

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG No.: BN053124

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:10:25

Lab File ID: BN031735.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020268 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	0.476	0.010	-8.0089	40.0
Benzaldehyde	0.804	0.639	0.010	-20.4976	40.0
Pyridine	1.361	1.302	0.010	-4.285	40.0
Phenol	1.745	1.706	0.080	-2.2551	20.0
Bis(2-Chloroethyl)ether	1.443	1.418	0.100	-1.7143	20.0
2-Chlorophenol	1.369	1.346	0.200	-1.697	20.0
2-Methylphenol	1.348	1.320	0.010	-2.0657	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.599	0.010	-3.7216	40.0
Acetophenone	2.118	2.173	0.060	2.6036	20.0
4-Methylphenol	1.461	1.451	0.010	-0.7126	20.0
N-Nitroso-di-n-propylamine	1.098	1.101	0.050	0.3083	30.0
Hexachloroethane	0.580	0.559	0.100	-3.6186	20.0
Nitrobenzene	0.364	0.343	0.050	-5.833	25.0
Isophorone	0.747	0.703	0.050	-5.8997	25.0
2-Nitrophenol	0.173	0.171	0.050	-0.9573	25.0
2,4-Dimethylphenol	0.336	0.323	0.050	-3.8184	25.0
Bis(2-Chloroethoxy)methane	0.466	0.440	0.050	-5.571	20.0
2,4-Dichlorophenol	0.291	0.282	0.060	-3.2896	20.0
Naphthalene	1.035	0.980	0.200	-5.3585	20.0
4-Chloroaniline	0.425	0.426	0.010	0.1759	40.0
Hexachlorobutadiene	0.175	0.163	0.040	-6.8156	30.0
Caprolactam	0.114	0.108	0.010	-4.8382	40.0
4-Chloro-3-methylphenol	0.340	0.330	0.040	-3.0491	25.0
1-Methylnaphthalene	0.710	0.682	0.100	-3.8973	20.0
2-Methylnaphthalene	0.708	0.689	0.100	-2.5943	20.0
Hexachlorocyclopentadiene	0.305	0.280	0.010	-8.0331	40.0
2,4,6-Trichlorophenol	0.359	0.351	0.090	-2.1282	25.0
2,4,5-Trichlorophenol	0.390	0.381	0.100	-2.4501	25.0
1,1-Biphenyl	1.407	1.329	0.200	-5.553	20.0
2-Chloronaphthalene	1.102	1.044	0.300	-5.2616	20.0
2-Nitroaniline	0.319	0.302	0.050	-5.3525	40.0
Dimethylphthalate	1.425	1.351	0.300	-5.1821	20.0
2,6-Dinitrotoluene	0.283	0.280	0.080	-0.9736	30.0
Acenaphthylene	1.811	1.743	0.400	-3.7515	20.0
3-Nitroaniline	0.303	0.265	0.010	-12.3478	40.0
Acenaphthene	1.198	1.145	0.200	-4.4045	20.0
2,4-Dinitrophenol	0.143	0.137	0.010	-4.2151	40.0
4-Nitrophenol	0.207	0.195	0.010	-5.8941	40.0
Dibenzofuran	1.628	1.545	0.300	-5.0655	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG No.: BN053124

