

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524

Instrument ID: BNA_N Calibration Date/Time: 6/4/2024 12:16:53

Lab File ID: BN031779.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020272 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.418	0.010	-19.1075	40.0
Benzaldehyde	0.804	0.633	0.010	-21.2721	40.0
Pyridine	1.361	1.250	0.010	-8.1189	40.0
Phenol	1.745	1.743	0.080	-0.0953	20.0
Bis(2-Chloroethyl)ether	1.443	1.381	0.100	-4.26	20.0
2-Chlorophenol	1.369	1.344	0.200	-1.811	20.0
2-Methylphenol	1.348	1.323	0.010	-1.8495	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.526	0.010	-8.1029	40.0
Acetophenone	2.118	2.074	0.060	-2.0814	20.0
4-Methylphenol	1.461	1.427	0.010	-2.2914	20.0
N-Nitroso-di-n-propylamine	1.098	0.993	0.050	-9.5068	30.0
Hexachloroethane	0.580	0.504	0.100	-13.1246	20.0
Nitrobenzene	0.364	0.346	0.050	-4.9433	25.0
Isophorone	0.747	0.640	0.050	-14.3896	25.0
2-Nitrophenol	0.173	0.170	0.050	-1.6072	25.0
2,4-Dimethylphenol	0.336	0.299	0.050	-10.8722	25.0
Bis(2-Chloroethoxy)methane	0.466	0.415	0.050	-10.9134	20.0
2,4-Dichlorophenol	0.291	0.281	0.060	-3.3668	20.0
Naphthalene	1.035	0.975	0.200	-5.8145	20.0
4-Chloroaniline	0.425	0.387	0.010	-8.9282	40.0
Hexachlorobutadiene	0.175	0.162	0.040	-7.4608	30.0
Caprolactam	0.114	0.106	0.010	-7.125	40.0
4-Chloro-3-methylphenol	0.340	0.311	0.040	-8.6496	25.0
1-Methylnaphthalene	0.710	0.650	0.100	-8.4541	20.0
2-Methylnaphthalene	0.708	0.661	0.100	-6.6417	20.0
Hexachlorocyclopentadiene	0.305	0.295	0.010	-3.2442	40.0
2,4,6-Trichlorophenol	0.359	0.355	0.090	-1.1527	25.0
2,4,5-Trichlorophenol	0.390	0.382	0.100	-1.9637	25.0
1,1-Biphenyl	1.407	1.372	0.200	-2.4515	20.0
2-Chloronaphthalene	1.102	1.097	0.300	-0.4535	20.0
2-Nitroaniline	0.319	0.301	0.050	-5.7472	40.0
Dimethylphthalate	1.425	1.296	0.300	-9.0174	20.0
2,6-Dinitrotoluene	0.283	0.268	0.080	-5.5478	30.0
Acenaphthylene	1.811	1.757	0.400	-2.9737	20.0
3-Nitroaniline	0.303	0.274	0.010	-9.6095	40.0
Acenaphthene	1.198	1.137	0.200	-5.1116	20.0
2,4-Dinitrophenol	0.143	0.118	0.010	-17.332	40.0
4-Nitrophenol	0.207	0.162	0.010	-21.6012	40.0
Dibenzofuran	1.628	1.535	0.300	-5.663	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524

Instrument ID: BNA_N Calibration Date/Time: 6/4/2024 12:16:53

Lab File ID: BN031779.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020272 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.359	0.070	-13.5906	30.0
Diethylphthalate	1.470	1.272	0.300	-13.4965	20.0
Fluorene	1.311	1.219	0.200	-6.988	20.0
4-Chlorophenyl-phenylether	0.635	0.588	0.100	-7.4143	20.0
4-Nitroaniline	0.288	0.265	0.010	-8.1482	40.0
4,6-Dinitro-2-methylphenol	0.107	0.084	0.010	-21.3057	40.0
N-Nitrosodiphenylamine	0.551	0.590	0.050	6.9369	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.534	0.100	0.884	20.0
4-Bromophenyl-phenylether	0.194	0.204	0.070	5.4323	20.0
Hexachlorobenzene	0.220	0.218	0.050	-0.9464	25.0
Atrazine	0.174	0.167	0.010	-3.9803	25.0
Pentachlorophenol	0.141	0.122	0.010	-13.4502	40.0
Phenanthrene	1.019	0.980	0.200	-3.8489	20.0
Pentachlorobenzene	0.251	0.285	0.050	13.6202	20.0
Anthracene	1.032	0.989	0.200	-4.237	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.307	0.050	19.1266	20.0
Carbazole	0.880	0.855	0.050	-2.9106	40.0
Di-n-butylphthalate	1.211	1.153	0.500	-4.799	25.0
Fluoranthene	1.279	1.361	0.400	6.377	25.0
Pyrene	1.312	1.384	0.400	5.479	25.0
Butylbenzylphthalate	0.620	0.620	0.100	-0.0167	40.0
3,3-Dichlorobenzidine	0.384	0.293	0.010	-23.6881	40.0
Benzo (a) anthracene	1.339	1.247	0.300	-6.8712	30.0
Chrysene	1.250	1.168	0.200	-6.5734	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.921	0.200	1.9403	40.0
Di-n-octyl phthalate	1.339	1.301	0.010	-2.8672	40.0
Benzo (b) fluoranthene	1.195	1.112	0.200	-6.9728	25.0
Benzo (k) fluoranthene	1.173	1.065	0.200	-9.2322	25.0
Benzo (a) pyrene	1.120	1.057	0.200	-5.5696	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.267	0.200	-1.8156	25.0
Dibenzo (a,h) anthracene	1.053	1.057	0.200	0.3732	30.0
Benzo (g,h,i) perylene	1.026	1.031	0.200	0.4809	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.283	0.040	-13.3908	20.0
1,4-Dioxane-d8	0.483	0.397	0.010	-17.8159	25.0
Pyridine-d5	1.361	1.276	0.010	-6.244	40.0
Phenol-d5	1.715	1.708	0.010	-0.3857	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.944	0.050	-5.8355	25.0
2-Chlorophenol-d4	1.308	1.280	0.200	-2.1824	20.0
4-Methylphenol-d8	1.398	1.366	0.010	-2.2944	20.0

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524
 Instrument ID: BNA_N Calibration Date/Time: 6/4/2024 12:16:53
 Lab File ID: BN031779.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020272 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.146	0.050	-4.2344	20.0
2-Nitrophenol-d4	0.158	0.156	0.050	-1.0256	30.0
2,4-Dichlorophenol-d3	0.295	0.285	0.060	-3.4479	20.0
4-Chloroaniline-d4	0.438	0.391	0.010	-10.6175	40.0
Dimethylphthalate-d6	1.393	1.256	0.300	-9.888	20.0
Acenaphthylene-d8	1.602	1.519	0.400	-5.1683	20.0
4-Nitrophenol-d4	0.279	0.220	0.010	-21.2275	40.0
Fluorene-d10	1.179	1.079	0.100	-8.4724	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.075	0.010	-25.3892	40.0
Anthracene-d10	0.856	0.816	0.300	-4.6553	20.0
Pyrene-d10	1.070	1.119	0.300	4.5574	25.0
Benzo(a)pyrene-d12	0.955	0.874	0.010	-8.5282	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524

Instrument ID: BNA_N Calibration Date/Time: 6/5/2024 12:03:24

Lab File ID: BN031794.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020273 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.453	0.010	-12.3883	50.0
Benzaldehyde	0.804	0.767	0.010	-4.6834	50.0
Pyridine	1.361	1.265	0.010	-7.0309	50.0
Phenol	1.745	1.815	0.080	4.0	50.0
Bis(2-Chloroethyl)ether	1.443	1.415	0.100	-1.9447	50.0
2-Chlorophenol	1.369	1.416	0.200	3.4283	50.0
2-Methylphenol	1.348	1.368	0.010	1.4877	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.487	0.010	-10.4532	50.0
Acetophenone	2.118	2.112	0.060	-0.3043	50.0
4-Methylphenol	1.461	1.451	0.010	-0.6863	50.0
N-Nitroso-di-n-propylamine	1.098	0.995	0.050	-9.3486	50.0
Hexachloroethane	0.580	0.412	0.100	-28.8658	50.0
Nitrobenzene	0.364	0.370	0.050	1.4417	50.0
Isophorone	0.747	0.643	0.050	-13.9231	50.0
2-Nitrophenol	0.173	0.186	0.050	7.9051	50.0
2,4-Dimethylphenol	0.336	0.339	0.050	1.0411	50.0
Bis(2-Chloroethoxy)methane	0.466	0.442	0.050	-5.0437	50.0
2,4-Dichlorophenol	0.291	0.301	0.060	3.3003	50.0
Naphthalene	1.035	1.043	0.200	0.8	50.0
4-Chloroaniline	0.425	0.412	0.010	-3.1412	50.0
Hexachlorobutadiene	0.175	0.169	0.040	-3.1075	50.0
Caprolactam	0.114	0.095	0.010	-16.7376	50.0
4-Chloro-3-methylphenol	0.340	0.325	0.040	-4.5054	50.0
1-Methylnaphthalene	0.710	0.676	0.100	-4.8054	50.0
2-Methylnaphthalene	0.708	0.685	0.100	-3.2277	50.0
Hexachlorocyclopentadiene	0.305	0.104	0.010	-65.799	50.0
2,4,6-Trichlorophenol	0.359	0.400	0.090	11.4933	50.0
2,4,5-Trichlorophenol	0.390	0.422	0.100	8.0541	50.0
1,1-Biphenyl	1.407	1.531	0.200	8.859	50.0
2-Chloronaphthalene	1.102	1.197	0.300	8.6389	50.0
2-Nitroaniline	0.319	0.330	0.050	3.2949	50.0
Dimethylphthalate	1.425	1.399	0.300	-1.8457	50.0
2,6-Dinitrotoluene	0.283	0.295	0.080	4.1514	50.0
Acenaphthylene	1.811	1.860	0.400	2.7197	50.0
3-Nitroaniline	0.303	0.331	0.010	9.4325	50.0
Acenaphthene	1.198	1.227	0.200	2.4095	50.0
2,4-Dinitrophenol	0.143	0.102	0.010	-28.8831	50.0
4-Nitrophenol	0.207	0.223	0.010	7.6496	50.0
Dibenzofuran	1.628	1.677	0.300	3.002	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524

Instrument ID: BNA_N Calibration Date/Time: 6/5/2024 12:03:24

Lab File ID: BN031794.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020273 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.402	0.070	-3.2466	50.0
Diethylphthalate	1.470	1.339	0.300	-8.9622	50.0
Fluorene	1.311	1.320	0.200	0.7156	50.0
4-Chlorophenyl-phenylether	0.635	0.658	0.100	3.5814	50.0
4-Nitroaniline	0.288	0.314	0.010	8.9144	50.0
4,6-Dinitro-2-methylphenol	0.107	0.084	0.010	-21.7463	50.0
N-Nitrosodiphenylamine	0.551	0.638	0.050	15.7936	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.595	0.100	12.5163	50.0
4-Bromophenyl-phenylether	0.194	0.222	0.070	14.7345	50.0
Hexachlorobenzene	0.220	0.229	0.050	4.4837	50.0
Atrazine	0.174	0.168	0.010	-3.2807	50.0
Pentachlorophenol	0.141	0.128	0.010	-8.9465	50.0
Phenanthrene	1.019	1.041	0.200	2.1347	50.0
Pentachlorobenzene	0.251	0.293	0.050	16.7108	50.0
Anthracene	1.032	1.060	0.200	2.7177	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.324	0.050	26.0434	50.0
Carbazole	0.880	0.918	0.050	4.33	50.0
Di-n-butylphthalate	1.211	1.236	0.500	2.0979	50.0
Fluoranthene	1.279	1.552	0.400	21.3656	50.0
Pyrene	1.312	1.506	0.400	14.7408	50.0
Butylbenzylphthalate	0.620	0.714	0.100	15.1627	50.0
3,3-Dichlorobenzidine	0.384	0.281	0.010	-26.835	50.0
Benzo(a)anthracene	1.339	1.354	0.300	1.1262	50.0
Chrysene	1.250	1.290	0.200	3.2022	50.0
Bis(2-ethylhexyl)phthalate	0.904	1.035	0.200	14.553	50.0
Di-n-octyl phthalate	1.339	1.467	0.010	9.5926	50.0
Benzo(b)fluoranthene	1.195	1.193	0.200	-0.1658	50.0
Benzo(k)fluoranthene	1.173	1.164	0.200	-0.7776	50.0
Benzo(a)pyrene	1.120	1.151	0.200	2.7675	50.0
Indeno(1,2,3-cd)pyrene	1.290	1.388	0.200	7.5799	50.0
Dibenzo(a,h)anthracene	1.053	1.157	0.200	9.8436	50.0
Benzo(g,h,i)perylene	1.026	1.096	0.200	6.9062	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.320	0.040	-2.0149	50.0
1,4-Dioxane-d8	0.483	0.425	0.010	-12.1333	50.0
Pyridine-d5	1.361	1.256	0.010	-7.7119	50.0
Phenol-d5	1.715	1.752	0.010	2.1694	50.0
Bis-(2-Chloroethyl)ether-d8	1.003	0.960	0.050	-4.2559	50.0
2-Chlorophenol-d4	1.308	1.363	0.200	4.187	50.0
4-Methylphenol-d8	1.398	1.394	0.010	-0.2711	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG No.: BN060524

