Chloropropane)	2400		1900	ug/Kg	79		0		0	0	0
Acetophenone	2400	120	2200	ug/Kg	87		5	*	0	0	0
4-Methylphenol	2400		2400	ug/Kg	100		4	*	0	0	0
N-Nitroso-di-n-propylamine	2400		2000	ug/Kg	83		5		41	126	38
Hexachloroethane	2400		1600	ug/Kg	67		0		0	0	0
Nitrobenzene	2400		2100	ug/Kg	88		0		0	0	0
Isophorone	2400		2100	ug/Kg	88		0		0	0	0
2-Nitrophenol	2400		2700	ug/Kg	113		0		0	0	0
2,4-Dimethylphenol	2400		2000	ug/Kg	83		0		0	0	0
Bis(2-chloroethoxy)methane	2400		2100	ug/Kg	88		0		0	0	0
2,4-Dichlorophenol	2400		2500	ug/Kg	104		0		0	0	0
Naphthalene	2400	68	2200	ug/Kg	89		0		0	0	0
4-Chloroaniline	2400		1300	ug/Kg	54		8	*	0	0	0
Hexachlorobutadiene	2400		2300	ug/Kg	96		0		0	0	0
Caprolactam	2400		2400	ug/Kg	100		4	*	0	0	0
4-Chloro-3-methylphenol	2400		2600	ug/Kg	108	*	4		26	103	33
1-Methylnaphthalene	2400		2300	ug/Kg	96		0		0	0	0
2-Methylnaphthalene	2400		2300	ug/Kg	96		0		0	0	0
Hexachlorocyclopentadiene	2400		1300	ug/Kg	54		15	*	0	0	0
2,4,6-Trichlorophenol	2400		2700	ug/Kg	113		0		0	0	0
2,4,5-Trichlorophenol	2400		2800	ug/Kg	117		0		0	0	0
1,1'-Biphenyl	2400		2300	ug/Kg	96		0		0	0	0
2-Chloronaphthalene	2400		2300	ug/Kg	96		0		0	0	0
2-Nitroaniline	2400		2900	ug/Kg	121		0		0	0	0
Dimethylphthalate	2400		2500	ug/Kg	104		0		0	0	0
2,6-Dinitrotoluene	2400		3000	ug/Kg	125		3	*	0	0	0
Acenaphthylene	2400	120	2400	ug/Kg	95		0		0	0	0
3-Nitroaniline	2400		2600	ug/Kg	108		0		0	0	0
Acenaphthene	2400	110	2400	ug/Kg	95		4		31	137	19
2,4-Dinitrophenol	2400		3300	ug/Kg	138		6	*	0	0	0
4-Nitrophenol	2400		2700	ug/Kg	113		10		11	114	50
Dibenzofuran	2400	62	2400	ug/Kg	97		0		0	0	0
2,4-Dinitrotoluene	2400		3100	ug/Kg	129	*	0		28	89	47
Diethylphthalate	2400		2600	ug/Kg	108		4	*	0	0	0
Fluorene	2400	110	2500	ug/Kg	100		0		0	0	0
4-Chlorophenyl-phenylether	2400		2400	ug/Kg	100		0		0	0	0
4-Nitroaniline	2400		3200	ug/Kg	133		3	*	0	0	0
4,6-Dinitro-2-methylphenol	2400		3000	ug/Kg	125		3	*	0	0	0
N-Nitrosodiphenylamine	2400		2400	ug/Kg	100		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP070324