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:10:25

Lab File ID: BN031735.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020268 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	0.407	0.070	-2.015	30.0
Diethylphthalate	1.470	1.381	0.300	-6.1031	20.0
Fluorene	1.311	1.284	0.200	-2.0019	20.0
4-Chlorophenyl-phenylether	0.635	0.614	0.100	-3.2161	20.0
4-Nitroaniline	0.288	0.258	0.010	-10.4693	40.0
4,6-Dinitro-2-methylphenol	0.107	0.108	0.010	0.8745	40.0
N-Nitrosodiphenylamine	0.551	0.528	0.050	-4.2641	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.503	0.100	-4.8513	20.0
4-Bromophenyl-phenylether	0.194	0.181	0.070	-6.6063	20.0
Hexachlorobenzene	0.220	0.204	0.050	-7.2516	25.0
Atrazine	0.174	0.160	0.010	-8.2172	25.0
Pentachlorophenol	0.141	0.134	0.010	-4.3843	40.0
Phenanthrene	1.019	0.952	0.200	-6.5969	20.0
Pentachlorobenzene	0.251	0.235	0.050	-6.4351	20.0
Anthracene	1.032	0.965	0.200	-6.4856	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.243	0.050	-5.7815	20.0
Carbazole	0.880	0.913	0.050	3.7472	40.0
Di-n-butylphthalate	1.211	1.167	0.500	-3.6093	25.0
Fluoranthene	1.279	1.377	0.400	7.6215	25.0
Pyrene	1.312	1.372	0.400	4.5834	25.0
Butylbenzylphthalate	0.620	0.647	0.100	4.425	40.0
3,3-Dichlorobenzidine	0.384	0.372	0.010	-3.1281	40.0
Benzo (a) anthracene	1.339	1.256	0.300	-6.1691	30.0
Chrysene	1.250	1.172	0.200	-6.288	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.921	0.200	1.9552	40.0
Di-n-octyl phthalate	1.339	1.703	0.010	27.1724	40.0
Benzo (b) fluoranthene	1.195	1.160	0.200	-2.9572	25.0
Benzo (k) fluoranthene	1.173	1.161	0.200	-1.0359	25.0
Benzo (a) pyrene	1.120	1.049	0.200	-6.2785	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.070	0.200	-17.1008	25.0
Dibenzo (a,h) anthracene	1.053	0.894	0.200	-15.1574	30.0
Benzo (g,h,i) perylene	1.026	0.835	0.200	-18.547	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.317	0.040	-2.8271	20.0
1,4-Dioxane-d8	0.483	0.432	0.010	-10.5375	25.0
Pyridine-d5	1.361	1.327	0.010	-2.4761	40.0
Phenol-d5	1.715	1.689	0.010	-1.4704	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.971	0.050	-3.1701	25.0
2-Chlorophenol-d4	1.308	1.282	0.200	-2.0253	20.0
4-Methylphenol-d8	1.398	1.376	0.010	-1.5122	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG No.: BN053124
 Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:10:25
 Lab File ID: BN031735.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020268 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.148	0.050	-3.1238	20.0
2-Nitrophenol-d4	0.158	0.158	0.050	0.282	30.0
2,4-Dichlorophenol-d3	0.295	0.284	0.060	-3.6449	20.0
4-Chloroaniline-d4	0.438	0.432	0.010	-1.436	40.0
Dimethylphthalate-d6	1.393	1.316	0.300	-5.5693	20.0
Acenaphthylene-d8	1.602	1.506	0.400	-5.9892	20.0
4-Nitrophenol-d4	0.279	0.269	0.010	-3.5483	40.0
Fluorene-d10	1.179	1.115	0.100	-5.4605	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.097	0.010	-3.1943	40.0
Anthracene-d10	0.856	0.804	0.300	-6.0942	20.0
Pyrene-d10	1.070	1.133	0.300	5.8963	25.0
Benzo(a)pyrene-d12	0.955	0.881	0.010	-7.7543	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.: BN053124 SAS No.: BN053124 SDG No.: BN053124

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:20:53

Lab File ID: BN031751.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020269 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	0.485	0.010	-6.2823	50.0
Benzaldehyde	0.804	0.607	0.010	-24.522	50.0
Pyridine	1.361	1.349	0.010	-0.8569	50.0
Phenol	1.745	1.840	0.080	5.4278	50.0
Bis(2-Chloroethyl)ether	1.443	1.518	0.100	5.1754	50.0
2-Chlorophenol	1.369	1.452	0.200	6.0696	50.0
2-Methylphenol	1.348	1.426	0.010	5.8351	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.648	0.010	-0.7653	50.0
Acetophenone	2.118	2.235	0.060	5.5237	50.0
4-Methylphenol	1.461	1.524	0.010	4.3397	50.0
N-Nitroso-di-n-propylamine	1.098	1.087	0.050	-0.9539	50.0
Hexachloroethane	0.580	0.576	0.100	-0.561	50.0
Nitrobenzene	0.364	0.370	0.050	1.4524	50.0
Isophorone	0.747	0.709	0.050	-5.1059	50.0
2-Nitrophenol	0.173	0.189	0.050	9.7453	50.0
2,4-Dimethylphenol	0.336	0.344	0.050	2.3515	50.0
Bis(2-Chloroethoxy)methane	0.466	0.453	0.050	-2.6863	50.0
2,4-Dichlorophenol	0.291	0.301	0.060	3.2749	50.0
Naphthalene	1.035	1.060	0.200	2.4107	50.0
4-Chloroaniline	0.425	0.420	0.010	-1.2222	50.0
Hexachlorobutadiene	0.175	0.181	0.040	3.6304	50.0
Caprolactam	0.114	0.101	0.010	-11.0484	50.0
4-Chloro-3-methylphenol	0.340	0.332	0.040	-2.3702	50.0
1-Methylnaphthalene	0.710	0.699	0.100	-1.6029	50.0
2-Methylnaphthalene	0.708	0.710	0.100	0.4184	50.0
Hexachlorocyclopentadiene	0.305	0.194	0.010	-36.4891	50.0
2,4,6-Trichlorophenol	0.359	0.390	0.090	8.7283	50.0
2,4,5-Trichlorophenol	0.390	0.411	0.100	5.4314	50.0
1,1-Biphenyl	1.407	1.464	0.200	4.0495	50.0
2-Chloronaphthalene	1.102	1.154	0.300	4.7485	50.0
2-Nitroaniline	0.319	0.325	0.050	1.7878	50.0
Dimethylphthalate	1.425	1.396	0.300	-2.0481	50.0
2,6-Dinitrotoluene	0.283	0.294	0.080	3.8676	50.0
Acenaphthylene	1.811	1.879	0.400	3.8035	50.0
3-Nitroaniline	0.303	0.300	0.010	-0.8868	50.0
Acenaphthene	1.198	1.214	0.200	1.3144	50.0
2,4-Dinitrophenol	0.143	0.103	0.010	-27.7031	50.0
4-Nitrophenol	0.207	0.182	0.010	-12.2303	50.0
Dibenzofuran	1.628	1.649	0.300	1.319	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG No.: BN053124