Instrument ID: BNA_N Calibration Date/Time: 6/5/2024 12:03:24

Lab File ID: BN031794.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020273 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.163	0.050	6.809	50.0
2-Nitrophenol-d4	0.158	0.177	0.050	12.2287	50.0
2,4-Dichlorophenol-d3	0.295	0.308	0.060	4.4856	50.0
4-Chloroaniline-d4	0.438	0.416	0.010	-4.9507	50.0
Dimethylphthalate-d6	1.393	1.353	0.300	-2.8908	50.0
Acenaphthylene-d8	1.602	1.656	0.400	3.3843	50.0
4-Nitrophenol-d4	0.279	0.250	0.010	-10.2825	50.0
Fluorene-d10	1.179	1.164	0.100	-1.2641	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.075	0.010	-25.1057	50.0
Anthracene-d10	0.856	0.879	0.300	2.6693	50.0
Pyrene-d10	1.070	1.216	0.300	13.622	50.0
Benzo(a)pyrene-d12	0.955	0.966	0.010	1.1893	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN060524
Lab Sample ID:	PB161200BL	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
BN031780.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	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)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN060524
Lab Sample ID:	PB161200BL	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
BN031780.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN060524
Lab Sample ID:	PB161200BL	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
BN031780.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.754		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	32.396		20-120		81	SPK: -40
4165-62-2	Phenol-d5	34.331		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.124		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.752		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	34.736		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	33.753		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.335		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.527		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.419		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.445		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.825		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.269		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	32.66		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN060524
Lab Sample ID:	PB161200BL	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
BN031780.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.045		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	35.085		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	40.551		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.783		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	470222	7.681				
1146-65-2	Naphthalene-d8	2168394	10.463				
15067-26-2	Acenaphthene-d10	1342817	14.322				
1517-22-2	Phenanthrene-d10	2391963	17.069				
1719-03-5	Chrysene-d12	1493378	21.298				
1520-96-3	Perylene-d12	1619864	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2	SDG No.:	BN060524
Lab Sample ID:	P2591-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031781.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.4	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	120	J	54	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.2	200	ug/Kg
95-48-7	2-Methylphenol	57	J	47	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.4	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.4	400	ug/Kg
106-44-5	4-Methylphenol	190	J	49	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.2	200	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	96	J	10	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.2	200	ug/Kg
91-20-3	Naphthalene	2400		40	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.2	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	1100		23	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2	SDG No.:	BN060524
Lab Sample ID:	P2591-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031781.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	440		55	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.2	200	ug/Kg
208-96-8	Acenaphthylene	690		55	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.4	400	ug/Kg
83-32-9	Acenaphthene	3200		60	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.4	400	ug/Kg
132-64-9	Dibenzofuran	3300	E	48	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.2	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.2	200	ug/Kg
86-73-7	Fluorene	3200		70	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.4	400	ug/Kg
85-01-8	Phenanthrene	16000	E	64	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.2	200	ug/Kg
120-12-7	Anthracene	7400	E	57	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51.2	200	ug/Kg
86-74-8	Carbazole	7100	E	74	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.2	200	ug/Kg
206-44-0	Fluoranthene	46000	E	54	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2	SDG No.:	BN060524
Lab Sample ID:	P2591-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031781.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37000	E	55	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	490		52	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	36000	E	47	51.2	200	ug/Kg
218-01-9	Chrysene	31000	E	55	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		52	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	21000	E	58	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	7800	E	70	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	14000	E	69	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13000	E	54	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6400	E	63	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700		55	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.91		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	13.11		20-120		33	SPK: -40
4165-62-2	Phenol-d5	22.444		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.905		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.808		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.494		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.202		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.048		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.671		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.781		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.551		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.578		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.04		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	21.119		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2	SDG No.:	BN060524
Lab Sample ID:	P2591-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031781.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.163		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	24.509		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	44.226		10-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.61		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	559054	7.681				
1146-65-2	Naphthalene-d8	2381162	10.463				
15067-26-2	Acenaphthene-d10	1358387	14.322				
1517-22-2	Phenanthrene-d10	1863040	17.086				
1719-03-5	Chrysene-d12	561710	21.357				
1520-96-3	Perylene-d12	1746573	24.316				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-42-0	Naphthalene, 2,6-dimethyl-	730	J			13.64	
000571-61-9	Naphthalene, 1,5-dimethyl-	360	J			13.875	
000101-81-5	Diphenylmethane	400	J			15.534	
007320-53-8	Dibenzofuran, 4-methyl-	1000	J			15.669	
000486-25-9	9H-Fluoren-9-one	190	J			16.751	
002531-84-2	Phenanthrene, 2-methyl-	190	J			17.957	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			18.151	
000230-17-1	Benzo[c]cinoline	170	J			18.522	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			19.057	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	850	J			19.198	
000194-03-6	4-Azapyrene	150	J			19.763	
002381-21-7	Pyrene, 1-methyl-	170	J			19.969	
003442-78-2	Pyrene, 2-methyl-	190	J			20.163	
000479-79-8	11H-Benzo[a]fluoren-11-one	240	J			20.775	
000082-05-3	7H-Benz[de]anthracen-7-one	240	J			20.933	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	160	J			20.974	
027208-37-3	Cyclopenta[cd]pyrene	190	J			21.022	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2	SDG No.:	BN060524
Lab Sample ID:	P2591-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031781.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003029-19-4	1-Pyrenecarboxaldehyde	260	J			21.104	
002498-76-2	Benz[a]anthracene, 2-methyl-	180	J			22.01	
001090-13-7	5,12-Naphthacenedione	150	J			22.645	
000602-55-1	Anthracene, 9-phenyl-	700	J			23.033	
095676-42-9	4,5-Dihydrobenzo[e]pyrene	230	J			23.251	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	270	J			23.533	
000192-97-2	Benzo[e]pyrene	820	J			23.627	
000194-63-8	Dinaphtho[2,1-b:1,2-d]furan	290	J			23.792	
000198-55-0	Perylene	1600	J			24.063	
	unknown-01	800	J			24.392	
003343-10-0	Benz[j]aceanthrylene, 3-methyl-	250	J			25.092	
000213-46-7	Picene	410	J			27.892	
000215-58-7	Benzo[b]triphenylene	740	J			28.127	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2DL	SDG No.:	BN060524
Lab Sample ID:	P2591-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031782.D	10	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	79.5	800	ug/Kg
110-86-1	Pyridine	140	U	140	2000	4000	ug/Kg
100-52-7	Benzaldehyde	580	U	580	990	4000	ug/Kg
108-95-2	Phenol	540	U	540	990	4000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	420	U	420	990	4000	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	510	2000	ug/Kg
95-48-7	2-Methylphenol	470	U	470	990	4000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	350	U	350	990	4000	ug/Kg
98-86-2	Acetophenone	710	U	710	990	4000	ug/Kg
106-44-5	4-Methylphenol	490	U	490	990	4000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	450	U	450	510	2000	ug/Kg
67-72-1	Hexachloroethane	190	U	190	510	2000	ug/Kg
98-95-3	Nitrobenzene	330	U	330	510	2000	ug/Kg
78-59-1	Isophorone	430	U	430	510	2000	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	370	U	370	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	410	510	2000	ug/Kg
91-20-3	Naphthalene	3000	D	400	510	2000	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	510	4000	ug/Kg
87-68-3	Hexachlorobutadiene	310	U	310	510	2000	ug/Kg
105-60-2	Caprolactam	480	U	480	990	4000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	430	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	1300	JD	230	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	1600	JD	450	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	990	4000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	600	U	600	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	590	U	590	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2DL	SDG No.:	BN060524
Lab Sample ID:	P2591-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031782.D	10	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	550	U	550	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	510	2000	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	510	2000	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	510	2000	ug/Kg
208-96-8	Acenaphthylene	800	JD	550	510	2000	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	990	4000	ug/Kg
83-32-9	Acenaphthene	4300	D	600	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	990	4000	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	990	4000	ug/Kg
132-64-9	Dibenzofuran	4800	D	480	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	510	2000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	510	2000	ug/Kg
86-73-7	Fluorene	4600	D	700	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	580	U	580	510	2000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	990	4000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	990	4000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	540	U	540	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540	U	540	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	510	2000	ug/Kg
1912-24-9	Atrazine	130	U	130	990	4000	ug/Kg
87-86-5	Pentachlorophenol	460	U	460	990	4000	ug/Kg
85-01-8	Phenanthrene	53000	ED	640	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	430	U	430	510	2000	ug/Kg
120-12-7	Anthracene	14000	D	570	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	510	2000	ug/Kg
86-74-8	Carbazole	10000	D	740	990	4000	ug/Kg
84-74-2	Di-n-butylphthalate	690	U	690	510	2000	ug/Kg
206-44-0	Fluoranthene	88000	ED	540	990	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2DL	SDG No.:	BN060524
Lab Sample ID:	P2591-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031782.D	10	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72000	ED	550	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	520	U	520	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	990	4000	ug/Kg
56-55-3	Benzo(a)anthracene	43000	ED	470	510	2000	ug/Kg
218-01-9	Chrysene	43000	ED	550	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400	JD	520	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	520	U	520	990	4000	ug/Kg
205-99-2	Benzo(b)fluoranthene	43000	ED	580	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	20000	D	700	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	25000	D	690	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19000	D	540	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7500	D	630	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3800	D	550	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	630	U	630	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.52		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	12.59		20-120		31	SPK: -40
4165-62-2	Phenol-d5	24.96		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.63		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.94		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.73		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.05		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.37		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.56		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.68		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.6		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.6		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.21		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	26.49		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2DL	SDG No.:	BN060524
Lab Sample ID:	P2591-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031782.D	10	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.05		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	28.06		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	33.71		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.05		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	507487	7.681				
1146-65-2	Naphthalene-d8	2165119	10.463				
15067-26-2	Acenaphthene-d10	1271910	14.322				
1517-22-2	Phenanthrene-d10	2131887	17.075				
1719-03-5	Chrysene-d12	1128695	21.316				
1520-96-3	Perylene-d12	1555152	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	1200	JD			13.64	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1800	JD			15.669	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	2700	JD			15.816	
129812-23-3	Naphtho[2,1-b]furan, 1,2-dimethyl-	1200	JD			16.604	
000486-25-9	9H-Fluoren-9-one	6500	JD			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	1500	JD			16.804	
000132-65-0	Dibenzothiophene	4000	JD			16.887	
000260-94-6	Acridine	1500	JD			17.263	
000090-44-8	Anthrone	1800	JD			17.651	
002531-84-2	Phenanthrene, 2-methyl-	5900	JD			17.945	
000832-69-9	Phenanthrene, 1-methyl-	9100	JD			17.992	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	2700	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	9800	JD			18.145	
004505-48-0	1H-Indene, 2-phenyl-	3500	JD			18.18	
004630-20-0	3-Methylcarbazole	860	JD			18.298	
093327-56-1	6-Phenylbenzocyclohepten-7-one	4900	JD			18.451	
000084-65-1	9,10-Anthracenedione	5600	JD			18.498	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ2DL	SDG No.:	BN060524
Lab Sample ID:	P2591-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031782.D	10	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000483-87-4	Phenanthrene, 1,7-dimethyl-	1100	JD			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	4900	JD			18.875	
005737-13-3	Cyclopenta(def)phenanthrenone	6300	JD			19.016	
002381-21-7	Pyrene, 1-methyl-	1600	JD			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	2600	JD			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	2300	JD			20.916	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	1200	JD			20.957	
	unknown-01	2000	JD			21.004	
000082-05-3	7H-Benz[de]anthracen-7-one	2600	JD			21.063	
002498-76-2	Benz[a]anthracene, 2-methyl-	1200	JD			21.98	
	unknown-02	2300	JD			22.974	
000192-97-2	Benzo[e]pyrene	1500	JD			23.563	
000198-55-0	Perylene	4100	JD			23.986	
E966796	Total Alkanes	550	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W0	SDG No.:	BN060524
Lab Sample ID:	P2591-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031783.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.8	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.4	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.8	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.8	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.4	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.4	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.4	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W0	SDG No.:	BN060524
Lab Sample ID:	P2591-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031783.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.4	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.8	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.8	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.4	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.4	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.8	400	ug/Kg
85-01-8	Phenanthrene	200	J	64	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.4	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.4	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.4	210	ug/Kg
206-44-0	Fluoranthene	480		54	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W0	SDG No.:	BN060524
Lab Sample ID:	P2591-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031783.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430		56	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	240		47	51.4	210	ug/Kg
218-01-9	Chrysene	250		56	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	82	J	52	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		58	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	70	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	230		69	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	54	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	56	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.226		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	3.234	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	19.407		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.277		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.529		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.132		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	21.942		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.705		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.978		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.26		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.692		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.389		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.215		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	20.555		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W0	SDG No.:	BN060524
Lab Sample ID:	P2591-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031783.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.2		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	22.716		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.402		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.239		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	557260	7.681				
1146-65-2	Naphthalene-d8	2270478	10.463				
15067-26-2	Acenaphthene-d10	1242003	14.322				
1517-22-2	Phenanthrene-d10	2034507	17.069				
1719-03-5	Chrysene-d12	1580547	21.304				
1520-96-3	Perylene-d12	1904830	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	91	J			11.204	
000057-10-3	n-Hexadecanoic acid	210	J			17.969	
	unknown-01	93	J			18.134	
	(DEL) Alkane: Cyclic20.992	250	J			20.992	
E966796	Total Alkanes	250				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBW3	SDG No.:	BN060524
Lab Sample ID:	P2591-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BN031784.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52	210	ug/Kg
78-59-1	Isophorone	44	U	44	52	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52	210	ug/Kg
91-20-3	Naphthalene	120	J	40	52	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	61	J	23	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	69	J	45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBW3	SDG No.:	BN060524
Lab Sample ID:	P2591-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BN031784.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52	210	ug/Kg
208-96-8	Acenaphthylene	59	J	56	52	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	230		61	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	210		49	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52	210	ug/Kg
86-73-7	Fluorene	240		71	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	400	ug/Kg
85-01-8	Phenanthrene	3400	E	65	52	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52	210	ug/Kg
120-12-7	Anthracene	760		58	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52	210	ug/Kg
86-74-8	Carbazole	490		75	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52	210	ug/Kg
206-44-0	Fluoranthene	5900	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBW3	SDG No.:	BN060524
Lab Sample ID:	P2591-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BN031784.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100	E	56	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	68	J	53	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	2500		48	52	210	ug/Kg
218-01-9	Chrysene	2500		56	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	450		53	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		59	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		71	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		70	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		55	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420		64	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	56	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.642		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	2.527	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	22.822		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.655		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.379		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.189		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.559		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.506		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.376		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.644		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.82		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.282		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.127		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	25.972		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBW3	SDG No.:	BN060524
Lab Sample ID:	P2591-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BN031784.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.297		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	28.093		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.421		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.811		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	469855	7.681				
1146-65-2	Naphthalene-d8	2016012	10.463				
15067-26-2	Acenaphthene-d10	1200444	14.322				
1517-22-2	Phenanthrene-d10	2112676	17.069				
1719-03-5	Chrysene-d12	1198898	21.31				
1520-96-3	Perylene-d12	1465113	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
006344-67-8	9H-Fluoren-3-ol	100	J			15.669	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	140	J			15.81	
000486-25-9	9H-Fluoren-9-one	340	J			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	110	J			16.798	
000233-02-3	Naphtho[2,1-b]thiophene	230	J			16.887	
000605-02-7	Naphthalene, 1-phenyl-	91	J			17.592	
000090-44-8	Anthrone	110	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	430	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	690	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	640	J			18.139	
000613-12-7	Anthracene, 2-methyl-	210	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	300	J			18.451	
000084-65-1	9,10-Anthracenedione	360	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	340	J			19.01	
002381-21-7	Pyrene, 1-methyl-	110	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	160	J			20.739	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBW3	SDG No.:	BN060524
Lab Sample ID:	P2591-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BN031784.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.91	
000195-19-7	Benzo[c]phenanthrene	96	J			20.951	
027208-37-3	Cyclopenta[cd]pyrene	170	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	170	J			21.057	
000192-97-2	Benzo[e]pyrene	340	J			23.551	
000198-55-0	Perylene	420	J			23.974	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S9	SDG No.:	BN060524
Lab Sample ID:	P2591-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031785.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52	210	ug/Kg
78-59-1	Isophorone	44	U	44	52	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52	210	ug/Kg
91-20-3	Naphthalene	560		40	52	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	260		23	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	440		45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S9	SDG No.:	BN060524
Lab Sample ID:	P2591-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031785.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	J	56	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52	210	ug/Kg
208-96-8	Acenaphthylene	160	J	56	52	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	650		61	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	750		49	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52	210	ug/Kg
86-73-7	Fluorene	670		71	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	400	ug/Kg
85-01-8	Phenanthrene	6700	E	65	52	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52	210	ug/Kg
120-12-7	Anthracene	2200		58	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52	210	ug/Kg
86-74-8	Carbazole	1500		75	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52	210	ug/Kg
206-44-0	Fluoranthene	11000	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S9	SDG No.:	BN060524
Lab Sample ID:	P2591-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031785.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9200	E	56	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	85	J	53	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	6400	E	48	52	210	ug/Kg
218-01-9	Chrysene	6600	E	56	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		53	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	6600	E	59	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		71	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	3300		70	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600		55	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		64	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		56	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.97		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	7.856		20-120		20	SPK: -40
4165-62-2	Phenol-d5	20.467		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.892		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.471		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.129		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.42		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.404		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.22		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.731		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.436		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.991		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.02		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.61		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S9	SDG No.:	BN060524
Lab Sample ID:	P2591-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031785.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.448		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	22.817		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	25.516		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.979		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	513881	7.681				
1146-65-2	Naphthalene-d8	2205666	10.463				
15067-26-2	Acenaphthene-d10	1297781	14.322				
1517-22-2	Phenanthrene-d10	2089931	17.074				
1719-03-5	Chrysene-d12	1091952	21.321				
1520-96-3	Perylene-d12	1589377	24.256				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-42-0	Naphthalene, 2,6-dimethyl-	120	J			13.48	
000581-40-8	Naphthalene, 2,3-dimethyl-	240	J			13.639	
000575-37-1	Naphthalene, 1,7-dimethyl-	120	J			13.875	
007320-53-8	Dibenzofuran, 4-methyl-	290	J			15.669	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	450	J			15.816	
	unknown-01	290	J			16.045	
000486-25-9	9H-Fluoren-9-one	1000	J			16.727	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	320	J			16.804	
000132-65-0	Dibenzothiophene	670	J			16.892	
1000404-81-1	pyridine, 4-(2-phenylethynyl)-	240	J			17.263	
000090-44-8	Anthrone	270	J			17.651	
000613-12-7	Anthracene, 2-methyl-	890	J			17.951	
000832-69-9	Phenanthrene, 1-methyl-	1600	J			17.998	
002531-84-2	Phenanthrene, 2-methyl-	420	J			18.074	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1500	J			18.145	
001961-96-2	1H-Indene, 1-phenyl-	480	J			18.18	
000612-94-2	Naphthalene, 2-phenyl-	720	J			18.451	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S9	SDG No.:	BN060524
Lab Sample ID:	P2591-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031785.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	840	J			18.498	
002789-88-0	di-p-Tolylacetylene	170	J			18.751	
003674-66-6	Phenanthrene, 2,5-dimethyl-	500	J			18.874	
005737-13-3	Cyclopenta(def)phenanthrenone	910	J			19.021	
002381-21-7	Pyrene, 1-methyl-	140	J			19.827	
000479-79-8	11H-Benzo[a]fluoren-11-one	210	J			20.751	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	180	J			20.915	
027208-37-3	Cyclopenta[cd]pyrene	160	J			21.004	
000082-05-3	7H-Benz[de]anthracen-7-one	230	J			21.063	
004325-74-0	1,2-Binaphthalene	1400	J			22.98	
000192-97-2	Benzo[e]pyrene	1100	J			23.562	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	390	J			23.751	
000198-55-0	Perylene	1700	J			23.992	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ1	SDG No.:	BN060524
Lab Sample ID:	P2591-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BN031786.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.2	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97.2	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.1	200	ug/Kg
91-20-3	Naphthalene	370		39	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.1	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	170	J	22	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	210		44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ1	SDG No.:	BN060524
Lab Sample ID:	P2591-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BN031786.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	J	54	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.1	200	ug/Kg
208-96-8	Acenaphthylene	110	J	54	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.2	390	ug/Kg
83-32-9	Acenaphthene	520		59	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.2	390	ug/Kg
132-64-9	Dibenzofuran	580		47	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.1	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.1	200	ug/Kg
86-73-7	Fluorene	470		68	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.2	390	ug/Kg
85-01-8	Phenanthrene	5700	E	62	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50.1	200	ug/Kg
120-12-7	Anthracene	1500		55	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.1	200	ug/Kg
86-74-8	Carbazole	1200		72	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.1	200	ug/Kg
206-44-0	Fluoranthene	9200	E	53	97.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ1	SDG No.:	BN060524
Lab Sample ID:	P2591-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BN031786.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7600	E	54	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	51	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	5000	E	46	50.1	200	ug/Kg
218-01-9	Chrysene	5200	E	54	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		51	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	5500	E	57	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		68	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	2600		67	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		53	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		61	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		54	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.41		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	4.981	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	22.421		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.869		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.393		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.599		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.531		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.434		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.857		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.581		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.705		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.824		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.469		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.628		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ1	SDG No.:	BN060524
Lab Sample ID:	P2591-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BN031786.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.948		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	23.578		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	27.199		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.607		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	525475	7.681				
1146-65-2	Naphthalene-d8	2273597	10.463				
15067-26-2	Acenaphthene-d10	1334288	14.322				
1517-22-2	Phenanthrene-d10	2279981	17.075				
1719-03-5	Chrysene-d12	1201080	21.316				
1520-96-3	Perylene-d12	1633312	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
006344-67-8	9H-Fluoren-3-ol	230	J			15.663	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	380	J			15.81	
002235-15-6	1(2H)-Acenaphthylenone	160	J			16.046	
020628-06-2	4,5-Dimethoxy-2-hydroxyacetophenon	170	J			16.604	
000486-25-9	9H-Fluoren-9-one	1000	J			16.728	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	250	J			16.804	
000132-65-0	Dibenzothiophene	550	J			16.887	
000260-94-6	Acridine	170	J			17.263	
000605-02-7	Naphthalene, 1-phenyl-	220	J			17.592	
000090-44-8	Anthrone	290	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	930	J			17.945	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	1400	J			17.992	
000832-64-4	Phenanthrene, 4-methyl-	320	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J			18.14	
004505-48-0	1H-Indene, 2-phenyl-	480	J			18.181	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	690	J			18.451	
000084-65-1	9,10-Anthracenedione	1000	J			18.498	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ1	SDG No.:	BN060524
Lab Sample ID:	P2591-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BN031786.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001576-67-6	Phenanthrene, 3,6-dimethyl-	170	J			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.787	
000483-87-4	Phenanthrene, 1,7-dimethyl-	600	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	870	J			19.016	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	220	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	150	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	220	J			21.063	
000604-53-5	1,1-Binaphthalene	1000	J			22.974	
000192-97-2	Benzo[e]pyrene	830	J			23.563	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	370	J			23.751	
	unknown-01	990	J			23.986	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ3	SDG No.:	BN060524
Lab Sample ID:	P2591-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031787.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	95.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.2	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.2	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49	200	ug/Kg
78-59-1	Isophorone	42	U	42	49	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49	200	ug/Kg
91-20-3	Naphthalene	130	J	38	49	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	63	J	22	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	73	J	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ3	SDG No.:	BN060524
Lab Sample ID:	P2591-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031787.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49	200	ug/Kg
208-96-8	Acenaphthylene	62	J	53	49	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.2	380	ug/Kg
83-32-9	Acenaphthene	220		58	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.2	380	ug/Kg
132-64-9	Dibenzofuran	230		46	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49	200	ug/Kg
86-73-7	Fluorene	250		67	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.2	380	ug/Kg
85-01-8	Phenanthrene	3300	E	61	49	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49	200	ug/Kg
120-12-7	Anthracene	790		54	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49	200	ug/Kg
86-74-8	Carbazole	510		70	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49	200	ug/Kg
206-44-0	Fluoranthene	5900	E	52	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ3	SDG No.:	BN060524
Lab Sample ID:	P2591-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031787.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	E	53	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	2800		45	49	200	ug/Kg
218-01-9	Chrysene	2700		53	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	50	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	E	55	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		67	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		66	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		52	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510		60	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		53	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.584		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	4.511	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	23.546		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.236		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.411		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.539		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.377		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.787		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.928		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.866		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.152		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.741		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.212		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	25.776		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ3	SDG No.:	BN060524
Lab Sample ID:	P2591-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031787.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.405		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	27.784		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	30.575		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.288		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	514288	7.681				
1146-65-2	Naphthalene-d8	2201785	10.463				
15067-26-2	Acenaphthene-d10	1278991	14.322				
1517-22-2	Phenanthrene-d10	2206591	17.075				
1719-03-5	Chrysene-d12	1304635	21.31				
1520-96-3	Perylene-d12	1569356	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	85	J			11.204	
000481-39-0	Juglone	170	J			14.581	
007320-53-8	Dibenzofuran, 4-methyl-	100	J			15.663	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	150	J			15.816	
000486-25-9	9H-Fluoren-9-one	360	J			16.728	
000830-79-5	2,4,6-Trimethoxybenzaldehyde	100	J			16.798	
000132-65-0	Dibenzothiophene	230	J			16.887	
000605-02-7	Naphthalene, 1-phenyl-	91	J			17.592	
000090-44-8	Anthrone	120	J			17.651	
000613-12-7	Anthracene, 2-methyl-	410	J			17.945	
002531-84-2	Phenanthrene, 2-methyl-	710	J			17.992	
000832-69-9	Phenanthrene, 1-methyl-	170	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	670	J			18.139	
000832-64-4	Phenanthrene, 4-methyl-	210	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	310	J			18.451	
000084-65-1	9,10-Anthracenedione	340	J			18.492	
000483-87-4	Phenanthrene, 1,7-dimethyl-	83	J			18.745	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ3	SDG No.:	BN060524
Lab Sample ID:	P2591-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031787.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	88	J			18.786	
003674-65-5	Phenanthrene, 2,3-dimethyl-	240	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	420	J			19.01	
002381-21-7	Pyrene, 1-methyl-	140	J			19.828	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	190	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	170	J			20.91	
000195-19-7	Benzo[c]phenanthrene	95	J			20.951	
027208-37-3	Cyclopenta[cd]pyrene	160	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	190	J			21.057	
001705-84-6	Triphenylene, 2-methyl-	82	J			21.98	
000192-97-2	Benzo[e]pyrene	510	J			23.551	
000198-55-0	Perylene	800	J			23.974	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ4	SDG No.:	BN060524