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	2400		2400	ug/Kg	100		0		0	0	0
4-Bromophenyl-phenylether	2400		2500	ug/Kg	104		0		0	0	0
Hexachlorobenzene	2400		2000	ug/Kg	83		0		0	0	0
Atrazine	2400		1800	ug/Kg	75		0		0	0	0
Pentachlorophenol	2400		2600	ug/Kg	108		0		17	109	47
Phenanthrene	2400	1700	3600	ug/Kg	79		0		0	0	0
Pentachlorobenzene	2400		2000	ug/Kg	83		0		0	0	0
Anthracene	2400	320	2600	ug/Kg	95		4	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2400		2400	ug/Kg	100		4	*	0	0	0
Carbazole	2400	210	2600	ug/Kg	100		5	*	0	0	0
Di-n-butylphthalate	2400	0	2700	ug/Kg	113		0		0	0	0
Fluoranthene	2400	3100	4600	ug/Kg	63		0		0	0	0
Pyrene	2400	2100	3400	ug/Kg	54		0		35	142	36
Butylbenzylphthalate	2400	160	2800	ug/Kg	110		0		0	0	0
3,3'-Dichlorobenzidine	2400		810	ug/Kg	34		8	*	0	0	0
Benzo(a)anthracene	2400	1500	3600	ug/Kg	88		0		0	0	0
Chrysene	2400	1800	3800	ug/Kg	83		0		0	0	0
Bis(2-ethylhexyl)phthalate	2400	1300	3500	ug/Kg	92		0		0	0	0
Di-n-octylphthalate	2400		2600	ug/Kg	108		4	*	0	0	0
Benzo(b)fluoranthene	2400	2200	4100	ug/Kg	79		0		0	0	0
Benzo(k)fluoranthene	2400	860	3000	ug/Kg	89		4	*	0	0	0
Benzo(a)pyrene	2400	880	1800	ug/Kg	38		12	*	0	0	0
Indeno(1,2,3-cd)pyrene	2400	710	2400	ug/Kg	70		0		0	0	0
Dibenzo(a,h)anthracene	2400	300	2600	ug/Kg	96		4	*	0	0	0
Benzo(g,h,i)perylene	2400	120	320	ug/Kg	8		22	*	0	0	0
2,3,4,6-Tetrachlorophenol	2400		2900	ug/Kg	121		3	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2964-02	A4B49	BP020778.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	0.98	2	*	20	120
			Phenol-d5	40	17.25	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
			2-Chlorophenol-d4	40	19.07	48		15	120
			4-Methylphenol-d8	40	13.35	33		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	23.27	58		10	120
			2,4-Dichlorophenol-d3	40	19.67	49		10	140
			4-Chloroaniline-d4	40	7.46	19		1	145
			Dimethylphthalate-d6	40	20.76	52		10	145
			Acenaphthylene-d8	40	19.50	49		15	120
			4-Nitrophenol-d4	40	15.06	38		10	150
			Fluorene-d10	40	21.82	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.81	35		10	130
			Anthracene-d10	40	21.20	53		10	150
			Pyrene-d10	40	18.43	46		10	130
			Benzo(a)pyrene-d12	40	14.78	37		10	140
P2964-04	A4B51	BP020779.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	4.23	11	*	20	120
			Phenol-d5	40	15.78	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.89	40		10	150
			2-Chlorophenol-d4	40	17.08	43		15	120
			4-Methylphenol-d8	40	11.32	28		10	140
			Nitrobenzene-d5	40	18.58	46		10	135
			2-Nitrophenol-d4	40	21.17	53		10	120
			2,4-Dichlorophenol-d3	40	17.77	44		10	140
			4-Chloroaniline-d4	40	8.90	22		1	145
			Dimethylphthalate-d6	40	19.16	48		10	145
			Acenaphthylene-d8	40	17.79	44		15	120
			4-Nitrophenol-d4	40	15.43	39		10	150
			Fluorene-d10	40	19.83	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.60	32		10	130
			Anthracene-d10	40	18.56	46		10	150
			Pyrene-d10	40	15.81	40		10	130
			Benzo(a)pyrene-d12	40	12.44	31		10	140
P2964-05	A4B52	BP020780.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	3.50	9	*	20	120
			Phenol-d5	40	15.65	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.68	39		10	150
			2-Chlorophenol-d4	40	16.70	42		15	120
			4-Methylphenol-d8	40	13.26	33		10	140
			Nitrobenzene-d5	40	18.17	45		10	135
			2-Nitrophenol-d4	40	20.65	52		10	120
			2,4-Dichlorophenol-d3	40	17.62	44		10	140
			4-Chloroaniline-d4	40	9.58	24		1	145
			Dimethylphthalate-d6	40	19.61	49		10	145
			Acenaphthylene-d8	40	18.28	46		15	120
			4-Nitrophenol-d4	40	16.76	42		10	150

Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2964-05	A4B52	BP020780.D	Fluorene-d10	40	19.84	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.51	29		10	130
			Anthracene-d10	40	18.90	47		10	150
			Pyrene-d10	40	16.43	41		10	130
			Benzo(a)pyrene-d12	40	12.99	32		10	140
P2964-07	A4CS2	BP020777.D	Pyridine-d5	40	2.47	6	*	20	120
			1,4-Dioxane-d8	8	1.94	24		15	120
			Phenol-d5	40	12.40	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.79	32		10	150
			2-Chlorophenol-d4	40	13.51	34		15	120
			4-Methylphenol-d8	40	13.46	34		10	140
			Nitrobenzene-d5	40	14.87	37		10	135
			2-Nitrophenol-d4	40	16.98	42		10	120
			2,4-Dichlorophenol-d3	40	14.77	37		10	140
			4-Chloroaniline-d4	40	8.56	21		1	145
			Dimethylphthalate-d6	40	16.67	42		10	145
			Acenaphthylene-d8	40	15.44	39		15	120
			4-Nitrophenol-d4	40	11.23	28		10	150
			Fluorene-d10	40	16.79	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.19	18		10	130
			Anthracene-d10	40	16.64	42		10	150
			Pyrene-d10	40	13.78	34		10	130
			Benzo(a)pyrene-d12	40	11.37	28		10	140
			1,4-Dioxane-d8	8	3.34	42		15	120
			Pyridine-d5	40	1.48	4	*	20	120
P2964-08	A4CS4	BP020781.D	Phenol-d5	40	19.61	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.52	46		10	150
			2-Chlorophenol-d4	40	20.44	51		15	120
			4-Methylphenol-d8	40	19.83	50		10	140
			Nitrobenzene-d5	40	22.75	57		10	135
			2-Nitrophenol-d4	40	25.12	63		10	120
			2,4-Dichlorophenol-d3	40	21.83	55		10	140
			4-Chloroaniline-d4	40	7.51	19		1	145
			Dimethylphthalate-d6	40	23.74	59		10	145
			Acenaphthylene-d8	40	22.58	56		15	120
			4-Nitrophenol-d4	40	18.35	46		10	150
			Fluorene-d10	40	24.15	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.05	33		10	130
			Anthracene-d10	40	23.33	58		10	150
			Pyrene-d10	40	19.74	49		10	130
			Benzo(a)pyrene-d12	40	15.35	38		10	140
			1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	5.16	13	*	20	120
			Phenol-d5	40	21.45	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.40	51		10	150
P2964-09MS	A4CS4MS	BP020782.D	2-Chlorophenol-d4	40	22.08	55		15	120
			4-Methylphenol-d8	40	21.51	54		10	140
			Nitrobenzene-d5	40	24.93	62		10	135
			2-Nitrophenol-d4	40	27.97	70		10	120

Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2964-09MS	A4CS4MS	BP020782.D	2,4-Dichlorophenol-d3	40	25.04	63		10	140
			4-Chloroaniline-d4	40	11.34	28		1	145
			Dimethylphthalate-d6	40	24.87	62		10	145
			Acenaphthylene-d8	40	23.10	58		15	120
			4-Nitrophenol-d4	40	23.23	58		10	150
			Fluorene-d10	40	24.93	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.03	48		10	130
			Anthracene-d10	40	23.84	60		10	150
			Pyrene-d10	40	20.68	52		10	130
			Benzo(a)pyrene-d12	40	16.82	42		10	140
PB161628BL	PB161628BL	BP020774.D	Pyridine-d5	40	30.73	77		20	120
		BP020769.D	1,4-Dioxane-d8	8	6.56	82		15	120
			Pyridine-d5	40	30.99	77		20	120
		BP020774.D	1,4-Dioxane-d8	8	6.34	79		15	120
		BP020769.D	Phenol-d5	40	31.74	79		10	130
		BP020774.D	Phenol-d5	40	32.82	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.36	78		10	150
		BP020769.D	Bis(2-Chloroethyl)ether-d8	40	30.78	77		10	150
			2-Chlorophenol-d4	40	32.14	80		15	120
		BP020774.D	2-Chlorophenol-d4	40	32.96	82		15	120
			4-Methylphenol-d8	40	32.83	82		10	140
		BP020769.D	4-Methylphenol-d8	40	31.61	79		10	140
			Nitrobenzene-d5	40	35.84	90		10	135
		BP020774.D	Nitrobenzene-d5	40	36.19	90		10	135
		BP020769.D	2-Nitrophenol-d4	40	40.91	102		10	120
		BP020774.D	2-Nitrophenol-d4	40	41.33	103		10	120
			2,4-Dichlorophenol-d3	40	34.18	85		10	140
		BP020769.D	2,4-Dichlorophenol-d3	40	33.19	83		10	140
			4-Chloroaniline-d4	40	34.34	86		1	145
		BP020774.D	4-Chloroaniline-d4	40	34.63	87		1	145
			Dimethylphthalate-d6	40	36.14	90		10	145
		BP020769.D	Dimethylphthalate-d6	40	38.69	97		10	145
			Acenaphthylene-d8	40	34.05	85		15	120
		BP020774.D	Acenaphthylene-d8	40	33.63	84		15	120
		BP020769.D	4-Nitrophenol-d4	40	36.90	92		10	150
		BP020774.D	4-Nitrophenol-d4	40	35.01	88		10	150
		BP020769.D	Fluorene-d10	40	37.74	94		20	140
		BP020774.D	Fluorene-d10	40	35.89	90		20	140
		BP020769.D	4,6-Dinitro-2-methylphenol-d2	40	36.89	92		10	130
		BP020774.D	4,6-Dinitro-2-methylphenol-d2	40	30.72	77		10	130
		BP020769.D	Anthracene-d10	40	35.23	88		10	150
		BP020774.D	Anthracene-d10	40	35.98	90		10	150
			Pyrene-d10	40	34.73	87		10	130
		BP020769.D	Pyrene-d10	40	33.33	83		10	130
			Benzo(a)pyrene-d12	40	37.05	93		10	140
		BP020774.D	Benzo(a)pyrene-d12	40	36.68	92		10	140



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Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-06DL2	C0T78DL2	BP020776.D	1,4-Dioxane-d8	8	5.59	70		15	120
			Pyridine-d5	40	23.41	59		20	120
			Phenol-d5	40	31.15	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.84	82		10	150
			2-Chlorophenol-d4	40	33.61	84		15	120
			4-Methylphenol-d8	40	33.49	84		10	140
			Nitrobenzene-d5	40	35.20	88		10	135
			2-Nitrophenol-d4	40	40.04	100		10	120
			2,4-Dichlorophenol-d3	40	36.03	90		10	140
			4-Chloroaniline-d4	40	32.01	80		1	145
			Dimethylphthalate-d6	40	40.52	101		10	145
			Acenaphthylene-d8	40	38.61	97		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	42.27	106		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	39.33	98		10	150
			Pyrene-d10	40	37.98	95		10	130
			Benzo(a)pyrene-d12	40	40.21	101		10	140

Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-03DL	A4B48DL	BP020775.D	Pyridine-d5	40	2.96	7	*	20	120
			1,4-Dioxane-d8	8	3.49	44		15	120
			Phenol-d5	40	19.31	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.92	52		10	150
			2-Chlorophenol-d4	40	21.29	53		15	120
			4-Methylphenol-d8	40	7.70	19		10	140
			Nitrobenzene-d5	40	21.07	53		10	135
			2-Nitrophenol-d4	40	22.97	57		10	120
			2,4-Dichlorophenol-d3	40	20.31	51		10	140
			4-Chloroaniline-d4	40	8.24	21		1	145
			Dimethylphthalate-d6	40	26.35	66		10	145
			Acenaphthylene-d8	40	23.39	58		15	120
			4-Nitrophenol-d4	40	18.33	46		10	150
			Fluorene-d10	40	27.17	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.81	30		10	130
			Anthracene-d10	40	25.39	63		10	150
			Pyrene-d10	40	22.55	56		10	130
			Benzo(a)pyrene-d12	40	17.31	43		10	140
P2963-13	A4CR7	BP020772.D	Pyridine-d5	40	1.28	3	*	20	120
			1,4-Dioxane-d8	8	3.95	49		15	120
			Phenol-d5	40	31.60	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.16	73		10	150
			2-Chlorophenol-d4	40	32.13	80		15	120
			4-Methylphenol-d8	40	32.72	82		10	140
			Nitrobenzene-d5	40	35.71	89		10	135
			2-Nitrophenol-d4	40	41.05	103		10	120
			2,4-Dichlorophenol-d3	40	34.86	87		10	140
			4-Chloroaniline-d4	40	9.19	23		1	145
			Dimethylphthalate-d6	40	35.83	90		10	145
			Acenaphthylene-d8	40	33.74	84		15	120
			4-Nitrophenol-d4	40	36.79	92		10	150
			Fluorene-d10	40	36.21	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.52	69		10	130
			Anthracene-d10	40	36.91	92		10	150
			Pyrene-d10	40	29.97	75		10	130
			Benzo(a)pyrene-d12	40	24.74	62		10	140