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1: 20:53

Lab File ID: BN031751.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020269 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	-3.3577	50.0
Diethylphthalate	1.470	1.387	0.300	-5.6651	50.0
Fluorene	1.311	1.298	0.200	-0.9582	50.0
4-Chlorophenyl-phenylether	0.635	0.637	0.100	0.3949	50.0
4-Nitroaniline	0.288	0.298	0.010	3.2496	50.0
4,6-Dinitro-2-methylphenol	0.107	0.097	0.010	-9.1785	50.0
N-Nitrosodiphenylamine	0.551	0.628	0.050	13.9666	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.573	0.100	8.2901	50.0
4-Bromophenyl-phenylether	0.194	0.217	0.070	11.9782	50.0
Hexachlorobenzene	0.220	0.229	0.050	4.0511	50.0
Atrazine	0.174	0.175	0.010	0.824	50.0
Pentachlorophenol	0.141	0.139	0.010	-1.4184	50.0
Phenanthrene	1.019	1.053	0.200	3.3215	50.0
Pentachlorobenzene	0.251	0.287	0.050	14.4585	50.0
Anthracene	1.032	1.051	0.200	1.8109	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.322	0.050	25.2576	50.0
Carbazole	0.880	0.911	0.050	3.4976	50.0
Di-n-butylphthalate	1.211	1.260	0.500	4.0007	50.0
Fluoranthene	1.279	1.697	0.400	32.7023	50.0
Pyrene	1.312	1.663	0.400	26.7338	50.0
Butylbenzylphthalate	0.620	0.753	0.100	21.4262	50.0
3,3-Dichlorobenzidine	0.384	0.273	0.010	-28.7521	50.0
Benzo (a) anthracene	1.339	1.371	0.300	2.4386	50.0
Chrysene	1.250	1.294	0.200	3.4541	50.0
Bis(2-ethylhexyl)phthalate	0.904	1.070	0.200	18.4474	50.0
Di-n-octyl phthalate	1.339	1.398	0.010	4.4335	50.0
Benzo (b) fluoranthene	1.195	1.168	0.200	-2.3333	50.0
Benzo (k) fluoranthene	1.173	1.118	0.200	-4.7119	50.0
Benzo (a) pyrene	1.120	1.118	0.200	-0.1811	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.382	0.200	7.1189	50.0
Dibenzo (a,h) anthracene	1.053	1.149	0.200	9.0366	50.0
Benzo (g,h,i) perylene	1.026	1.139	0.200	11.1031	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.328	0.040	0.4274	50.0
1,4-Dioxane-d8	0.483	0.460	0.010	-4.93	50.0
Pyridine-d5	1.361	1.352	0.010	-0.6532	50.0
Phenol-d5	1.715	1.818	0.010	6.0381	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.026	0.050	2.2663	50.0
2-Chlorophenol-d4	1.308	1.405	0.200	7.3697	50.0
4-Methylphenol-d8	1.398	1.458	0.010	4.3363	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG No.: BN053124
 Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1: 20:53
 Lab File ID: BN031751.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020269 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.164	0.050	7.5502	50.0
2-Nitrophenol-d4	0.158	0.176	0.050	11.4019	50.0
2,4-Dichlorophenol-d3	0.295	0.311	0.060	5.2959	50.0
4-Chloroaniline-d4	0.438	0.427	0.010	-2.5766	50.0
Dimethylphthalate-d6	1.393	1.357	0.300	-2.62	50.0
Acenaphthylene-d8	1.602	1.642	0.400	2.4805	50.0
4-Nitrophenol-d4	0.279	0.249	0.010	-10.572	50.0
Fluorene-d10	1.179	1.164	0.100	-1.2753	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.088	0.010	-12.1681	50.0
Anthracene-d10	0.856	0.875	0.300	2.2164	50.0
Pyrene-d10	1.070	1.357	0.300	26.7871	50.0
Benzo(a)pyrene-d12	0.955	0.962	0.010	0.7388	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053124
Lab Sample ID:	PB161108BL	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
BN031736.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053124
Lab Sample ID:	PB161108BL	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
BN031736.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053124
Lab Sample ID:	PB161108BL	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
BN031736.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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	5.239		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	27.263		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.77		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.162		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.337		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.983		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.033		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.22		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.957		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.48		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.997		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.006		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.493		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	28.2		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053124
Lab Sample ID:	PB161108BL	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
BN031736.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.795		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	28.393		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	31.043		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.541		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	463071	7.681				
1146-65-2	Naphthalene-d8	2082797	10.463				
15067-26-2	Acenaphthene-d10	1452801	14.322				
1517-22-2	Phenanthrene-d10	3139511	17.068				
1719-03-5	Chrysene-d12	2632333	21.304				
1520-96-3	Perylene-d12	2380420	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	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:	BHBM9	SDG No.:	BN053124
Lab Sample ID:	P2549-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031737.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.1	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97.1	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	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:	BHBM9	SDG No.:	BN053124
Lab Sample ID:	P2549-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031737.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.1	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	68	U	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.1	390	ug/Kg
85-01-8	Phenanthrene	62	U	62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	55	J	55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.1	200	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:	BHBM9	SDG No.:	BN053124
Lab Sample ID:	P2549-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031737.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50	200	ug/Kg
218-01-9	Chrysene	54	U	54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.453		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.474		20-120		56	SPK: -40