Lab Sample ID:	P2591-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031788.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93.7	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.7	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.7	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.7	370	ug/Kg
106-44-5	4-Methylphenol	47	U	47	93.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.2	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.2	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.2	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.2	190	ug/Kg
91-20-3	Naphthalene	330		37	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.2	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	22	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	93.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ4	SDG No.:	BN060524
Lab Sample ID:	P2591-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031788.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.2	190	ug/Kg
208-96-8	Acenaphthylene	55	J	52	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.7	370	ug/Kg
83-32-9	Acenaphthene	250		57	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.7	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.7	370	ug/Kg
132-64-9	Dibenzofuran	340		45	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.2	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.2	190	ug/Kg
86-73-7	Fluorene	270		66	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.7	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.7	370	ug/Kg
85-01-8	Phenanthrene	3900	E	60	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.2	190	ug/Kg
120-12-7	Anthracene	930		53	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.2	190	ug/Kg
86-74-8	Carbazole	690		69	93.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.2	190	ug/Kg
206-44-0	Fluoranthene	6000	E	51	93.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ4	SDG No.:	BN060524
Lab Sample ID:	P2591-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031788.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4600	E	52	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	2800		44	48.2	190	ug/Kg
218-01-9	Chrysene	2800		52	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	J	49	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	3100	E	54	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		66	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	1500		65	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460		59	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		52	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.195		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	13.08		20-120		33	SPK: -40
4165-62-2	Phenol-d5	27.822		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.727		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.83		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.465		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.082		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.582		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.668		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.356		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.611		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.779		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.477		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.786		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ4	SDG No.:	BN060524
Lab Sample ID:	P2591-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031788.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.09		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	30.079		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	33.609		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.834		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	536717	7.681				
1146-65-2	Naphthalene-d8	2288921	10.463				
15067-26-2	Acenaphthene-d10	1347072	14.322				
1517-22-2	Phenanthrene-d10	2237672	17.069				
1719-03-5	Chrysene-d12	1307711	21.31				
1520-96-3	Perylene-d12	1646695	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.699	
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.204	
000581-40-8	Naphthalene, 2,3-dimethyl-	94	J			13.64	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	140	J			15.663	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	220	J			15.816	
000486-25-9	9H-Fluoren-9-one	550	J			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	120	J			16.804	
000132-65-0	Dibenzothiophene	300	J			16.887	
000230-27-3	Benzo[h]quinoline	97	J			17.257	
000605-02-7	Naphthalene, 1-phenyl-	100	J			17.592	
000090-44-8	Anthrone	150	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	510	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	810	J			17.992	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	190	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	700	J			18.139	
000779-02-2	Anthracene, 9-methyl-	240	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	350	J			18.451	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ4	SDG No.:	BN060524
Lab Sample ID:	P2591-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031788.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	430	J			18.492	
001576-67-6	Phenanthrene, 3,6-dimethyl-	94	J			18.787	
003674-65-5	Phenanthrene, 2,3-dimethyl-	320	J			18.875	
005737-13-3	Cyclopenta(def)phenanthrenone	460	J			19.016	
002381-21-7	Pyrene, 1-methyl-	110	J			19.822	
033543-31-6	Fluoranthene, 2-methyl-	100	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			20.745	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	130	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	140	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	170	J			21.057	
066788-01-0	Benzo(e)pyrene, 9,10-dihydro-	500	J			22.957	
000192-97-2	Benzo[e]pyrene	430	J			23.557	
	unknown-02	640	J			23.98	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ5	SDG No.:	BN060524
Lab Sample ID:	P2591-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.5
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
BN031789.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	74	ug/Kg
100-52-7	Benzaldehyde	53	U	53	91.9	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.9	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47.3	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.9	370	ug/Kg
98-86-2	Acetophenone	66	U	66	91.9	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	91.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.3	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.3	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.3	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.3	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.3	190	ug/Kg
91-20-3	Naphthalene	150	J	37	47.3	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.3	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.3	190	ug/Kg
105-60-2	Caprolactam	45	U	45	91.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	62	J	21	47.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	73	J	41	47.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ5	SDG No.:	BN060524
Lab Sample ID:	P2591-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.5
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
BN031789.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.3	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.3	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.3	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.3	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	91.9	370	ug/Kg
83-32-9	Acenaphthene	200		56	47.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	91.9	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.9	370	ug/Kg
132-64-9	Dibenzofuran	220		45	47.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.3	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.3	190	ug/Kg
86-73-7	Fluorene	190		65	47.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.3	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.3	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.3	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.9	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.9	370	ug/Kg
85-01-8	Phenanthrene	2800		59	47.3	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.3	190	ug/Kg
120-12-7	Anthracene	620		52	47.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.3	190	ug/Kg
86-74-8	Carbazole	470		68	91.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47.3	190	ug/Kg
206-44-0	Fluoranthene	4700	E	50	91.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ5	SDG No.:	BN060524
Lab Sample ID:	P2591-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031789.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	E	51	47.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	1900		43	47.3	190	ug/Kg
218-01-9	Chrysene	1900		51	47.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	J	48	47.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		53	47.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		65	47.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1000		63	47.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	760		50	47.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310		58	47.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	51	47.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.263		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	14.418		20-120		36	SPK: -40
4165-62-2	Phenol-d5	27.947		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.762		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.118		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.769		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.276		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.506		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.168		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.384		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.057		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.27		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.249		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	28.503		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ5	SDG No.:	BN060524
Lab Sample ID:	P2591-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.5
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
BN031789.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.61		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	30.255		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	35.436		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.296		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	502284	7.681				
1146-65-2	Naphthalene-d8	2153109	10.463				
15067-26-2	Acenaphthene-d10	1260092	14.322				
1517-22-2	Phenanthrene-d10	2233627	17.069				
1719-03-5	Chrysene-d12	1272379	21.304				
1520-96-3	Perylene-d12	1537336	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	94	J			11.204	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	88	J			15.669	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	120	J			15.81	
000486-25-9	9H-Fluoren-9-one	330	J			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	77	J			16.798	
000132-65-0	Dibenzothiophene	190	J			16.887	
000090-44-8	Anthrone	93	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	340	J			17.945	
000613-12-7	Anthracene, 2-methyl-	530	J			17.992	
000832-64-4	Phenanthrene, 4-methyl-	120	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	470	J			18.14	
000832-69-9	Phenanthrene, 1-methyl-	150	J			18.175	
093327-56-1	6-Phenylbenzocyclohepten-7-one	230	J			18.451	
000084-65-1	9,10-Anthracenedione	280	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	280	J			19.01	
002381-21-7	Pyrene, 1-methyl-	100	J			19.822	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ5	SDG No.:	BN060524
Lab Sample ID:	P2591-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.5
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
BN031789.D	1	5/30/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	96	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	130	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	150	J			21.057	
000192-97-2	Benzo[e]pyrene	390	J			23.551	
	unknown-01	380	J			23.974	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ6	SDG No.:	BN060524
Lab Sample ID:	P2591-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031790.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.9	100	ug/Kg
100-52-7	Benzaldehyde	72	U	72	120	490	ug/Kg
110-86-1	Pyridine	18	U	18	250	490	ug/Kg
108-95-2	Phenol	67	U	67	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	120	490	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	63.6	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	120	490	ug/Kg
98-86-2	Acetophenone	88	U	88	120	490	ug/Kg
106-44-5	4-Methylphenol	61	U	61	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	63.6	250	ug/Kg
67-72-1	Hexachloroethane	24	U	24	63.6	250	ug/Kg
98-95-3	Nitrobenzene	40	U	40	63.6	250	ug/Kg
78-59-1	Isophorone	54	U	54	63.6	250	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	63.6	250	ug/Kg
105-67-9	2,4-Dimethylphenol	13	U	13	63.6	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	63.6	250	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	63.6	250	ug/Kg
91-20-3	Naphthalene	120	J	49	63.6	250	ug/Kg
106-47-8	4-Chloroaniline	66	U	66	63.6	490	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	63.6	250	ug/Kg
105-60-2	Caprolactam	60	U	60	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	63.6	250	ug/Kg
90-12-0	1-Methylnaphthalene	66	J	28	63.6	250	ug/Kg
91-57-6	2-Methylnaphthalene	71	J	55	63.6	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	28	U	28	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	63.6	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	63.6	250	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ6	SDG No.:	BN060524
Lab Sample ID:	P2591-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031790.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	69	U	69	63.6	250	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	63.6	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.6	250	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	63.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	63.6	250	ug/Kg
208-96-8	Acenaphthylene	69	U	69	63.6	250	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	120	490	ug/Kg
83-32-9	Acenaphthene	220	J	75	63.6	250	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	120	490	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	490	ug/Kg
132-64-9	Dibenzofuran	230	J	60	63.6	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	19	U	19	63.6	250	ug/Kg
84-66-2	Diethylphthalate	61	U	61	63.6	250	ug/Kg
86-73-7	Fluorene	260		87	63.6	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72	U	72	63.6	250	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	67	63.6	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	63.6	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	63.6	250	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	63.6	250	ug/Kg
1912-24-9	Atrazine	16	U	16	120	490	ug/Kg
87-86-5	Pentachlorophenol	57	U	57	120	490	ug/Kg
85-01-8	Phenanthrene	3500		79	63.6	250	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	63.6	250	ug/Kg
120-12-7	Anthracene	790		70	63.6	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.4	U	8.4	63.6	250	ug/Kg
86-74-8	Carbazole	540		91	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	85	63.6	250	ug/Kg
206-44-0	Fluoranthene	5800	E	67	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ6	SDG No.:	BN060524
Lab Sample ID:	P2591-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031790.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4000	E	69	63.6	250	ug/Kg
85-68-7	Butylbenzylphthalate	75	J	64	63.6	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	37	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	2400		58	63.6	250	ug/Kg
218-01-9	Chrysene	2400		69	63.6	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		64	63.6	250	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		72	63.6	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		87	63.6	250	ug/Kg
50-32-8	Benzo(a)pyrene	1200		85	63.6	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		67	63.6	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410		78	63.6	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	69	63.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	63.6	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.914		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	13.906		20-120		35	SPK: -40
4165-62-2	Phenol-d5	26.334		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.026		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.167		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.996		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.949		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.066		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.091		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.368		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.755		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.663		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.781		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	28.288		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ6	SDG No.:	BN060524
Lab Sample ID:	P2591-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031790.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.796		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	30.111		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	32.781		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.891		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	551847	7.681				
1146-65-2	Naphthalene-d8	2323977	10.463				
15067-26-2	Acenaphthene-d10	1376488	14.322				
1517-22-2	Phenanthrene-d10	2399391	17.069				
1719-03-5	Chrysene-d12	1389830	21.304				
1520-96-3	Perylene-d12	1669564	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.204	
007320-53-8	Dibenzofuran, 4-methyl-	130	J			15.663	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	150	J			15.81	
	(DEL) Alkane: Straight-Chain16.039	130	J			16.039	
000544-63-8	Tetradecanoic acid	190	J			16.481	
000486-25-9	9H-Fluoren-9-one	380	J			16.728	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	120	J			16.798	
000132-65-0	Dibenzothiophene	230	J			16.886	
000229-87-8	Phenanthridine	120	J			17.257	
000605-02-7	Naphthalene, 1-phenyl-	100	J			17.592	
000090-44-8	Anthrone	120	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	440	J			17.945	
000057-10-3	n-Hexadecanoic acid	1300	J			17.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	630	J			18.139	
000610-48-0	Anthracene, 1-methyl-	230	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	400	J			18.445	
000084-65-1	9,10-Anthracenedione	360	J			18.492	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ6	SDG No.:	BN060524
Lab Sample ID:	P2591-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031790.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	18.833					
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			18.833	
005737-13-3	Cyclopenta(def)phenanthrenone	380	J			18.869	
000057-11-4	Octadecanoic acid	110	J			19.01	
002381-21-7	Pyrene, 1-methyl-	140	J			19.257	
033543-31-6	Fluoranthene, 2-methyl-	130	J			19.822	
000479-79-8	11H-Benzo[a]fluoren-11-one	210	J			20.145	
080252-14-8	6H-Benz[de]anthracen-6-one	170	J			20.739	
	unknown-01	240	J			20.904	
000082-05-3	7H-Benz[de]anthracen-7-one	210	J			20.986	
002541-69-7	Benz[a]anthracene, 7-methyl-	110	J			21.051	
000192-97-2	Benzo[e]pyrene	360	J			22.045	
1000305-59-5	3,4-Dimethyl-2,5-diprop-2-enyl-2,5	6400	J			23.974	
E966796	Total Alkanes	240				27.515	
						99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ7	SDG No.:	BN060524
Lab Sample ID:	P2591-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031791.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52.2	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.2	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.2	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.2	210	ug/Kg
91-20-3	Naphthalene	360		41	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.2	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	23	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	170	J	45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ7	SDG No.:	BN060524
Lab Sample ID:	P2591-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031791.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	J	57	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.2	210	ug/Kg
208-96-8	Acenaphthylene	89	J	57	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	550		61	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	570		49	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.2	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52.2	210	ug/Kg
86-73-7	Fluorene	530		71	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	6100	E	65	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.2	210	ug/Kg
120-12-7	Anthracene	1600		58	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.2	210	ug/Kg
86-74-8	Carbazole	1100		75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.2	210	ug/Kg
206-44-0	Fluoranthene	9300	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ7	SDG No.:	BN060524
Lab Sample ID:	P2591-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031791.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6800	E	57	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	53	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4600	E	48	52.2	210	ug/Kg
218-01-9	Chrysene	4700	E	57	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590		53	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4700	E	59	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		71	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		70	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		55	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	730		64	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		57	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.472		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	11.909		20-120		30	SPK: -40
4165-62-2	Phenol-d5	29.224		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.188		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.486		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.046		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.168		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.764		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.728		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.041		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.552		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.923		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.406		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	28.962		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ7	SDG No.:	BN060524
Lab Sample ID:	P2591-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031791.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.816		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	31.131		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	33.111		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.357		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	483994	7.681				
1146-65-2	Naphthalene-d8	2103899	10.463				
15067-26-2	Acenaphthene-d10	1229581	14.322				
1517-22-2	Phenanthrene-d10	2113606	17.075				
1719-03-5	Chrysene-d12	1168967	21.31				
1520-96-3	Perylene-d12	1517396	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	220	J			15.663	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	340	J			15.81	
000486-25-9	9H-Fluoren-9-one	860	J			16.728	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	210	J			16.804	
000132-65-0	Dibenzothiophene	540	J			16.887	
000260-94-6	Acridine	170	J			17.263	
000605-02-7	Naphthalene, 1-phenyl-	200	J			17.592	
000090-44-8	Anthrone	250	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	890	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	1400	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J			18.14	
000779-02-2	Anthracene, 9-methyl-	440	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	650	J			18.451	
000084-65-1	9,10-Anthracenedione	750	J			18.498	
001576-67-6	Phenanthrene, 3,6-dimethyl-	160	J			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.787	
003674-65-5	Phenanthrene, 2,3-dimethyl-	500	J			18.869	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BHBQ7	SDG No.:	BN060524
Lab Sample ID:	P2591-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031791.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	190	J			18.928	
005737-13-3	Cyclopenta(def)phenanthrenone	690	J			19.016	
002381-21-7	Pyrene, 1-methyl-	150	J			19.828	
	unknown-02	350	J			20.104	
033543-31-6	Fluoranthene, 2-methyl-	590	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	170	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	180	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	220	J			21.057	
117054-70-3	2,6-(Etheno[1,4]benzenoetheno)naph	920	J			22.969	
000192-97-2	Benzo[e]pyrene	730	J			23.557	
037574-47-3	Benzo(a)pyrene 4,5-oxide	300	J			23.745	
000198-55-0	Perylene	1000	J			23.986	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8	SDG No.:	BN060524
Lab Sample ID:	P2591-05	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
BN031792.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	75	J	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	74	U	74	100	410	ug/Kg
106-44-5	4-Methylphenol	110	J	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.9	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.9	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	52.9	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	59	J	11	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.9	210	ug/Kg
91-20-3	Naphthalene	1900		41	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.9	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	750		24	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	1000		46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8	SDG No.:	BN060524
Lab Sample ID:	P2591-05	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
BN031792.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	330		57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	320		57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	2300		62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	2600		50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.9	210	ug/Kg
86-73-7	Fluorene	2600		72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	12000	E	66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.9	210	ug/Kg
120-12-7	Anthracene	5500	E	59	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	52.9	210	ug/Kg
86-74-8	Carbazole	4500		76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.9	210	ug/Kg
206-44-0	Fluoranthene	23000	E	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8	SDG No.:	BN060524
Lab Sample ID:	P2591-05	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
BN031792.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18000	E	57	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	54	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	17000	E	49	52.9	210	ug/Kg
218-01-9	Chrysene	17000	E	57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		54	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	12000	E	60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	5600	E	72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	7000	E	71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6000	E	56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2600		65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.795		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	9.605		20-120		24	SPK: -40
4165-62-2	Phenol-d5	22.064		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.989		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.696		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.277		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.849		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.964		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.198		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.531		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.613		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.365		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.985		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.591		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8	SDG No.:	BN060524
Lab Sample ID:	P2591-05	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
BN031792.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.904		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	23.032		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	30.46		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.168		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	564712	7.681				
1146-65-2	Naphthalene-d8	2435104	10.463				
15067-26-2	Acenaphthene-d10	1377937	14.322				
1517-22-2	Phenanthrene-d10	2060740	17.081				
1719-03-5	Chrysene-d12	870251	21.339				
1520-96-3	Perylene-d12	1818874	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	530	J			13.64	
000575-43-9	Naphthalene, 1,6-dimethyl-	260	J			13.881	
000101-81-5	Diphenylmethane	310	J			15.534	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	770	J			15.669	
000486-25-9	9H-Fluoren-9-one	170	J			16.74	
000132-65-0	Dibenzothiophene	120	J			16.892	
002531-84-2	Phenanthrene, 2-methyl-	170	J			17.951	
000832-69-9	Phenanthrene, 1-methyl-	230	J			18.004	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.151	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.457	
000084-65-1	9,10-Anthracenedione	140	J			18.51	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			19.039	
139312-39-3	1,8-Anthracenediamine	130	J			19.386	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	110	J			19.686	
000206-56-4	Indeno(1,2,3-ij)isoquinoline	120	J			19.757	
002381-21-7	Pyrene, 1-methyl-	200	J			19.839	
033543-31-6	Fluoranthene, 2-methyl-	150	J			19.969	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8	SDG No.:	BN060524
Lab Sample ID:	P2591-05	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
BN031792.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	110	J			20.004	
003353-12-6	Pyrene, 4-methyl-	170	J			20.163	
000479-79-8	11H-Benzo[a]fluoren-11-one	250	J			20.763	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	230	J			20.922	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	140	J			20.963	
027208-37-3	Cyclopenta[cd]pyrene	190	J			21.01	
000082-05-3	7H-Benz[de]anthracen-7-one	270	J			21.081	
002498-76-2	Benz[a]anthracene, 2-methyl-	190	J			21.998	
000604-53-5	1,1-Binaphthalene	5700	J			23.004	
000192-97-2	Benzo[e]pyrene	5000	J			23.598	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	2000	J			23.769	
000198-55-0	Perylene	9100	J			24.022	
000205-82-3	Benzo[j]fluoranthene	4400	J			24.357	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN060524
Lab Sample ID:	PB161200BS	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
BN031793.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1400		48	82.5	330	ug/Kg
110-86-1	Pyridine	1100		12	170	330	ug/Kg
108-95-2	Phenol	1200		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	890		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		27	42.5	170	ug/Kg
78-59-1	Isophorone	1000		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		34	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	J	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN060524
Lab Sample ID:	PB161200BS	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
BN031793.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	750		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		41	42.5	170	ug/Kg
86-73-7	Fluorene	1100		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1400		36	42.5	170	ug/Kg
120-12-7	Anthracene	1200		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1200		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1500		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN060524
Lab Sample ID:	PB161200BS	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
BN031793.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52	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	33.632		20-120		84	SPK: -40
4165-62-2	Phenol-d5	38.226		10-130		96	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.128		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.533		15-120		99	SPK: -40
190780-66-6	4-Methylphenol-d8	37.508		10-140		94	SPK: -40
4165-60-0	Nitrobenzene-d5	38.836		10-135		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.567		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.53		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.962		1-145		90	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.646		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	37.116		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.689		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	35.523		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN060524
Lab Sample ID:	PB161200BS	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
BN031793.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.809		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	37.833		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	44.04		10-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.091		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	469938	7.681				
1146-65-2	Naphthalene-d8	2075589	10.463				
15067-26-2	Acenaphthene-d10	1205516	14.322				
1517-22-2	Phenanthrene-d10	2106895	17.075				
1719-03-5	Chrysene-d12	1292568	21.304				
1520-96-3	Perylene-d12	1524621	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5W0								
P2591-01	BH5W0	Solid	(DEL) Alkane: Cyclic20.992	*	250.000	J		
P2591-01	BH5W0	Solid	1-Phenoxypropan-2-ol	*	91.000	J		
P2591-01	BH5W0	Solid	n-Hexadecanoic acid	*	210.000	J		
P2591-01	BH5W0	Solid	unknown-01	*	93.000	J		
P2591-01	BH5W0	Solid	Total Alkanes	*	250.000	56	210	ug/Kg
Total Tics :					894.00			
P2591-01	BH5W0	Solid	Benzo(a)anthracene		240.000	47	210	ug/Kg
P2591-01	BH5W0	Solid	Benzo(a)pyrene		230.000	69	210	ug/Kg
P2591-01	BH5W0	Solid	Benzo(b)fluoranthene		320.000	58	210	ug/Kg
P2591-01	BH5W0	Solid	Benzo(g,h,i)perylene		170.000	J 56	210	ug/Kg
P2591-01	BH5W0	Solid	Benzo(k)fluoranthene		83.000	J 70	210	ug/Kg
P2591-01	BH5W0	Solid	Bis(2-ethylhexyl)phthalate		82.000	J 52	210	ug/Kg
P2591-01	BH5W0	Solid	Chrysene		250.000	56	210	ug/Kg
P2591-01	BH5W0	Solid	Fluoranthene		480.000	54	210	ug/Kg
P2591-01	BH5W0	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 54	210	ug/Kg
P2591-01	BH5W0	Solid	Phenanthrene		200.000	J 64	210	ug/Kg
P2591-01	BH5W0	Solid	Pyrene		430.000	56	210	ug/Kg
Total Svoc :					2,625.00			
Total Concentration:					3,519.00			
Client ID : BH5S8								
P2591-05	BH5S8	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	770.000	J		
P2591-05	BH5S8	Solid	1,1-Binaphthalene	*	5,700.000	J		
P2591-05	BH5S8	Solid	1,8-Anthracenediamine	*	130.000	J		
P2591-05	BH5S8	Solid	11H-Benzo[a]fluoren-11-one	*	250.000	J		
P2591-05	BH5S8	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2591-05	BH5S8	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P2591-05	BH5S8	Solid	7H-Benz[de]anthracen-7-one	*	270.000	J		
P2591-05	BH5S8	Solid	9,10-Anthracenedione	*	140.000	J		
P2591-05	BH5S8	Solid	9H-Fluoren-9-one	*	170.000	J		
P2591-05	BH5S8	Solid	Benz[a]anthracene, 2-methyl-	*	190.000	J		
P2591-05	BH5S8	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	230.000	J		
P2591-05	BH5S8	Solid	Benzo[b]naphtho[2,3-d]furan	*	110.000	J		
P2591-05	BH5S8	Solid	Benzo[e]pyrene	*	5,000.000	J		
P2591-05	BH5S8	Solid	Benzo[j]fluoranthene	*	4,400.000	J		
P2591-05	BH5S8	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	140.000	J		
P2591-05	BH5S8	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2591-05	BH5S8	Solid	Cyclopenta[cd]pyrene	*	190.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-05	BH5S8	Solid	Dibenzothiophene	*	120.000	J		
P2591-05	BH5S8	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	2,000.000	J		
P2591-05	BH5S8	Solid	Diphenylmethane	*	310.000	J		
P2591-05	BH5S8	Solid	Fluoranthene, 2-methyl-	*	150.000	J		
P2591-05	BH5S8	Solid	Indeno(1,2,3-ij)isoquinoline	*	120.000	J		
P2591-05	BH5S8	Solid	Naphthalene, 1,6-dimethyl-	*	260.000	J		
P2591-05	BH5S8	Solid	Naphthalene, 2,3-dimethyl-	*	530.000	J		
P2591-05	BH5S8	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P2591-05	BH5S8	Solid	Perylene	*	9,100.000	J		
P2591-05	BH5S8	Solid	Phenanthrene, 1-methyl-	*	230.000	J		
P2591-05	BH5S8	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
P2591-05	BH5S8	Solid	Pyrene, 1-methyl-	*	200.000	J		
P2591-05	BH5S8	Solid	Pyrene, 4-methyl-	*	170.000	J		
P2591-05	BH5S8	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				31,660.00				
P2591-05	BH5S8	Solid	1,1-Biphenyl		330.000	57	210	ug/Kg
P2591-05	BH5S8	Solid	1-Methylnaphthalene		750.000	24	210	ug/Kg
P2591-05	BH5S8	Solid	2,4-Dimethylphenol		59.000	J 11	210	ug/Kg
P2591-05	BH5S8	Solid	2-Methylnaphthalene		1,000.000	46	210	ug/Kg
P2591-05	BH5S8	Solid	4-Methylphenol		110.000	J 51	410	ug/Kg
P2591-05	BH5S8	Solid	Acenaphthene		2,300.000	62	210	ug/Kg
P2591-05	BH5S8	Solid	Acenaphthylene		320.000	57	210	ug/Kg
P2591-05	BH5S8	Solid	Anthracene		5,500.000	E 59	210	ug/Kg
P2591-05	BH5S8	Solid	Benzo(a)anthracene		17,000.000	E 49	210	ug/Kg
P2591-05	BH5S8	Solid	Benzo(a)pyrene		7,000.000	E 71	210	ug/Kg
P2591-05	BH5S8	Solid	Benzo(b)fluoranthene		12,000.000	E 60	210	ug/Kg
P2591-05	BH5S8	Solid	Benzo(g,h,i)perylene		930.000	57	210	ug/Kg
P2591-05	BH5S8	Solid	Benzo(k)fluoranthene		5,600.000	E 72	210	ug/Kg
P2591-05	BH5S8	Solid	Bis(2-ethylhexyl)phthalate		1,000.000	54	210	ug/Kg
P2591-05	BH5S8	Solid	Butylbenzylphthalate		100.000	J 54	210	ug/Kg
P2591-05	BH5S8	Solid	Carbazole		4,500.000	76	410	ug/Kg
P2591-05	BH5S8	Solid	Chrysene		17,000.000	E 57	210	ug/Kg
P2591-05	BH5S8	Solid	Dibenzo(a,h)anthracene		2,600.000	65	210	ug/Kg
P2591-05	BH5S8	Solid	Dibenzofuran		2,600.000	50	210	ug/Kg
P2591-05	BH5S8	Solid	Fluoranthene		23,000.000	E 56	210	ug/Kg
P2591-05	BH5S8	Solid	Fluorene		2,600.000	72	210	ug/Kg
P2591-05	BH5S8	Solid	Indeno(1,2,3-cd)pyrene		6,000.000	E 56	210	ug/Kg
P2591-05	BH5S8	Solid	Naphthalene		1,900.000	41	210	ug/Kg
P2591-05	BH5S8	Solid	Phenanthrene		12,000.000	E 66	210	ug/Kg
P2591-05	BH5S8	Solid	Phenol		75.000	J 56	410	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-05	BH5S8	Solid	Pyrene	18,000.000	E	57	210	ug/Kg
Total Svoc :				144,274.00				
Total Concentration:				175,934.00				
Client ID : BH5S9								
P2591-06	BH5S9	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	450.000	J		
P2591-06	BH5S9	Solid	1,2-Binaphthalene	*	1,400.000	J		
P2591-06	BH5S9	Solid	11H-Benzo[a]fluoren-11-one	*	210.000	J		
P2591-06	BH5S9	Solid	1H-Indene, 1-phenyl-	*	480.000	J		
P2591-06	BH5S9	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	320.000	J		
P2591-06	BH5S9	Solid	4H-Cyclopenta[def]phenanthrene	*	1,500.000	J		
P2591-06	BH5S9	Solid	7H-Benz[de]anthracen-7-one	*	230.000	J		
P2591-06	BH5S9	Solid	9,10-Anthracenedione	*	840.000	J		
P2591-06	BH5S9	Solid	9H-Fluoren-9-one	*	1,000.000	J		
P2591-06	BH5S9	Solid	Anthracene, 2-methyl-	*	890.000	J		
P2591-06	BH5S9	Solid	Anthrone	*	270.000	J		
P2591-06	BH5S9	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	180.000	J		
P2591-06	BH5S9	Solid	Benzo[e]pyrene	*	1,100.000	J		
P2591-06	BH5S9	Solid	Cyclopenta(def)phenanthrenone	*	910.000	J		
P2591-06	BH5S9	Solid	Cyclopenta[cd]pyrene	*	160.000	J		
P2591-06	BH5S9	Solid	di-p-Tolylacetylene	*	170.000	J		
P2591-06	BH5S9	Solid	Dibenzofuran, 4-methyl-	*	290.000	J		
P2591-06	BH5S9	Solid	Dibenzothiophene	*	670.000	J		
P2591-06	BH5S9	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	390.000	J		
P2591-06	BH5S9	Solid	Naphthalene, 1,7-dimethyl-	*	120.000	J		
P2591-06	BH5S9	Solid	Naphthalene, 2,3-dimethyl-	*	240.000	J		
P2591-06	BH5S9	Solid	Naphthalene, 2,6-dimethyl-	*	120.000	J		
P2591-06	BH5S9	Solid	Naphthalene, 2-phenyl-	*	720.000	J		
P2591-06	BH5S9	Solid	Perylene	*	1,700.000	J		
P2591-06	BH5S9	Solid	Phenanthrene, 1-methyl-	*	1,600.000	J		
P2591-06	BH5S9	Solid	Phenanthrene, 2,5-dimethyl-	*	500.000	J		
P2591-06	BH5S9	Solid	Phenanthrene, 2-methyl-	*	420.000	J		
P2591-06	BH5S9	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2591-06	BH5S9	Solid	pyridine, 4-(2-phenylethynyl)-	*	240.000	J		
P2591-06	BH5S9	Solid	unknown-01	*	290.000	J		
P2591-06	BH5S9	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				17,550.00				
P2591-06	BH5S9	Solid	1,1-Biphenyl		100.000	J	56	ug/Kg
P2591-06	BH5S9	Solid	1-Methylnaphthalene		260.000		23	ug/Kg
P2591-06	BH5S9	Solid	2-Methylnaphthalene		440.000		45	ug/Kg
P2591-06	BH5S9	Solid	Acenaphthene		650.000		61	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-06	BH5S9	Solid	Acenaphthylene	160.000	J	56	210	ug/Kg
P2591-06	BH5S9	Solid	Anthracene	2,200.000		58	210	ug/Kg
P2591-06	BH5S9	Solid	Benzo(a)anthracene	6,400.000	E	48	210	ug/Kg
P2591-06	BH5S9	Solid	Benzo(a)pyrene	3,300.000		70	210	ug/Kg
P2591-06	BH5S9	Solid	Benzo(b)fluoranthene	6,600.000	E	59	210	ug/Kg
P2591-06	BH5S9	Solid	Benzo(g,h,i)perylene	410.000		56	210	ug/Kg
P2591-06	BH5S9	Solid	Benzo(k)fluoranthene	2,700.000		71	210	ug/Kg
P2591-06	BH5S9	Solid	Bis(2-ethylhexyl)phthalate	220.000		53	210	ug/Kg
P2591-06	BH5S9	Solid	Butylbenzylphthalate	85.000	J	53	210	ug/Kg
P2591-06	BH5S9	Solid	Carbazole	1,500.000		75	400	ug/Kg
P2591-06	BH5S9	Solid	Chrysene	6,600.000	E	56	210	ug/Kg
P2591-06	BH5S9	Solid	Dibenzo(a,h)anthracene	1,100.000		64	210	ug/Kg
P2591-06	BH5S9	Solid	Dibenzofuran	750.000		49	210	ug/Kg
P2591-06	BH5S9	Solid	Fluoranthene	11,000.000	E	55	210	ug/Kg
P2591-06	BH5S9	Solid	Fluorene	670.000		71	210	ug/Kg
P2591-06	BH5S9	Solid	Indeno(1,2,3-cd)pyrene	2,600.000		55	210	ug/Kg
P2591-06	BH5S9	Solid	Naphthalene	560.000		40	210	ug/Kg
P2591-06	BH5S9	Solid	Phenanthrene	6,700.000	E	65	210	ug/Kg
P2591-06	BH5S9	Solid	Pyrene	9,200.000	E	56	210	ug/Kg
Total Svoc :				64,205.00				
Total Concentration:				81,755.00				