Surrogate Summary

SW-846

SDG No.: BP070324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3065-02MS	A4CX6MS	BP020770.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	10.59	26		20	120
			Phenol-d5	40	31.28	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.50	71		10	150
			2-Chlorophenol-d4	40	31.10	78		15	120
			4-Methylphenol-d8	40	31.01	78		10	140
			Nitrobenzene-d5	40	34.53	86		10	135
			2-Nitrophenol-d4	40	40.02	100		10	120
			2,4-Dichlorophenol-d3	40	37.77	94		10	140
			4-Chloroaniline-d4	40	13.62	34		1	145
			Dimethylphthalate-d6	40	38.55	96		10	145
			Acenaphthylene-d8	40	35.93	90		15	120
			4-Nitrophenol-d4	40	42.17	105		10	150
			Fluorene-d10	40	38.51	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	47.22	118		10	130
			Anthracene-d10	40	37.72	94		10	150
			Pyrene-d10	40	32.39	81		10	130
			Benzo(a)pyrene-d12	40	25.95	65		10	140
P3065-03MSD	A4CX6MSD	BP020771.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	9.90	25		20	120
			Phenol-d5	40	31.62	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.30	71		10	150
			2-Chlorophenol-d4	40	31.57	79		15	120
			4-Methylphenol-d8	40	32.24	81		10	140
			Nitrobenzene-d5	40	34.71	87		10	135
			2-Nitrophenol-d4	40	40.57	101		10	120
			2,4-Dichlorophenol-d3	40	37.95	95		10	140
			4-Chloroaniline-d4	40	14.62	37		1	145
			Dimethylphthalate-d6	40	39.20	98		10	145
			Acenaphthylene-d8	40	35.97	90		15	120
			4-Nitrophenol-d4	40	42.67	107		10	150
			Fluorene-d10	40	38.76	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	45.37	113		10	130
			Anthracene-d10	40	38.55	96		10	150
			Pyrene-d10	40	32.81	82		10	130
			Benzo(a)pyrene-d12	40	25.53	64		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP070324

Lab Code: CHEM

SAS No.: BP070324

SDG NO.: BP070324

Lab File ID: BP020767.D

DFTPP Injection Date: 07/03/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91.5
443	15.0 - 24.0% of mass 442	18 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020670	SSTDCCC020	BP020768.D	07/03/2024	13:06
SBLK628	PB161628BL	BP020769.D	07/03/2024	13:51
A4CX6MS	P3065-02MS	BP020770.D	07/03/2024	14:33
A4CX6MSD	P3065-03MSD	BP020771.D	07/03/2024	15:15
A4CR7	P2963-13	BP020772.D	07/03/2024	15:56
SSTD020671	SSTDCCC020EC	BP020773.D	07/03/2024	17:21
SBLK628	PB161628BL	BP020774.D	07/03/2024	18:04
A4B48DL	P2963-03DL	BP020775.D	07/03/2024	18:46
C0T78DL2	P2962-06DL2	BP020776.D	07/03/2024	19:29
A4CS2	P2964-07	BP020777.D	07/03/2024	20:12
A4B49	P2964-02	BP020778.D	07/03/2024	20:54
A4B51	P2964-04	BP020779.D	07/03/2024	21:36
A4B52	P2964-05	BP020780.D	07/03/2024	22:19
A4CS4	P2964-08	BP020781.D	07/03/2024	23:01
A4CS4MS	P2964-09MS	BP020782.D	07/03/2024	23:43