4165-62-2	Phenol-d5	26.198		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.895		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.864		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.181		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.098		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.039		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.407		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.718		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.495		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.134		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.971		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.677		20-140		67	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:	BHBM9	SDG No.:	BN053124
Lab Sample ID:	P2549-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031737.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.072		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	30.656		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	31.755		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.59		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	688583	7.681				
1146-65-2	Naphthalene-d8	2829261	10.463				
15067-26-2	Acenaphthene-d10	1498421	14.322				
1517-22-2	Phenanthrene-d10	2485978	17.069				
1719-03-5	Chrysene-d12	1945254	21.304				
1520-96-3	Perylene-d12	2299768	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			17.975	
000057-11-4	Octadecanoic acid	91	J			19.263	
E966796	Total Alkanes	54	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:	BHBN1	SDG No.:	BN053124
Lab Sample ID:	P2549-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031738.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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	120	J	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	52.4	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	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.4	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.4	210	ug/Kg
91-20-3	Naphthalene	340		41	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.4	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	170	J	23	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	220		46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.4	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:	BHBN1	SDG No.:	BN053124
Lab Sample ID:	P2549-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031738.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	J	57	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.4	210	ug/Kg
208-96-8	Acenaphthylene	540		57	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	360		62	52.4	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	430		49	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.4	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.4	210	ug/Kg
86-73-7	Fluorene	520		71	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.4	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	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	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	4700	E	65	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.4	210	ug/Kg
120-12-7	Anthracene	1200		58	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.4	210	ug/Kg
86-74-8	Carbazole	730		75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.4	210	ug/Kg
206-44-0	Fluoranthene	7700	E	55	100	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:	BHBN1	SDG No.:	BN053124
Lab Sample ID:	P2549-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031738.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7000	E	57	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4000	E	48	52.4	210	ug/Kg
218-01-9	Chrysene	4400	E	57	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800	E	59	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		71	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	3700	E	70	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		55	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790		64	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2600		57	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.127		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.243		20-120		36	SPK: -40
4165-62-2	Phenol-d5	21.34		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.624		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.199		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.848		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.454		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.219		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.132		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.636		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.792		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.658		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.286		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	22.574		20-140		56	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:	BHBN1	SDG No.:	BN053124
Lab Sample ID:	P2549-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031738.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.231		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	23.682		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	29.572		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.614		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	594213	7.681				
1146-65-2	Naphthalene-d8	2548554	10.463				
15067-26-2	Acenaphthene-d10	1495633	14.322				
1517-22-2	Phenanthrene-d10	2574867	17.075				
1719-03-5	Chrysene-d12	1352465	21.316				
1520-96-3	Perylene-d12	1675807	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.204	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	260	J			15.669	
007320-53-8	Dibenzofuran, 4-methyl-	400	J			15.816	
001430-97-3	9H-Fluorene, 2-methyl-	310	J			16.381	
129812-23-3	Naphtho[2,1-b]furan, 1,2-dimethyl-	230	J			16.604	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	180	J			16.645	
000486-25-9	9H-Fluoren-9-one	520	J			16.728	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	370	J			16.804	
000132-65-0	Dibenzothiophene	400	J			16.886	
000229-87-8	Phenanthridine	220	J			17.257	
019174-78-8	Benzo[c]cinnoline, 4-methyl-	240	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	970	J			17.945	
000613-12-7	Anthracene, 2-methyl-	1600	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J			18.139	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	570	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	640	J			18.451	
000084-65-1	9,10-Anthracenedione	660	J			18.492	