Client ID : BHBQ1

P2591-10	BHBQ1	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	380.000	J			
P2591-10	BHBQ1	Solid	1(2H)-Acenaphthylenone *	160.000	J			
P2591-10	BHBQ1	Solid	1,1-Binaphthalene *	1,000.000	J			
P2591-10	BHBQ1	Solid	11H-Benzo[a]fluoren-11-one *	220.000	J			
P2591-10	BHBQ1	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	1,400.000	J			
P2591-10	BHBQ1	Solid	1H-Indene, 2-phenyl- *	480.000	J			
P2591-10	BHBQ1	Solid	3-Methyl-[1,1-biphenyl]-4-carbal *	250.000	J			
P2591-10	BHBQ1	Solid	4,5-Dimethoxy-2-hydroxyacetoph *	170.000	J			
P2591-10	BHBQ1	Solid	4H-Cyclopenta[def]phenanthrene *	1,300.000	J			
P2591-10	BHBQ1	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	690.000	J			
P2591-10	BHBQ1	Solid	7H-Benz[de]anthracen-7-one *	220.000	J			
P2591-10	BHBQ1	Solid	9,10-Anthracenedione *	1,000.000	J			
P2591-10	BHBQ1	Solid	9H-Fluoren-3-ol *	230.000	J			
P2591-10	BHBQ1	Solid	9H-Fluoren-9-one *	1,000.000	J			
P2591-10	BHBQ1	Solid	Acridine *	170.000	J			
P2591-10	BHBQ1	Solid	Anthrone *	290.000	J			
P2591-10	BHBQ1	Solid	Benzo[b]naphtho[2,1-d]thiophene *	190.000	J			
P2591-10	BHBQ1	Solid	Benzo[e]pyrene *	830.000	J			

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-10	BHBQ1	Solid	Cyclopenta(def)phenanthrenone	*	870.000	J		
P2591-10	BHBQ1	Solid	Cyclopenta[cd]pyrene	*	150.000	J		
P2591-10	BHBQ1	Solid	Dibenzothiophene	*	550.000	J		
P2591-10	BHBQ1	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	370.000	J		
P2591-10	BHBQ1	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P2591-10	BHBQ1	Solid	Naphthalene, 1-phenyl-	*	220.000	J		
P2591-10	BHBQ1	Solid	Phenanthrene, 1,7-dimethyl-	*	600.000	J		
P2591-10	BHBQ1	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2591-10	BHBQ1	Solid	Phenanthrene, 2-methyl-	*	930.000	J		
P2591-10	BHBQ1	Solid	Phenanthrene, 3,6-dimethyl-	*	170.000	J		
P2591-10	BHBQ1	Solid	Phenanthrene, 4-methyl-	*	320.000	J		
P2591-10	BHBQ1	Solid	unknown-01	*	990.000	J		
P2591-10	BHBQ1	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				15,440.00				
P2591-10	BHBQ1	Solid	1,1-Biphenyl		64.000	J 54	200	ug/Kg
P2591-10	BHBQ1	Solid	1-Methylnaphthalene		170.000	J 22	200	ug/Kg
P2591-10	BHBQ1	Solid	2-Methylnaphthalene		210.000	44	200	ug/Kg
P2591-10	BHBQ1	Solid	Acenaphthene		520.000	59	200	ug/Kg
P2591-10	BHBQ1	Solid	Acenaphthylene		110.000	J 54	200	ug/Kg
P2591-10	BHBQ1	Solid	Anthracene		1,500.000	55	200	ug/Kg
P2591-10	BHBQ1	Solid	Benzo(a)anthracene		5,000.000	E 46	200	ug/Kg
P2591-10	BHBQ1	Solid	Benzo(a)pyrene		2,600.000	67	200	ug/Kg
P2591-10	BHBQ1	Solid	Benzo(b)fluoranthene		5,500.000	E 57	200	ug/Kg
P2591-10	BHBQ1	Solid	Benzo(g,h,i)perylene		320.000	54	200	ug/Kg
P2591-10	BHBQ1	Solid	Benzo(k)fluoranthene		2,300.000	68	200	ug/Kg
P2591-10	BHBQ1	Solid	Bis(2-ethylhexyl)phthalate		270.000	51	200	ug/Kg
P2591-10	BHBQ1	Solid	Butylbenzylphthalate		110.000	J 51	200	ug/Kg
P2591-10	BHBQ1	Solid	Carbazole		1,200.000	72	390	ug/Kg
P2591-10	BHBQ1	Solid	Chrysene		5,200.000	E 54	200	ug/Kg
P2591-10	BHBQ1	Solid	Dibenzo(a,h)anthracene		880.000	61	200	ug/Kg
P2591-10	BHBQ1	Solid	Dibenzofuran		580.000	47	200	ug/Kg
P2591-10	BHBQ1	Solid	Fluoranthene		9,200.000	E 53	200	ug/Kg
P2591-10	BHBQ1	Solid	Fluorene		470.000	68	200	ug/Kg
P2591-10	BHBQ1	Solid	Indeno(1,2,3-cd)pyrene		2,100.000	53	200	ug/Kg
P2591-10	BHBQ1	Solid	Naphthalene		370.000	39	200	ug/Kg
P2591-10	BHBQ1	Solid	Phenanthrene		5,700.000	E 62	200	ug/Kg
P2591-10	BHBQ1	Solid	Pyrene		7,600.000	E 54	200	ug/Kg
Total Svoc :				51,974.00				
Total Concentration:				67,414.00				

Client ID : BHBQ2

Hit Summary Sheet
SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-11	BHBQ2	Solid	1-Pyrenecarboxaldehyde	*	260.000	J		
P2591-11	BHBQ2	Solid	11H-Benzo[a]fluoren-11-one	*	240.000	J		
P2591-11	BHBQ2	Solid	4,5-Dihydrobenzo[e]pyrene	*	230.000	J		
P2591-11	BHBQ2	Solid	4-Azapyrene	*	150.000	J		
P2591-11	BHBQ2	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P2591-11	BHBQ2	Solid	5,12-Naphthacenedione	*	150.000	J		
P2591-11	BHBQ2	Solid	7H-Benz[de]anthracen-7-one	*	240.000	J		
P2591-11	BHBQ2	Solid	9H-Fluoren-9-one	*	190.000	J		
P2591-11	BHBQ2	Solid	Anthracene, 9-phenyl-	*	700.000	J		
P2591-11	BHBQ2	Solid	Benz[a]anthracene, 2-methyl-	*	180.000	J		
P2591-11	BHBQ2	Solid	Benz[j]aceanthrylene, 3-methyl-	*	250.000	J		
P2591-11	BHBQ2	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	850.000	J		
P2591-11	BHBQ2	Solid	Benzo[b]triphenylene	*	740.000	J		
P2591-11	BHBQ2	Solid	Benzo[c]cinnoline	*	170.000	J		
P2591-11	BHBQ2	Solid	Benzo[e]pyrene	*	820.000	J		
P2591-11	BHBQ2	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	160.000	J		
P2591-11	BHBQ2	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P2591-11	BHBQ2	Solid	Cyclopenta[cd]pyrene	*	190.000	J		
P2591-11	BHBQ2	Solid	Dibenzofuran, 4-methyl-	*	1,000.000	J		
P2591-11	BHBQ2	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	270.000	J		
P2591-11	BHBQ2	Solid	Dinaphtho[2,1-b:1,2-d]furan	*	290.000	J		
P2591-11	BHBQ2	Solid	Diphenylmethane	*	400.000	J		
P2591-11	BHBQ2	Solid	Naphthalene, 1,5-dimethyl-	*	360.000	J		
P2591-11	BHBQ2	Solid	Naphthalene, 2,6-dimethyl-	*	730.000	J		
P2591-11	BHBQ2	Solid	Perylene	*	1,600.000	J		
P2591-11	BHBQ2	Solid	Phenanthrene, 2-methyl-	*	190.000	J		
P2591-11	BHBQ2	Solid	Picene	*	410.000	J		
P2591-11	BHBQ2	Solid	Pyrene, 1-methyl-	*	170.000	J		
P2591-11	BHBQ2	Solid	Pyrene, 2-methyl-	*	190.000	J		
P2591-11	BHBQ2	Solid	unknown-01	*	800.000	J		
P2591-11	BHBQ2	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				12,390.00				
P2591-11	BHBQ2	Solid	1,1-Biphenyl		440.000	55	200	ug/Kg
P2591-11	BHBQ2	Solid	1-Methylnaphthalene		1,100.000	23	200	ug/Kg
P2591-11	BHBQ2	Solid	2,4-Dimethylphenol	J	96.000	10	200	ug/Kg
P2591-11	BHBQ2	Solid	2-Methylnaphthalene		1,300.000	45	200	ug/Kg
P2591-11	BHBQ2	Solid	2-Methylphenol	J	57.000	47	400	ug/Kg
P2591-11	BHBQ2	Solid	4-Methylphenol	J	190.000	49	400	ug/Kg
P2591-11	BHBQ2	Solid	Acenaphthene		3,200.000	60	200	ug/Kg
P2591-11	BHBQ2	Solid	Acenaphthylene		690.000	55	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-11	BHBQ2	Solid	Anthracene	7,400.000	E	57	200	ug/Kg
P2591-11	BHBQ2	Solid	Benzo(a)anthracene	36,000.000	E	47	200	ug/Kg
P2591-11	BHBQ2	Solid	Benzo(a)pyrene	14,000.000	E	69	200	ug/Kg
P2591-11	BHBQ2	Solid	Benzo(b)fluoranthene	21,000.000	E	58	200	ug/Kg
P2591-11	BHBQ2	Solid	Benzo(g,h,i)perylene	2,700.000		55	200	ug/Kg
P2591-11	BHBQ2	Solid	Benzo(k)fluoranthene	7,800.000	E	70	200	ug/Kg
P2591-11	BHBQ2	Solid	Bis(2-ethylhexyl)phthalate	2,200.000		52	200	ug/Kg
P2591-11	BHBQ2	Solid	Butylbenzylphthalate	490.000		52	200	ug/Kg
P2591-11	BHBQ2	Solid	Carbazole	7,100.000	E	74	400	ug/Kg
P2591-11	BHBQ2	Solid	Chrysene	31,000.000	E	55	200	ug/Kg
P2591-11	BHBQ2	Solid	Dibenzo(a,h)anthracene	6,400.000	E	63	200	ug/Kg
P2591-11	BHBQ2	Solid	Dibenzofuran	3,300.000	E	48	200	ug/Kg
P2591-11	BHBQ2	Solid	Fluoranthene	46,000.000	E	54	200	ug/Kg
P2591-11	BHBQ2	Solid	Fluorene	3,200.000		70	200	ug/Kg
P2591-11	BHBQ2	Solid	Indeno(1,2,3-cd)pyrene	13,000.000	E	54	200	ug/Kg
P2591-11	BHBQ2	Solid	Naphthalene	2,400.000		40	200	ug/Kg
P2591-11	BHBQ2	Solid	Phenanthrene	16,000.000	E	64	200	ug/Kg
P2591-11	BHBQ2	Solid	Phenol	120.000	J	54	400	ug/Kg
P2591-11	BHBQ2	Solid	Pyrene	37,000.000	E	55	200	ug/Kg

Total Svoc : 264,183.00

Total Concentration: 276,573.00

Client ID : BHBQ2DL

P2591-11DL	BHBQ2DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	1,800.000	JD
P2591-11DL	BHBQ2DL	Solid	11H-Benzo[a]fluoren-11-one *	2,600.000	JD
P2591-11DL	BHBQ2DL	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	2,700.000	JD
P2591-11DL	BHBQ2DL	Solid	1H-Indene, 2-phenyl- *	3,500.000	JD
P2591-11DL	BHBQ2DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	2,700.000	JD
P2591-11DL	BHBQ2DL	Solid	3-Methylcarbazole *	860.000	JD
P2591-11DL	BHBQ2DL	Solid	4-(4-Methylphenyl)benzaldehyde *	1,500.000	JD
P2591-11DL	BHBQ2DL	Solid	4H-Cyclopenta[def]phenanthrene *	9,800.000	JD
P2591-11DL	BHBQ2DL	Solid	6-Phenylbenzocyclohepten-7-one *	4,900.000	JD
P2591-11DL	BHBQ2DL	Solid	7H-Benz[de]anthracen-7-one *	2,600.000	JD
P2591-11DL	BHBQ2DL	Solid	9,10-Anthracenedione *	5,600.000	JD
P2591-11DL	BHBQ2DL	Solid	9H-Fluoren-9-one *	6,500.000	JD
P2591-11DL	BHBQ2DL	Solid	Acridine *	1,500.000	JD
P2591-11DL	BHBQ2DL	Solid	Anthrone *	1,800.000	JD
P2591-11DL	BHBQ2DL	Solid	Benz[a]anthracene, 2-methyl- *	1,200.000	JD
P2591-11DL	BHBQ2DL	Solid	Benzo[b]naphtho[2,1-d]thiophene *	2,300.000	JD
P2591-11DL	BHBQ2DL	Solid	Benzo[e]pyrene *	1,500.000	JD
P2591-11DL	BHBQ2DL	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr *	1,200.000	JD

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SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-11DL	BHBQ2DL	Solid	Cyclopenta(def)phenanthrenone	*	6,300.000	JD		
P2591-11DL	BHBQ2DL	Solid	Dibenzothiophene	*	4,000.000	JD		
P2591-11DL	BHBQ2DL	Solid	Naphthalene, 2,3-dimethyl-	*	1,200.000	JD		
P2591-11DL	BHBQ2DL	Solid	Naphtho[2,1-b]furan, 1,2-dimethy	*	1,200.000	JD		
P2591-11DL	BHBQ2DL	Solid	Perylene	*	4,100.000	JD		
P2591-11DL	BHBQ2DL	Solid	Phenanthrene, 1,7-dimethyl-	*	1,100.000	JD		
P2591-11DL	BHBQ2DL	Solid	Phenanthrene, 1-methyl-	*	9,100.000	JD		
P2591-11DL	BHBQ2DL	Solid	Phenanthrene, 2,5-dimethyl-	*	4,900.000	JD		
P2591-11DL	BHBQ2DL	Solid	Phenanthrene, 2-methyl-	*	5,900.000	JD		
P2591-11DL	BHBQ2DL	Solid	Pyrene, 1-methyl-	*	1,600.000	JD		
P2591-11DL	BHBQ2DL	Solid	unknown-01	*	2,000.000	JD		
P2591-11DL	BHBQ2DL	Solid	unknown-02	*	2,300.000	JD		
P2591-11DL	BHBQ2DL	Solid	Total Alkanes	*	0.000	D 550	2000	ug/Kg
Total Tics :				98,260.00				
P2591-11DL	BHBQ2DL	Solid	1-Methylnaphthalene		1,300.000	JD 230	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	2-Methylnaphthalene		1,600.000	JD 450	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Acenaphthene		4,300.000	D 600	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Acenaphthylene		800.000	JD 550	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Anthracene		14,000.000	D 570	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Benzo(a)anthracene		43,000.000	ED 470	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Benzo(a)pyrene		25,000.000	D 690	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Benzo(b)fluoranthene		43,000.000	ED 580	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Benzo(g,h,i)perylene		3,800.000	D 550	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Benzo(k)fluoranthene		20,000.000	D 700	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Bis(2-ethylhexyl)phthalate		1,400.000	JD 520	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Carbazole		10,000.000	D 740	4000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Chrysene		43,000.000	ED 550	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Dibenzo(a,h)anthracene		7,500.000	D 630	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Dibenzofuran		4,800.000	D 480	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Fluoranthene		88,000.000	ED 540	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Fluorene		4,600.000	D 700	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Indeno(1,2,3-cd)pyrene		19,000.000	D 540	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Naphthalene		3,000.000	D 400	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Phenanthrene		53,000.000	ED 640	2000	ug/Kg
P2591-11DL	BHBQ2DL	Solid	Pyrene		72,000.000	ED 550	2000	ug/Kg
Total Svoc :				463,100.00				
Total Concentration:				561,360.00				

Client ID : BHBQ3

P2591-12	BHBQ3	Solid	1-Phenoxypropan-2-ol	*	85.000	J		
P2591-12	BHBQ3	Solid	11H-Benzo[a]fluoren-11-one	*	190.000	J		

Hit Summary Sheet
SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-12	BHBQ3	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	150.000	J		
P2591-12	BHBQ3	Solid	2,4,6-Trimethoxybenzaldehyde	*	100.000	J		
P2591-12	BHBQ3	Solid	4H-Cyclopenta[def]phenanthrene	*	670.000	J		
P2591-12	BHBQ3	Solid	7H-Benz[de]anthracen-7-one	*	190.000	J		
P2591-12	BHBQ3	Solid	9,10-Anthracenedione	*	340.000	J		
P2591-12	BHBQ3	Solid	9H-Fluoren-9-one	*	360.000	J		
P2591-12	BHBQ3	Solid	Anthracene, 2-methyl-	*	410.000	J		
P2591-12	BHBQ3	Solid	Anthrone	*	120.000	J		
P2591-12	BHBQ3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	170.000	J		
P2591-12	BHBQ3	Solid	Benzo[c]phenanthrene	*	95.000	J		
P2591-12	BHBQ3	Solid	Benzo[e]pyrene	*	510.000	J		
P2591-12	BHBQ3	Solid	Cyclopenta(def)phenanthrenone	*	420.000	J		
P2591-12	BHBQ3	Solid	Cyclopenta[cd]pyrene	*	160.000	J		
P2591-12	BHBQ3	Solid	Dibenzofuran, 4-methyl-	*	100.000	J		
P2591-12	BHBQ3	Solid	Dibenzothiophene	*	230.000	J		
P2591-12	BHBQ3	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P2591-12	BHBQ3	Solid	Juglone	*	170.000	J		
P2591-12	BHBQ3	Solid	Naphthalene, 1-phenyl-	*	91.000	J		
P2591-12	BHBQ3	Solid	Naphthalene, 2-phenyl-	*	310.000	J		
P2591-12	BHBQ3	Solid	Perylene	*	800.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 1,7-dimethyl-	*	83.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 2,3-dimethyl-	*	240.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 2,5-dimethyl-	*	88.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 2-methyl-	*	710.000	J		
P2591-12	BHBQ3	Solid	Phenanthrene, 4-methyl-	*	210.000	J		
P2591-12	BHBQ3	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2591-12	BHBQ3	Solid	Triphenylene, 2-methyl-	*	82.000	J		
P2591-12	BHBQ3	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :					7,504.00			
P2591-12	BHBQ3	Solid	1-Methylnaphthalene		63.000	J	22	ug/Kg
P2591-12	BHBQ3	Solid	2-Methylnaphthalene		73.000	J	43	ug/Kg
P2591-12	BHBQ3	Solid	Acenaphthene		220.000		58	ug/Kg
P2591-12	BHBQ3	Solid	Acenaphthylene		62.000	J	53	ug/Kg
P2591-12	BHBQ3	Solid	Anthracene		790.000		54	ug/Kg
P2591-12	BHBQ3	Solid	Benzo(a)anthracene		2,800.000		45	ug/Kg
P2591-12	BHBQ3	Solid	Benzo(a)pyrene		1,700.000		66	ug/Kg
P2591-12	BHBQ3	Solid	Benzo(b)fluoranthene		3,400.000	E	55	ug/Kg
P2591-12	BHBQ3	Solid	Benzo(g,h,i)perylene		260.000		53	ug/Kg
P2591-12	BHBQ3	Solid	Benzo(k)fluoranthene		1,100.000		67	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-12	BHBQ3	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	50	200	ug/Kg
P2591-12	BHBQ3	Solid	Carbazole	510.000		70	380	ug/Kg
P2591-12	BHBQ3	Solid	Chrysene	2,700.000		53	200	ug/Kg
P2591-12	BHBQ3	Solid	Dibenzo(a,h)anthracene	510.000		60	200	ug/Kg
P2591-12	BHBQ3	Solid	Dibenzofuran	230.000		46	200	ug/Kg
P2591-12	BHBQ3	Solid	Fluoranthene	5,900.000	E	52	200	ug/Kg
P2591-12	BHBQ3	Solid	Fluorene	250.000		67	200	ug/Kg
P2591-12	BHBQ3	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		52	200	ug/Kg
P2591-12	BHBQ3	Solid	Naphthalene	130.000	J	38	200	ug/Kg
P2591-12	BHBQ3	Solid	Phenanthrene	3,300.000	E	61	200	ug/Kg
P2591-12	BHBQ3	Solid	Pyrene	4,500.000	E	53	200	ug/Kg
Total Svoc :				29,828.00				
Total Concentration:				37,332.00				

Client ID : BHBQ4

P2591-13	BHBQ4	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	140.000	J	
P2591-13	BHBQ4	Solid	1-Phenoxypropan-2-ol *	83.000	J	
P2591-13	BHBQ4	Solid	11H-Benzo[a]fluoren-11-one *	180.000	J	
P2591-13	BHBQ4	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	190.000	J	
P2591-13	BHBQ4	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	220.000	J	
P2591-13	BHBQ4	Solid	4-(4-Methylphenyl)benzaldehyde *	120.000	J	
P2591-13	BHBQ4	Solid	4H-Cyclopenta[def]phenanthrene *	700.000	J	
P2591-13	BHBQ4	Solid	7H-Benz[de]anthracen-7-one *	170.000	J	
P2591-13	BHBQ4	Solid	9,10-Anthracenedione *	430.000	J	
P2591-13	BHBQ4	Solid	9H-Fluoren-9-one *	550.000	J	
P2591-13	BHBQ4	Solid	Anthracene, 9-methyl- *	240.000	J	
P2591-13	BHBQ4	Solid	Anthrone *	150.000	J	
P2591-13	BHBQ4	Solid	Benzo(e)pyrene, 9,10-dihydro- *	500.000	J	
P2591-13	BHBQ4	Solid	Benzo[b]naphtho[2,3-d]thiophene *	130.000	J	
P2591-13	BHBQ4	Solid	Benzo[e]pyrene *	430.000	J	
P2591-13	BHBQ4	Solid	Benzo[h]quinoline *	97.000	J	
P2591-13	BHBQ4	Solid	Cyclopenta(def)phenanthrenone *	460.000	J	
P2591-13	BHBQ4	Solid	Cyclopenta[cd]pyrene *	140.000	J	
P2591-13	BHBQ4	Solid	Dibenzothiophene *	300.000	J	
P2591-13	BHBQ4	Solid	Fluoranthene, 2-methyl- *	100.000	J	
P2591-13	BHBQ4	Solid	Naphthalene, 1-phenyl- *	100.000	J	
P2591-13	BHBQ4	Solid	Naphthalene, 2,3-dimethyl- *	94.000	J	
P2591-13	BHBQ4	Solid	Naphthalene, 2-phenyl- *	350.000	J	
P2591-13	BHBQ4	Solid	Phenanthrene, 1-methyl- *	810.000	J	
P2591-13	BHBQ4	Solid	Phenanthrene, 2,3-dimethyl- *	320.000	J	
P2591-13	BHBQ4	Solid	Phenanthrene, 2-methyl- *	510.000	J	

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-13	BHBQ4	Solid	Phenanthrene, 3,6-dimethyl-	*	94.000	J		
P2591-13	BHBQ4	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2591-13	BHBQ4	Solid	unknown-01	*	110.000	J		
P2591-13	BHBQ4	Solid	unknown-02	*	640.000	J		
P2591-13	BHBQ4	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :				8,468.00				
P2591-13	BHBQ4	Solid	1-Methylnaphthalene		120.000	J	22	190 ug/Kg
P2591-13	BHBQ4	Solid	2-Methylnaphthalene		150.000	J	42	190 ug/Kg
P2591-13	BHBQ4	Solid	Acenaphthene		250.000		57	190 ug/Kg
P2591-13	BHBQ4	Solid	Acenaphthylene		55.000	J	52	190 ug/Kg
P2591-13	BHBQ4	Solid	Anthracene		930.000		53	190 ug/Kg
P2591-13	BHBQ4	Solid	Benzo(a)anthracene		2,800.000		44	190 ug/Kg
P2591-13	BHBQ4	Solid	Benzo(a)pyrene		1,500.000		65	190 ug/Kg
P2591-13	BHBQ4	Solid	Benzo(b)fluoranthene		3,100.000	E	54	190 ug/Kg
P2591-13	BHBQ4	Solid	Benzo(g,h,i)perylene		190.000		52	190 ug/Kg
P2591-13	BHBQ4	Solid	Benzo(k)fluoranthene		1,100.000		66	190 ug/Kg
P2591-13	BHBQ4	Solid	Bis(2-ethylhexyl)phthalate		61.000	J	49	190 ug/Kg
P2591-13	BHBQ4	Solid	Carbazole		690.000		69	370 ug/Kg
P2591-13	BHBQ4	Solid	Chrysene		2,800.000		52	190 ug/Kg
P2591-13	BHBQ4	Solid	Dibenzo(a,h)anthracene		460.000		59	190 ug/Kg
P2591-13	BHBQ4	Solid	Dibenzofuran		340.000		45	190 ug/Kg
P2591-13	BHBQ4	Solid	Fluoranthene		6,000.000	E	51	190 ug/Kg
P2591-13	BHBQ4	Solid	Fluorene		270.000		66	190 ug/Kg
P2591-13	BHBQ4	Solid	Indeno(1,2,3-cd)pyrene		1,100.000		51	190 ug/Kg
P2591-13	BHBQ4	Solid	Naphthalene		330.000		37	190 ug/Kg
P2591-13	BHBQ4	Solid	Phenanthrene		3,900.000	E	60	190 ug/Kg
P2591-13	BHBQ4	Solid	Pyrene		4,600.000	E	52	190 ug/Kg
Total Svoc :				30,746.00				
Total Concentration:				39,214.00				
Client ID : BHBQ5								
P2591-14	BHBQ5	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	88.000	J		
P2591-14	BHBQ5	Solid	1-Phenoxypropan-2-ol	*	94.000	J		
P2591-14	BHBQ5	Solid	11H-Benzo[a]fluoren-11-one	*	150.000	J		
P2591-14	BHBQ5	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	120.000	J		
P2591-14	BHBQ5	Solid	4-(4-Methylphenyl)benzaldehyde	*	77.000	J		
P2591-14	BHBQ5	Solid	4H-Cyclopenta[def]phenanthrene	*	470.000	J		
P2591-14	BHBQ5	Solid	6-Phenylbenzocyclohepten-7-one	*	230.000	J		
P2591-14	BHBQ5	Solid	7H-Benz[de]anthracen-7-one	*	150.000	J		
P2591-14	BHBQ5	Solid	9,10-Anthracenedione	*	280.000	J		
P2591-14	BHBQ5	Solid	9H-Fluoren-9-one	*	330.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-14	BHBQ5	Solid	Anthracene, 2-methyl-	*	530.000	J		
P2591-14	BHBQ5	Solid	Anthrone	*	93.000	J		
P2591-14	BHBQ5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P2591-14	BHBQ5	Solid	Benzo[e]pyrene	*	390.000	J		
P2591-14	BHBQ5	Solid	Cyclopenta(def)phenanthrenone	*	280.000	J		
P2591-14	BHBQ5	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2591-14	BHBQ5	Solid	Dibenzothiophene	*	190.000	J		
P2591-14	BHBQ5	Solid	Fluoranthene, 2-methyl-	*	96.000	J		
P2591-14	BHBQ5	Solid	Phenanthrene, 1-methyl-	*	150.000	J		
P2591-14	BHBQ5	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P2591-14	BHBQ5	Solid	Phenanthrene, 2-methyl-	*	340.000	J		
P2591-14	BHBQ5	Solid	Phenanthrene, 4-methyl-	*	120.000	J		
P2591-14	BHBQ5	Solid	Pyrene, 1-methyl-	*	100.000	J		
P2591-14	BHBQ5	Solid	unknown-01	*	380.000	J		
P2591-14	BHBQ5	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :				5,078.00				
P2591-14	BHBQ5	Solid	1-Methylnaphthalene		62.000	J	21	190 ug/Kg
P2591-14	BHBQ5	Solid	2-Methylnaphthalene		73.000	J	41	190 ug/Kg
P2591-14	BHBQ5	Solid	Acenaphthene		200.000		56	190 ug/Kg
P2591-14	BHBQ5	Solid	Anthracene		620.000		52	190 ug/Kg
P2591-14	BHBQ5	Solid	Benzo(a)anthracene		1,900.000		43	190 ug/Kg
P2591-14	BHBQ5	Solid	Benzo(a)pyrene		1,000.000		63	190 ug/Kg
P2591-14	BHBQ5	Solid	Benzo(b)fluoranthene		2,000.000		53	190 ug/Kg
P2591-14	BHBQ5	Solid	Benzo(g,h,i)perylene		130.000	J	51	190 ug/Kg
P2591-14	BHBQ5	Solid	Benzo(k)fluoranthene		880.000		65	190 ug/Kg
P2591-14	BHBQ5	Solid	Bis(2-ethylhexyl)phthalate		50.000	J	48	190 ug/Kg
P2591-14	BHBQ5	Solid	Carbazole		470.000		68	370 ug/Kg
P2591-14	BHBQ5	Solid	Chrysene		1,900.000		51	190 ug/Kg
P2591-14	BHBQ5	Solid	Dibenzo(a,h)anthracene		310.000		58	190 ug/Kg
P2591-14	BHBQ5	Solid	Dibenzofuran		220.000		45	190 ug/Kg
P2591-14	BHBQ5	Solid	Fluoranthene		4,700.000	E	50	190 ug/Kg
P2591-14	BHBQ5	Solid	Fluorene		190.000		65	190 ug/Kg
P2591-14	BHBQ5	Solid	Indeno(1,2,3-cd)pyrene		760.000		50	190 ug/Kg
P2591-14	BHBQ5	Solid	Naphthalene		150.000	J	37	190 ug/Kg
P2591-14	BHBQ5	Solid	Phenanthrene		2,800.000		59	190 ug/Kg
P2591-14	BHBQ5	Solid	Pyrene		3,400.000	E	51	190 ug/Kg
Total Svoc :				21,815.00				
Total Concentration:				26,893.00				

Client ID : BHBQ6

P2591-15 BHBQ6 Solid (DEL) Alkane: Straight-Chain16.(* 130.000 J

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-15	BHBQ6	Solid	(DEL) Alkane: Straight-Chain 18.8	*	110.000	J		
P2591-15	BHBQ6	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	150.000	J		
P2591-15	BHBQ6	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2591-15	BHBQ6	Solid	11H-Benzo[a]fluoren-11-one	*	210.000	J		
P2591-15	BHBQ6	Solid	3,4-Dimethyl-2,5-diprop-2-enyl-2	*	6,400.000	J		
P2591-15	BHBQ6	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	120.000	J		
P2591-15	BHBQ6	Solid	4H-Cyclopenta[def]phenanthrene	*	630.000	J		
P2591-15	BHBQ6	Solid	6H-Benz[de]anthracen-6-one	*	170.000	J		
P2591-15	BHBQ6	Solid	7H-Benz[de]anthracen-7-one	*	210.000	J		
P2591-15	BHBQ6	Solid	9,10-Anthracenedione	*	360.000	J		
P2591-15	BHBQ6	Solid	9H-Fluoren-9-one	*	380.000	J		
P2591-15	BHBQ6	Solid	Anthracene, 1-methyl-	*	230.000	J		
P2591-15	BHBQ6	Solid	Anthrone	*	120.000	J		
P2591-15	BHBQ6	Solid	Benz[a]anthracene, 7-methyl-	*	110.000	J		
P2591-15	BHBQ6	Solid	Benzo[e]pyrene	*	360.000	J		
P2591-15	BHBQ6	Solid	Cyclopenta(def)phenanthrenone	*	380.000	J		
P2591-15	BHBQ6	Solid	Dibenzofuran, 4-methyl-	*	130.000	J		
P2591-15	BHBQ6	Solid	Dibenzothiophene	*	230.000	J		
P2591-15	BHBQ6	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P2591-15	BHBQ6	Solid	n-Hexadecanoic acid	*	1,300.000	J		
P2591-15	BHBQ6	Solid	Naphthalene, 1-phenyl-	*	100.000	J		
P2591-15	BHBQ6	Solid	Naphthalene, 2-phenyl-	*	400.000	J		
P2591-15	BHBQ6	Solid	Octadecanoic acid	*	110.000	J		
P2591-15	BHBQ6	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J		
P2591-15	BHBQ6	Solid	Phenanthrene, 2-methyl-	*	440.000	J		
P2591-15	BHBQ6	Solid	Phenanthridine	*	120.000	J		
P2591-15	BHBQ6	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2591-15	BHBQ6	Solid	Tetradecanoic acid	*	190.000	J		
P2591-15	BHBQ6	Solid	unknown-01	*	240.000	J		
P2591-15	BHBQ6	Solid	Total Alkanes	*	240.000		69	250 ug/Kg
Total Tics :					14,130.00			
P2591-15	BHBQ6	Solid	1-Methylnaphthalene		66.000	J	28	250 ug/Kg
P2591-15	BHBQ6	Solid	2-Methylnaphthalene		71.000	J	55	250 ug/Kg
P2591-15	BHBQ6	Solid	Acenaphthene		220.000	J	75	250 ug/Kg
P2591-15	BHBQ6	Solid	Anthracene		790.000		70	250 ug/Kg
P2591-15	BHBQ6	Solid	Benzo(a)anthracene		2,400.000		58	250 ug/Kg
P2591-15	BHBQ6	Solid	Benzo(a)pyrene		1,200.000		85	250 ug/Kg
P2591-15	BHBQ6	Solid	Benzo(b)fluoranthene		2,600.000		72	250 ug/Kg
P2591-15	BHBQ6	Solid	Benzo(g,h,i)perylene		150.000	J	69	250 ug/Kg
P2591-15	BHBQ6	Solid	Benzo(k)fluoranthene		1,100.000		87	250 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-15	BHBQ6	Solid	Bis(2-ethylhexyl)phthalate	310.000		64	250	ug/Kg
P2591-15	BHBQ6	Solid	Butylbenzylphthalate	75.000	J	64	250	ug/Kg
P2591-15	BHBQ6	Solid	Carbazole	540.000		91	490	ug/Kg
P2591-15	BHBQ6	Solid	Chrysene	2,400.000		69	250	ug/Kg
P2591-15	BHBQ6	Solid	Di-n-butylphthalate	120.000	J	85	250	ug/Kg
P2591-15	BHBQ6	Solid	Dibenzo(a,h)anthracene	410.000		78	250	ug/Kg
P2591-15	BHBQ6	Solid	Dibenzofuran	230.000	J	60	250	ug/Kg
P2591-15	BHBQ6	Solid	Fluoranthene	5,800.000	E	67	250	ug/Kg
P2591-15	BHBQ6	Solid	Fluorene	260.000		87	250	ug/Kg
P2591-15	BHBQ6	Solid	Indeno(1,2,3-cd)pyrene	900.000		67	250	ug/Kg
P2591-15	BHBQ6	Solid	Naphthalene	120.000	J	49	250	ug/Kg
P2591-15	BHBQ6	Solid	Phenanthrene	3,500.000		79	250	ug/Kg
P2591-15	BHBQ6	Solid	Pyrene	4,000.000	E	69	250	ug/Kg
Total Svoc :				27,262.00				
Total Concentration:				41,392.00				

Client ID : BHBQ7

P2591-16	BHBQ7	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J	
P2591-16	BHBQ7	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	340.000	J	
P2591-16	BHBQ7	Solid	2,6-(Etheno[1,4]benzenoetheno)n	*	920.000	J	
P2591-16	BHBQ7	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	210.000	J	
P2591-16	BHBQ7	Solid	4H-Cyclopenta[def]phenanthrene	*	1,300.000	J	
P2591-16	BHBQ7	Solid	7H-Benz[de]anthracen-7-one	*	220.000	J	
P2591-16	BHBQ7	Solid	9,10-Anthracenedione	*	750.000	J	
P2591-16	BHBQ7	Solid	9H-Fluoren-9-one	*	860.000	J	
P2591-16	BHBQ7	Solid	Acridine	*	170.000	J	
P2591-16	BHBQ7	Solid	Anthracene, 9-methyl-	*	440.000	J	
P2591-16	BHBQ7	Solid	Anthrone	*	250.000	J	
P2591-16	BHBQ7	Solid	Benzo(a)pyrene 4,5-oxide	*	300.000	J	
P2591-16	BHBQ7	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	170.000	J	
P2591-16	BHBQ7	Solid	Benzo[e]pyrene	*	730.000	J	
P2591-16	BHBQ7	Solid	Cyclopenta(def)phenanthrenone	*	690.000	J	
P2591-16	BHBQ7	Solid	Cyclopenta[cd]pyrene	*	180.000	J	
P2591-16	BHBQ7	Solid	Dibenzofuran, 4-methyl-	*	220.000	J	
P2591-16	BHBQ7	Solid	Dibenzothiophene	*	540.000	J	
P2591-16	BHBQ7	Solid	Fluoranthene, 2-methyl-	*	590.000	J	
P2591-16	BHBQ7	Solid	Naphthalene, 1-phenyl-	*	200.000	J	
P2591-16	BHBQ7	Solid	Naphthalene, 2-phenyl-	*	650.000	J	
P2591-16	BHBQ7	Solid	Perylene	*	1,000.000	J	
P2591-16	BHBQ7	Solid	Phenanthrene, 1-methyl-	*	1,400.000	J	
P2591-16	BHBQ7	Solid	Phenanthrene, 2,3-dimethyl-	*	500.000	J	

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-16	BHBQ7	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2591-16	BHBQ7	Solid	Phenanthrene, 2-methyl-	*	890.000	J		
P2591-16	BHBQ7	Solid	Phenanthrene, 3,6-dimethyl-	*	160.000	J		
P2591-16	BHBQ7	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2591-16	BHBQ7	Solid	unknown-01	*	190.000	J		
P2591-16	BHBQ7	Solid	unknown-02	*	350.000	J		
P2591-16	BHBQ7	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				14,710.00				
P2591-16	BHBQ7	Solid	1,1-Biphenyl	58.000	J	57	210	ug/Kg
P2591-16	BHBQ7	Solid	1-Methylnaphthalene	150.000	J	23	210	ug/Kg
P2591-16	BHBQ7	Solid	2-Methylnaphthalene	170.000	J	45	210	ug/Kg
P2591-16	BHBQ7	Solid	Acenaphthene	550.000		61	210	ug/Kg
P2591-16	BHBQ7	Solid	Acenaphthylene	89.000	J	57	210	ug/Kg
P2591-16	BHBQ7	Solid	Anthracene	1,600.000		58	210	ug/Kg
P2591-16	BHBQ7	Solid	Benzo(a)anthracene	4,600.000	E	48	210	ug/Kg
P2591-16	BHBQ7	Solid	Benzo(a)pyrene	2,100.000		70	210	ug/Kg
P2591-16	BHBQ7	Solid	Benzo(b)fluoranthene	4,700.000	E	59	210	ug/Kg
P2591-16	BHBQ7	Solid	Benzo(g,h,i)perylene	260.000		57	210	ug/Kg
P2591-16	BHBQ7	Solid	Benzo(k)fluoranthene	2,000.000		71	210	ug/Kg
P2591-16	BHBQ7	Solid	Bis(2-ethylhexyl)phthalate	590.000		53	210	ug/Kg
P2591-16	BHBQ7	Solid	Butylbenzylphthalate	110.000	J	53	210	ug/Kg
P2591-16	BHBQ7	Solid	Carbazole	1,100.000		75	410	ug/Kg
P2591-16	BHBQ7	Solid	Chrysene	4,700.000	E	57	210	ug/Kg
P2591-16	BHBQ7	Solid	Dibenzo(a,h)anthracene	730.000		64	210	ug/Kg
P2591-16	BHBQ7	Solid	Dibenzofuran	570.000		49	210	ug/Kg
P2591-16	BHBQ7	Solid	Fluoranthene	9,300.000	E	55	210	ug/Kg
P2591-16	BHBQ7	Solid	Fluorene	530.000		71	210	ug/Kg
P2591-16	BHBQ7	Solid	Indeno(1,2,3-cd)pyrene	1,600.000		55	210	ug/Kg
P2591-16	BHBQ7	Solid	Naphthalene	360.000		41	210	ug/Kg
P2591-16	BHBQ7	Solid	Phenanthrene	6,100.000	E	65	210	ug/Kg
P2591-16	BHBQ7	Solid	Pyrene	6,800.000	E	57	210	ug/Kg
Total Svoc :				48,767.00				
Total Concentration:				63,477.00				

Client ID : BHBW3

P2591-17	BHBW3	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	140.000	J		
P2591-17	BHBW3	Solid	11H-Benzo[a]fluoren-11-one	*	160.000	J		
P2591-17	BHBW3	Solid	4-(4-Methylphenyl)benzaldehyde	*	110.000	J		
P2591-17	BHBW3	Solid	4H-Cyclopenta[def]phenanthrene	*	640.000	J		
P2591-17	BHBW3	Solid	7H-Benz[de]anthracen-7-one	*	170.000	J		
P2591-17	BHBW3	Solid	9,10-Anthracenedione	*	360.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-17	BHBW3	Solid	9H-Fluoren-3-ol	*	100.000	J		
P2591-17	BHBW3	Solid	9H-Fluoren-9-one	*	340.000	J		
P2591-17	BHBW3	Solid	Anthracene, 2-methyl-	*	210.000	J		
P2591-17	BHBW3	Solid	Anthrone	*	110.000	J		
P2591-17	BHBW3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	140.000	J		
P2591-17	BHBW3	Solid	Benzo[c]phenanthrene	*	96.000	J		
P2591-17	BHBW3	Solid	Benzo[e]pyrene	*	340.000	J		
P2591-17	BHBW3	Solid	Cyclopenta(def)phenanthrenone	*	340.000	J		
P2591-17	BHBW3	Solid	Cyclopenta[cd]pyrene	*	170.000	J		
P2591-17	BHBW3	Solid	Naphthalene, 1-phenyl-	*	91.000	J		
P2591-17	BHBW3	Solid	Naphthalene, 2-phenyl-	*	300.000	J		
P2591-17	BHBW3	Solid	Naphtho[2,1-b]thiophene	*	230.000	J		
P2591-17	BHBW3	Solid	Perylene	*	420.000	J		
P2591-17	BHBW3	Solid	Phenanthrene, 1-methyl-	*	690.000	J		
P2591-17	BHBW3	Solid	Phenanthrene, 2,5-dimethyl-	*	230.000	J		
P2591-17	BHBW3	Solid	Phenanthrene, 2-methyl-	*	430.000	J		
P2591-17	BHBW3	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2591-17	BHBW3	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				5,927.00				
P2591-17	BHBW3	Solid	1-Methylnaphthalene	61.000	J	23	210	ug/Kg
P2591-17	BHBW3	Solid	2-Methylnaphthalene	69.000	J	45	210	ug/Kg
P2591-17	BHBW3	Solid	Acenaphthene	230.000		61	210	ug/Kg
P2591-17	BHBW3	Solid	Acenaphthylene	59.000	J	56	210	ug/Kg
P2591-17	BHBW3	Solid	Anthracene	760.000		58	210	ug/Kg
P2591-17	BHBW3	Solid	Benzo(a)anthracene	2,500.000		48	210	ug/Kg
P2591-17	BHBW3	Solid	Benzo(a)pyrene	1,200.000		70	210	ug/Kg
P2591-17	BHBW3	Solid	Benzo(b)fluoranthene	2,700.000		59	210	ug/Kg
P2591-17	BHBW3	Solid	Benzo(g,h,i)perylene	160.000	J	56	210	ug/Kg
P2591-17	BHBW3	Solid	Benzo(k)fluoranthene	1,000.000		71	210	ug/Kg
P2591-17	BHBW3	Solid	Bis(2-ethylhexyl)phthalate	450.000		53	210	ug/Kg
P2591-17	BHBW3	Solid	Butylbenzylphthalate	68.000	J	53	210	ug/Kg
P2591-17	BHBW3	Solid	Carbazole	490.000		75	400	ug/Kg
P2591-17	BHBW3	Solid	Chrysene	2,500.000		56	210	ug/Kg
P2591-17	BHBW3	Solid	Dibenzo(a,h)anthracene	420.000		64	210	ug/Kg
P2591-17	BHBW3	Solid	Dibenzofuran	210.000		49	210	ug/Kg
P2591-17	BHBW3	Solid	Fluoranthene	5,900.000	E	55	210	ug/Kg
P2591-17	BHBW3	Solid	Fluorene	240.000		71	210	ug/Kg
P2591-17	BHBW3	Solid	Indeno(1,2,3-cd)pyrene	940.000		55	210	ug/Kg
P2591-17	BHBW3	Solid	Naphthalene	120.000	J	40	210	ug/Kg
P2591-17	BHBW3	Solid	Phenanthrene	3,400.000	E	65	210	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BN060524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-17	BHBW3	Solid	Pyrene	4,100.000	E	56	210	ug/Kg
Total Svoc :				27,577.00				
Total Concentration:				33,504.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

LAB FILE ID:	RRFAL1 = BN031685.D			RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
	RRFAL4 = BN031688.D			RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.531	0.496	0.548	0.513	0.499		0.517	4.3
Benzaldehyde		0.953	1.012	0.913	0.671	0.472	0.804	28.2
Pyridine		1.351	1.490	1.414	1.334	1.214	1.361	7.5
Hexachloroethane	0.565	0.566	0.622	0.581	0.565		0.580	4.2
Nitrobenzene	0.344	0.362	0.390	0.371	0.355		0.364	4.8
Isophorone	0.719	0.753	0.803	0.748	0.714		0.747	4.8
2-Nitrophenol	0.153	0.162	0.185	0.182	0.180		0.173	8.2
2,4-Dimethylphenol	0.321	0.325	0.362	0.340	0.330		0.336	4.9
Bis(2-Chloroethoxy)methane	0.458	0.469	0.497	0.463	0.441		0.466	4.4
2,4-Dichlorophenol	0.276	0.290	0.310	0.293	0.286		0.291	4.3
Naphthalene	1.025	1.062	1.101	1.025	0.962		1.035	5.0
4-Chloroaniline		0.452	0.470	0.438	0.418	0.348	0.425	11.1
Hexachlorobutadiene	0.171	0.178	0.183	0.172	0.170		0.175	3.2
Phenol		1.728	1.889	1.803	1.745	1.560	1.745	6.9
Caprolactam		0.108	0.122	0.117	0.117	0.104	0.114	6.4
4-Chloro-3-methylphenol	0.316	0.335	0.366	0.349	0.336		0.340	5.5
1-Methylnaphthalene	0.721	0.726	0.761	0.694	0.647		0.710	6.0
2-Methylnaphthalene	0.705	0.724	0.758	0.698	0.653		0.708	5.4
Hexachlorocyclopentadiene		0.291	0.308	0.319	0.317	0.290	0.305	4.6
2,4,6-Trichlorophenol	0.326	0.352	0.376	0.378	0.363		0.359	5.9
2,4,5-Trichlorophenol	0.358	0.384	0.418	0.391	0.399		0.390	5.6
1,1-Biphenyl	1.423	1.449	1.477	1.398	1.287		1.407	5.2
2-Chloronaphthalene	1.099	1.127	1.156	1.096	1.031		1.102	4.2
2-Nitroaniline	0.282	0.308	0.340	0.338	0.329		0.319	7.7
Bis(2-Chloroethyl)ether		1.471	1.589	1.486	1.416	1.252	1.443	8.6
Dimethylphthalate	1.423	1.447	1.506	1.448	1.302		1.425	5.3
2,6-Dinitrotoluene	0.241	0.268	0.301	0.305	0.302		0.283	9.8
Acenaphthylene	1.808	1.886	1.947	1.796	1.616		1.811	6.9
3-Nitroaniline		0.298	0.335	0.320	0.298	0.262	0.303	9.1
Acenaphthene	1.206	1.239	1.266	1.189	1.089		1.198	5.7
2,4-Dinitrophenol		0.105	0.130	0.141	0.165	0.174	0.143	19.2
4-Nitrophenol		0.206	0.222	0.215	0.206	0.186	0.207	6.6
Dibenzofuran	1.657	1.686	1.724	1.610	1.461		1.628	6.3
2,4-Dinitrotoluene	0.360	0.394	0.451	0.440	0.432		0.416	9.1
Diethylphthalate	1.443	1.495	1.568	1.478	1.367		1.470	5.0
2-Chlorophenol	1.308	1.331	1.461	1.393	1.351		1.369	4.4

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.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.409	1.416	1.415	1.271	1.042		1.311	12.4
4-Chlorophenyl-phenylether	0.676	0.682	0.697	0.609	0.509		0.635	12.3
4-Nitroaniline		0.298	0.331	0.312	0.272	0.228	0.288	13.9
4,6-Dinitro-2-methylphenol		0.092	0.106	0.115	0.115	0.107	0.107	8.5
N-Nitrosodiphenylamine	0.559	0.563	0.579	0.562	0.493		0.551	6.1
1,2,4,5-Tetrachlorobenzene	0.511	0.537	0.557	0.532	0.506		0.529	3.9
4-Bromophenyl-phenylether	0.194	0.194	0.200	0.192	0.189		0.194	2.0
Hexachlorobenzene	0.218	0.219	0.229	0.223	0.210		0.220	3.1
Atrazine		0.199	0.186	0.188	0.163	0.135	0.174	14.6
Pentachlorophenol		0.129	0.151	0.152	0.145	0.126	0.141	8.7
2-Methylphenol		1.310	1.468	1.383	1.359	1.218	1.348	6.8
Phenanthrene	1.054	1.065	1.074	1.027	0.873		1.019	8.2
Pentachlorobenzene	0.251	0.254	0.262	0.253	0.233		0.251	4.3
Anthracene	1.076	1.091	1.099	1.029	0.867		1.032	9.3
1,2,3,4-Tetrachlorobenzene	0.250	0.255	0.265	0.268	0.249		0.257	3.3
Carbazole		0.990	1.013	0.961	0.838	0.601	0.880	19.3
Di-n-butylphthalate	1.217	1.245	1.351	1.264	0.978		1.211	11.5
Fluoranthene	1.268	1.276	1.383	1.276	1.192		1.279	5.3
Pyrene	1.327	1.359	1.433	1.283	1.160		1.312	7.7
Butylbenzylphthalate	0.562	0.593	0.668	0.648	0.628		0.620	6.9
3,3-Dichlorobenzidine		0.407	0.456	0.427	0.357	0.270	0.384	19.1
2,2-oxybis (1-Chloropropane)		1.716	1.852	1.714	1.618	1.403	1.661	10.0
Benzo (a) anthracene	1.343	1.341	1.401	1.358	1.250		1.339	4.1
Chrysene	1.289	1.242	1.352	1.233	1.136		1.250	6.4
Bis (2-ethylhexyl) phthalate	0.918	0.915	0.999	0.907	0.779		0.904	8.8
Di-n-octyl phthalate		1.410	1.513	1.498	1.285	0.989	1.339	16.1
Benzo (b) fluoranthene	1.133	1.220	1.258	1.200	1.167		1.195	4.0
Benzo (k) fluoranthene	1.161	1.236	1.224	1.175	1.068		1.173	5.7
Benzo (a) pyrene	1.064	1.169	1.160	1.160	1.045		1.120	5.3
Indeno (1,2,3-cd) pyrene	1.209	1.366	1.325	1.348	1.204		1.290	6.0
Dibenzo (a,h) anthracene	1.001	1.092	1.083	1.100	0.991		1.053	5.0
Benzo (g,h,i) perylene	0.980	1.073	1.061	1.073	0.941		1.026	6.0
Acetophenone		2.256	2.403	2.175	2.033	1.723	2.118	12.2
2,3,4,6-Tetrachlorophenol	0.302	0.319	0.345	0.337	0.329		0.326	5.2
1,4-Dioxane-d8	0.484	0.475	0.515	0.479	0.464		0.483	4.0
Pyridine-d5		1.285	1.496	1.427	1.355	1.241	1.361	7.6

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.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D			RRFAL2 = BN031686.D		RRFAL3 = BN031687.D	
		RRFAL4 = BN031688.D			RRFAL5 = BN031689.D		RRFAL6 = BN031690.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.654	1.844	1.767	1.731	1.578	1.715	6.0
Bis-(2-Chloroethyl)ether-d8		1.029	1.105	1.033	0.981	0.866	1.003	8.8
2-Chlorophenol-d4	1.237	1.250	1.398	1.331	1.325		1.308	5.0
4-Methylphenol-d8		1.355	1.512	1.417	1.406	1.298	1.398	5.7
Nitrobenzene-d5	0.139	0.146	0.164	0.158	0.158		0.153	6.6
2-Nitrophenol-d4	0.135	0.145	0.169	0.168	0.173		0.158	10.7
2,4-Dichlorophenol-d3	0.275	0.285	0.317	0.305	0.293		0.295	5.6
4-Chloroaniline-d4		0.463	0.480	0.449	0.430	0.368	0.438	9.9
4-Methylphenol		1.431	1.597	1.506	1.442	1.329	1.461	6.8
Dimethylphthalate-d6	1.378	1.420	1.468	1.396	1.306		1.393	4.3
Acenaphthylene-d8	1.567	1.625	1.705	1.614	1.500		1.602	4.7
4-Nitrophenol-d4		0.268	0.299	0.293	0.280	0.254	0.279	6.6
Fluorene-d10	1.196	1.202	1.255	1.178	1.064		1.179	6.0
4,6-Dinitro-2-methylphenol-		0.083	0.098	0.106	0.111	0.105	0.101	10.9
Anthracene-d10	0.865	0.889	0.919	0.857	0.750		0.856	7.5
Pyrene-d10	1.036	1.062	1.143	1.067	1.043		1.070	4.0
Benzo(a)pyrene-d12	0.878	0.988	0.974	0.995	0.941		0.955	5.0
N-Nitroso-di-n-propylamine	1.078	1.122	1.207	1.093	0.988		1.098	7.2

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.: BN060524 SAS No.: BN060524 SDG NO.: BN060524

EPA Sample No.: SSTD020205 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 17:33

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
01 SBLK200	470222	7.68	2.16839e	10.46	1.34282e	14.32
02 BHBQ2	559054	7.68	2.38116e	10.46	1.35839e	14.32
03 BHBQ2DL	507487	7.68	2.16512e	10.46	1.27191e	14.32
04 BH5W0	557260	7.68	2.27048e	10.46	1.242e+0	14.32
05 BHBW3	469855	7.68	2.01601e	10.46	1.20044e	14.32
06 BH5S9	513881	7.68	2.20567e	10.46	1.29778e	14.32
07 BHBQ1	525475	7.68	2.2736e+	10.46	1.33429e	14.32
08 BHBQ3	514288	7.68	2.20179e	10.46	1.27899e	14.32
09 BHBQ4	536717	7.68	2.28892e	10.46	1.34707e	14.32
10 BHBQ5	502284	7.68	2.15311e	10.46	1.26009e	14.32
11 BHBQ6	551847	7.68	2.32398e	10.46	1.37649e	14.32
12 BHBQ7	483994	7.68	2.1039e+	10.46	1.22958e	14.32
13 BH5S8	564712	7.68	2.4351e+	10.46	1.37794e	14.32
14 SLCS200	469938	7.68	2.07559e	10.46	1.20552e	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG NO.: BN060524

EPA Sample No.: SSTD020272 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BN031779.D Time Analyzed: 17:33

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	673048	7.675	3.07286e+01	10.46	1.85859e+001	14.32
UPPER LIMIT	1346096	8.175	6145720	10.963	3717180	14.822
LOWER LIMIT	336524	7.175	1536430	9.963	929295	13.822
EPA SAMPLE NO.						
01 SBLK200	470222	7.68	2.16839e	10.46	1.34282e	14.32
02 BHBQ2	559054	7.68	2.38116e	10.46	1.35839e	14.32
03 BHBQ2DL	507487	7.68	2.16512e	10.46	1.27191e	14.32
04 BH5W0	557260	7.68	2.27048e	10.46	1.242e+0	14.32
05 BHBW3	469855	7.68	2.01601e	10.46	1.20044e	14.32
06 BH5S9	513881	7.68	2.20567e	10.46	1.29778e	14.32
07 BHBQ1	525475	7.68	2.2736e+	10.46	1.33429e	14.32
08 BHBQ3	514288	7.68	2.20179e	10.46	1.27899e	14.32
09 BHBQ4	536717	7.68	2.28892e	10.46	1.34707e	14.32
10 BHBQ5	502284	7.68	2.15311e	10.46	1.26009e	14.32
11 BHBQ6	551847	7.68	2.32398e	10.46	1.37649e	14.32
12 BHBQ7	483994	7.68	2.1039e+	10.46	1.22958e	14.32
13 BH5S8	564712	7.68	2.4351e+	10.46	1.37794e	14.32
14 SLCS200	469938	7.68	2.07559e	10.46	1.20552e	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060524 SAS No.: BN060524 SDG NO.: BN060524

EPA Sample No.: SSTD020205 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 17:33

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
EPA SAMPLE NO.						
01 SBLK200	2.39196	17.07	1.49338e+ *	21.30	1.61986e+ *	24.23
02 BHBQ2	1.86304	17.09	561710 *	21.36	1.74657e+ *	24.32
03 BHBQ2DL	2.13189	17.08	1.1287e+0 *	21.32	1.55515e+ *	24.26
04 BH5W0	2.03451	17.07	1.58055e+ *	21.30	1.90483e+	24.25
05 BHBW3	2.11268	17.07	1.1989e+0 *	21.31	1.46511e+ *	24.25
06 BH5S9	2.08993	17.07	1.09195e+ *	21.32	1.58938e+ *	24.26
07 BHBQ1	2.27998	17.08	1.20108e+ *	21.32	1.63331e+ *	24.26
08 BHBQ3	2.20659	17.08	1.30464e+ *	21.31	1.56936e+ *	24.25
09 BHBQ4	2.23767	17.07	1.30771e+ *	21.31	1.6467e+0 *	24.25
10 BHBQ5	2.23363	17.07	1.27238e+ *	21.30	1.53734e+ *	24.25
11 BHBQ6	2.39939	17.07	1.38983e+ *	21.30	1.66956e+ *	24.25
12 BHBQ7	2.11361	17.08	1.16897e+ *	21.31	1.5174e+0 *	24.25
13 BH5S8	2.06074	17.08	870251 *	21.34	1.81887e+	24.28
14 SLCS200	2.1069e	17.08	1.29257e+ *	21.30	1.52462e+ *	24.25

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.: BN060524 SAS No.: BN060524 SDG NO.: BN060524

EPA Sample No.: SSTD020272 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BN031779.D Time Analyzed: 17:33

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.2726e+00	17.069	2.22642e+	21.304	2.45937e+00	24.239
UPPER LIMIT	6545200	17.569	4452840	21.804	4918740	24.739
LOWER LIMIT	1636300	16.569	1113210	20.804	1229685	23.739
EPA SAMPLE NO.						
01 SBLK200	2.39196	17.07	1.49338e+	21.30	1.61986e+	24.23
02 BHBQ2	1.86304	17.09	561710 *	21.36	1.74657e+	24.32
03 BHBQ2DL	2.13189	17.08	1.1287e+0	21.32	1.55515e+	24.26
04 BH5W0	2.03451	17.07	1.58055e+	21.30	1.90483e+	24.25
05 BHBW3	2.11268	17.07	1.1989e+0	21.31	1.46511e+	24.25
06 BH5S9	2.08993	17.07	1.09195e+ *	21.32	1.58938e+	24.26
07 BHBQ1	2.27998	17.08	1.20108e+	21.32	1.63331e+	24.26
08 BHBQ3	2.20659	17.08	1.30464e+	21.31	1.56936e+	24.25
09 BHBQ4	2.23767	17.07	1.30771e+	21.31	1.6467e+0	24.25
10 BHBQ5	2.23363	17.07	1.27238e+	21.30	1.53734e+	24.25
11 BHBQ6	2.39939	17.07	1.38983e+	21.30	1.66956e+	24.25
12 BHBQ7	2.11361	17.08	1.16897e+	21.31	1.5174e+0	24.25
13 BH5S8	2.06074	17.08	870251 *	21.34	1.81887e+	24.28
14 SLCS200	2.1069e	17.08	1.29257e+	21.30	1.52462e+	24.25

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN060524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161200BS	1,4-Dioxane	530	400	ug/Kg	75				0	0		
	Benzaldehyde	1300	1400	ug/Kg	108				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0		
	Hexachloroethane	1300	890	ug/Kg	68				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	1000	ug/Kg	77				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1200	ug/Kg	92				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	260	ug/Kg	20				0	0		
	2,4,6-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	2,4,5-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	750	ug/Kg	58				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN060524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161200BS	4,6-Dinitro-2-methylphenol	1300	990	ug/Kg	76				0	0	
	N-Nitrosodiphenylamine	1300	1400	ug/Kg	108				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0	
	4-Bromophenyl-phenylether	1300	1400	ug/Kg	108				0	0	
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Atrazine	1300	1200	ug/Kg	92				0	0	
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0	
	Phenanthrene	1300	1200	ug/Kg	92				0	0	
	Pentachlorobenzene	1300	1400	ug/Kg	108				0	0	
	Anthracene	1300	1200	ug/Kg	92				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1400	ug/Kg	108				0	0	
	Carbazole	1300	1200	ug/Kg	92				0	0	
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0	
	Fluoranthene	1300	1500	ug/Kg	115				0	0	
	Pyrene	1300	1500	ug/Kg	115				0	0	
	Butylbenzylphthalate	1300	1500	ug/Kg	115				0	0	
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0	
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0	
	Chrysene	1300	1200	ug/Kg	92				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0	
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0	
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0	
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0	
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK200

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060524

SAS No.: BN060524 SDG NO.: BN060524

Lab File ID: BN031780.D

Lab Sample ID: PB161200BL

Instrument ID: BNA_N

Date Extracted: 05/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 17:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBQ2	P2591-11	BN031781.D	06/04/2024
BH5W0	P2591-01	BN031783.D	06/04/2024
BHBW3	P2591-17	BN031784.D	06/04/2024
BH5S9	P2591-06	BN031785.D	06/04/2024
BHBQ1	P2591-10	BN031786.D	06/04/2024
BHBQ3	P2591-12	BN031787.D	06/04/2024
BHBQ4	P2591-13	BN031788.D	06/04/2024
BHBQ5	P2591-14	BN031789.D	06/04/2024
BHBQ6	P2591-15	BN031790.D	06/05/2024
BHBQ7	P2591-16	BN031791.D	06/05/2024
BH5S8	P2591-05	BN031792.D	06/05/2024
PB161200BS	PB161200BS	BN031793.D	06/05/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN060524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-01	BH5W0	BN031783.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	3.23	8	*	20	120
			Phenol-d5	40	19.41	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.28	48		10	150
			2-Chlorophenol-d4	40	20.53	51		15	120
			4-Methylphenol-d8	40	18.13	45		10	140
			Nitrobenzene-d5	40	21.94	55		10	135
			2-Nitrophenol-d4	40	21.71	54		10	120
			2,4-Dichlorophenol-d3	40	19.98	50		10	140
			4-Chloroaniline-d4	40	15.26	38		1	145
			Dimethylphthalate-d6	40	21.69	54		10	145
			Acenaphthylene-d8	40	22.39	56		15	120
			4-Nitrophenol-d4	40	8.22	21		10	150
			Fluorene-d10	40	20.56	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.20	20		10	130
			Anthracene-d10	40	22.72	57		10	150
			Pyrene-d10	40	23.40	59		10	130
			Benzo(a)pyrene-d12	40	22.24	56		10	140
P2591-05	BH5S8	BN031792.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	9.61	24		20	120
			Phenol-d5	40	22.06	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.99	50		10	150
			2-Chlorophenol-d4	40	22.70	57		15	120
			4-Methylphenol-d8	40	21.28	53		10	140
			Nitrobenzene-d5	40	22.85	57		10	135
			2-Nitrophenol-d4	40	23.96	60		10	120
			2,4-Dichlorophenol-d3	40	22.20	55		10	140
			4-Chloroaniline-d4	40	10.53	26		1	145
			Dimethylphthalate-d6	40	22.61	57		10	145
			Acenaphthylene-d8	40	23.37	58		15	120
			4-Nitrophenol-d4	40	15.99	40		10	150
			Fluorene-d10	40	21.59	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.90	15		10	130
			Anthracene-d10	40	23.03	58		10	150
			Pyrene-d10	40	30.46	76		10	130
			Benzo(a)pyrene-d12	40	16.17	40		10	140
P2591-06	BH5S9	BN031785.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Pyridine-d5	40	7.86	20		20	120
			Phenol-d5	40	20.47	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.89	47		10	150
			2-Chlorophenol-d4	40	21.47	54		15	120
			4-Methylphenol-d8	40	19.13	48		10	140
			Nitrobenzene-d5	40	21.42	54		10	135
			2-Nitrophenol-d4	40	22.40	56		10	120
			2,4-Dichlorophenol-d3	40	21.22	53		10	140
			4-Chloroaniline-d4	40	10.73	27		1	145
			Dimethylphthalate-d6	40	21.44	54		10	145
			Acenaphthylene-d8	40	21.99	55		15	120
			4-Nitrophenol-d4	40	16.02	40		10	150

Surrogate Summary

SW-846

SDG No.: **BN060524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-06	BH5S9	BN031785.D	Fluorene-d10	40	21.61	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.45	19		10	130
			Anthracene-d10	40	22.82	57		10	150
			Pyrene-d10	40	25.52	64		10	130
			Benzo(a)pyrene-d12	40	15.98	40		10	140
P2591-10	BHBQ1	BN031786.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Pyridine-d5	40	4.98	12	*	20	120
			Phenol-d5	40	22.42	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.87	52		10	150
			2-Chlorophenol-d4	40	23.39	58		15	120
			4-Methylphenol-d8	40	21.60	54		10	140
			Nitrobenzene-d5	40	23.53	59		10	135
			2-Nitrophenol-d4	40	24.43	61		10	120
			2,4-Dichlorophenol-d3	40	22.86	57		10	140
			4-Chloroaniline-d4	40	11.58	29		1	145
			Dimethylphthalate-d6	40	23.71	59		10	145
			Acenaphthylene-d8	40	23.82	60		15	120
			4-Nitrophenol-d4	40	15.47	39		10	150
			Fluorene-d10	40	22.63	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.95	22		10	130
			Anthracene-d10	40	23.58	59		10	150
			Pyrene-d10	40	27.20	68		10	130
			Benzo(a)pyrene-d12	40	16.61	42		10	140
P2591-11	BHBQ2	BN031781.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	13.11	33		20	120
			Phenol-d5	40	22.44	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.91	50		10	150
			2-Chlorophenol-d4	40	22.81	57		15	120
			4-Methylphenol-d8	40	20.49	51		10	140
			Nitrobenzene-d5	40	22.20	56		10	135
			2-Nitrophenol-d4	40	22.05	55		10	120
			2,4-Dichlorophenol-d3	40	22.67	57		10	140
			4-Chloroaniline-d4	40	10.78	27		1	145
			Dimethylphthalate-d6	40	22.55	56		10	145
			Acenaphthylene-d8	40	22.58	56		15	120
			4-Nitrophenol-d4	40	14.04	35		10	150
			Fluorene-d10	40	21.12	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.16	20		10	130
			Anthracene-d10	40	24.51	61		10	150
			Pyrene-d10	40	44.23	111		10	130
			Benzo(a)pyrene-d12	40	17.61	44		10	140
P2591-11DL	BHBQ2DL	BN031782.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	12.59	31		20	120
			Phenol-d5	40	24.96	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.63	57		10	150
			2-Chlorophenol-d4	40	25.94	65		15	120
			4-Methylphenol-d8	40	22.73	57		10	140
			Nitrobenzene-d5	40	24.05	60		10	135
			2-Nitrophenol-d4	40	23.37	58		10	120

Surrogate Summary

SW-846

SDG No.: **BN060524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-11DL	BHBQ2DL	BN031782.D	2,4-Dichlorophenol-d3	40	24.56	61		10	140
			4-Chloroaniline-d4	40	11.68	29		1	145
			Dimethylphthalate-d6	40	26.60	67		10	145
			Acenaphthylene-d8	40	26.60	67		15	120
			4-Nitrophenol-d4	40	14.21	36		10	150
			Fluorene-d10	40	26.49	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.05	15		10	130
			Anthracene-d10	40	28.06	70		10	150
			Pyrene-d10	40	33.71	84		10	130
			Benzo(a)pyrene-d12	40	22.05	55		10	140
P2591-12	BHBQ3	BN031787.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Pyridine-d5	40	4.51	11	*	20	120
			Phenol-d5	40	23.55	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.24	56		10	150
			2-Chlorophenol-d4	40	24.41	61		15	120
			4-Methylphenol-d8	40	22.54	56		10	140
			Nitrobenzene-d5	40	25.38	63		10	135
			2-Nitrophenol-d4	40	25.79	64		10	120
			2,4-Dichlorophenol-d3	40	24.93	62		10	140
			4-Chloroaniline-d4	40	16.87	42		1	145
			Dimethylphthalate-d6	40	26.15	65		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	15.21	38		10	150
			Fluorene-d10	40	25.78	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.41	24		10	130
			Anthracene-d10	40	27.78	69		10	150
			Pyrene-d10	40	30.58	76		10	130
			Benzo(a)pyrene-d12	40	21.29	53		10	140
P2591-13	BHBQ4	BN031788.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	13.08	33		20	120
			Phenol-d5	40	27.82	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.73	64		10	150
			2-Chlorophenol-d4	40	28.83	72		15	120
			4-Methylphenol-d8	40	26.47	66		10	140
			Nitrobenzene-d5	40	29.08	73		10	135
			2-Nitrophenol-d4	40	30.58	76		10	120
			2,4-Dichlorophenol-d3	40	28.67	72		10	140
			4-Chloroaniline-d4	40	19.36	48		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	28.78	72		15	120
			4-Nitrophenol-d4	40	21.48	54		10	150
			Fluorene-d10	40	27.79	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.09	30		10	130
			Anthracene-d10	40	30.08	75		10	150
			Pyrene-d10	40	33.61	84		10	130
			Benzo(a)pyrene-d12	40	22.83	57		10	140
P2591-14	BHBQ5	BN031789.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	14.42	36		20	120
			Phenol-d5	40	27.95	70		10	130

Surrogate Summary

SW-846

SDG No.: BN060524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-14	BHBQ5	BN031789.D	Bis(2-Chloroethyl)ether-d8	40	25.76	64		10	150
			2-Chlorophenol-d4	40	29.12	73		15	120
			4-Methylphenol-d8	40	26.77	67		10	140
			Nitrobenzene-d5	40	29.28	73		10	135
			2-Nitrophenol-d4	40	30.51	76		10	120
			2,4-Dichlorophenol-d3	40	28.17	70		10	140
			4-Chloroaniline-d4	40	22.38	56		1	145
			Dimethylphthalate-d6	40	29.06	73		10	145
			Acenaphthylene-d8	40	29.27	73		15	120
			4-Nitrophenol-d4	40	22.25	56		10	150
			Fluorene-d10	40	28.50	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.61	32		10	130
			Anthracene-d10	40	30.26	76		10	150
			Pyrene-d10	40	35.44	89		10	130
			Benzo(a)pyrene-d12	40	23.30	58		10	140
P2591-15	BHBQ6	BN031790.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	13.91	35		20	120
			Phenol-d5	40	26.33	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.03	60		10	150
			2-Chlorophenol-d4	40	27.17	68		15	120
			4-Methylphenol-d8	40	25.00	62		10	140
			Nitrobenzene-d5	40	27.95	70		10	135
			2-Nitrophenol-d4	40	29.07	73		10	120
			2,4-Dichlorophenol-d3	40	28.09	70		10	140
			4-Chloroaniline-d4	40	14.37	36		1	145
			Dimethylphthalate-d6	40	28.76	72		10	145
			Acenaphthylene-d8	40	28.66	72		15	120
			4-Nitrophenol-d4	40	22.78	57		10	150
			Fluorene-d10	40	28.29	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.80	29		10	130
			Anthracene-d10	40	30.11	75		10	150
			Pyrene-d10	40	32.78	82		10	130
P2591-16	BHBQ7	BN031791.D	Benzo(a)pyrene-d12	40	20.89	52		10	140
			1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	11.91	30		20	120
			Phenol-d5	40	29.22	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.19	68		10	150
			2-Chlorophenol-d4	40	30.49	76		15	120
			4-Methylphenol-d8	40	28.05	70		10	140
			Nitrobenzene-d5	40	30.17	75		10	135
			2-Nitrophenol-d4	40	31.76	79		10	120
			2,4-Dichlorophenol-d3	40	28.73	72		10	140
			4-Chloroaniline-d4	40	18.04	45		1	145
			Dimethylphthalate-d6	40	29.55	74		10	145
			Acenaphthylene-d8	40	29.92	75		15	120
			4-Nitrophenol-d4	40	22.41	56		10	150
			Fluorene-d10	40	28.96	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.82	30		10	130
			Anthracene-d10	40	31.13	78		10	150

Surrogate Summary

SW-846

SDG No.: BN060524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-16	BHBQ7	BN031791.D	Pyrene-d10	40	33.11	83		10	130
			Benzo(a)pyrene-d12	40	21.36	53		10	140
P2591-17	BHBW3	BN031784.D	Pyridine-d5	40	2.53	6	*	20	120
			1,4-Dioxane-d8	8	3.64	46		15	120
			Phenol-d5	40	22.82	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.66	57		10	150
			2-Chlorophenol-d4	40	24.38	61		15	120
			4-Methylphenol-d8	40	22.19	55		10	140
			Nitrobenzene-d5	40	25.56	64		10	135
			2-Nitrophenol-d4	40	24.51	61		10	120
			2,4-Dichlorophenol-d3	40	24.38	61		10	140
			4-Chloroaniline-d4	40	17.64	44		1	145
			Dimethylphthalate-d6	40	25.82	65		10	145
			Acenaphthylene-d8	40	26.28	66		15	120
			4-Nitrophenol-d4	40	12.13	30		10	150
			Fluorene-d10	40	25.97	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.30	21		10	130
			Anthracene-d10	40	28.09	70		10	150
			Pyrene-d10	40	31.42	79		10	130
			Benzo(a)pyrene-d12	40	19.81	50		10	140
PB161200BL	PB161200BL	BN031780.D	Pyridine-d5	40	32.40	81		20	120
			1,4-Dioxane-d8	8	5.75	72		15	120
			Phenol-d5	40	34.33	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.12	80		10	150
			2-Chlorophenol-d4	40	34.75	87		15	120
			4-Methylphenol-d8	40	34.74	87		10	140
			Nitrobenzene-d5	40	33.75	84		10	135
			2-Nitrophenol-d4	40	34.34	86		10	120
			2,4-Dichlorophenol-d3	40	32.53	81		10	140
			4-Chloroaniline-d4	40	34.42	86		1	145
			Dimethylphthalate-d6	40	33.45	84		10	145
			Acenaphthylene-d8	40	33.83	85		15	120
			4-Nitrophenol-d4	40	26.27	66		10	150
			Fluorene-d10	40	32.66	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.05	38		10	130
			Anthracene-d10	40	35.09	88		10	150
			Pyrene-d10	40	40.55	101		10	130
			Benzo(a)pyrene-d12	40	34.78	87		10	140
PB161200BS	PB161200BS	BN031793.D	1,4-Dioxane-d8	8	6.34	79		15	120
			Pyridine-d5	40	33.63	84		20	120
			Phenol-d5	40	38.23	96		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.13	88		10	150
			2-Chlorophenol-d4	40	39.53	99		15	120
			4-Methylphenol-d8	40	37.51	94		10	140
			Nitrobenzene-d5	40	38.84	97		10	135
			2-Nitrophenol-d4	40	40.57	101		10	120
			2,4-Dichlorophenol-d3	40	37.53	94		10	140
			4-Chloroaniline-d4	40	35.96	90		1	145
			Dimethylphthalate-d6	40	35.65	89		10	145



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

Surrogate Summary

SW-846

SDG No.: BN060524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161200BS	PB161200BS	BN031793.D	Acenaphthylene-d8	40	37.12	93		15	120
			4-Nitrophenol-d4	40	33.69	84		10	150
			Fluorene-d10	40	35.52	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.81	75		10	130
			Anthracene-d10	40	37.83	95		10	150
			Pyrene-d10	40	44.04	110		10	130
			Benzo(a)pyrene-d12	40	38.09	95		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060524

Lab Code: CHEM

SAS No.: BN060524

SDG NO.: BN060524

Lab File ID: BN031778.D

DFTPP Injection Date: 06/04/2024

Instrument ID: BNA_N

DFTPP Injection Time: 16:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	59.9
443	15.0 - 24.0% of mass 442	10.7 (17.9) 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
SSTD020272	SSTDCCC020	BN031779.D	06/04/2024	16:53
SBLK200	PB161200BL	BN031780.D	06/04/2024	17:33
BHBQ2	P2591-11	BN031781.D	06/04/2024	18:12
BHBQ2DL	P2591-11DL	BN031782.D	06/04/2024	18:52
BH5W0	P2591-01	BN031783.D	06/04/2024	19:31
BHBW3	P2591-17	BN031784.D	06/04/2024	20:11
BH5S9	P2591-06	BN031785.D	06/04/2024	20:50
BHBQ1	P2591-10	BN031786.D	06/04/2024	21:30
BHBQ3	P2591-12	BN031787.D	06/04/2024	22:09
BHBQ4	P2591-13	BN031788.D	06/04/2024	22:49
BHBQ5	P2591-14	BN031789.D	06/04/2024	23:28
BHBQ6	P2591-15	BN031790.D	06/05/2024	00:08
BHBQ7	P2591-16	BN031791.D	06/05/2024	00:47
BH5S8	P2591-05	BN031792.D	06/05/2024	01:26
SLCS200	PB161200BS	BN031793.D	06/05/2024	02:05
SSTD020273	SSTDCCC020EC	BN031794.D	06/05/2024	03:24