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:	BHBN1	SDG No.:	BN053124
Lab Sample ID:	P2549-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031738.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
052251-71-5	Anthracene, 2-ethyl-	300	J			18.698	
001576-67-6	Phenanthrene, 3,6-dimethyl-	220	J			18.745	
002789-88-0	di-p-Tolylacetylene	190	J			18.786	
003674-66-6	Phenanthrene, 2,5-dimethyl-	780	J			18.869	
	unknown-01	450	J			18.927	
007469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	230	J			18.963	
005737-13-3	Cyclopenta(def)phenanthrenone	660	J			19.016	
000243-17-4	11H-Benzo[b]fluorene	190	J			19.827	
000082-05-3	7H-Benz[de]anthracen-7-one	200	J			21.063	
000520-29-6	4,5-Dihydroxy-7-methoxyflavanone	440	J			22.904	
000192-97-2	Benzo[e]pyrene	630	J			23.563	
000198-55-0	Perylene	2000	J			23.992	
	unknown-02	1100	J			24.327	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL2	SDG No.:	BN053124
Lab Sample ID:	P2569-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031739.D	20	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280	U	280	160	1600	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1900	7800	ug/Kg
110-86-1	Pyridine	280	U	280	3900	7800	ug/Kg
108-95-2	Phenol	1100	U	1100	1900	7800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	830	U	830	1900	7800	ug/Kg
95-57-8	2-Chlorophenol	520	U	520	1000	4000	ug/Kg
95-48-7	2-Methylphenol	920	U	920	1900	7800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	680	U	680	1900	7800	ug/Kg
98-86-2	Acetophenone	1400	U	1400	1900	7800	ug/Kg
106-44-5	4-Methylphenol	970	U	970	1900	7800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870	U	870	1000	4000	ug/Kg
67-72-1	Hexachloroethane	380	U	380	1000	4000	ug/Kg
98-95-3	Nitrobenzene	640	U	640	1000	4000	ug/Kg
78-59-1	Isophorone	850	U	850	1000	4000	ug/Kg
88-75-5	2-Nitrophenol	710	U	710	1000	4000	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	1000	4000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	730	U	730	1000	4000	ug/Kg
120-83-2	2,4-Dichlorophenol	800	U	800	1000	4000	ug/Kg
91-20-3	Naphthalene	780	U	780	1000	4000	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	1000	7800	ug/Kg
87-68-3	Hexachlorobutadiene	610	U	610	1000	4000	ug/Kg
105-60-2	Caprolactam	940	U	940	1900	7800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850	U	850	1000	4000	ug/Kg
90-12-0	1-Methylnaphthalene	450	U	450	1000	4000	ug/Kg
91-57-6	2-Methylnaphthalene	870	U	870	1000	4000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450	U	450	1900	7800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1000	4000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	1000	4000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL2	SDG No.:	BN053124
Lab Sample ID:	P2569-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031739.D	20	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	1000	4000	ug/Kg
91-58-7	2-Chloronaphthalene	1000	U	1000	1000	4000	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	1000	4000	ug/Kg
131-11-3	Dimethylphthalate	900	U	900	1000	4000	ug/Kg
606-20-2	2,6-Dinitrotoluene	610	U	610	1000	4000	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1000	4000	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	1900	7800	ug/Kg
83-32-9	Acenaphthene	1200	U	1200	1000	4000	ug/Kg
51-28-5	2,4-Dinitrophenol	760	U	760	1900	7800	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	1900	7800	ug/Kg
132-64-9	Dibenzofuran	940	U	940	1000	4000	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	1000	4000	ug/Kg
84-66-2	Diethylphthalate	970	U	970	1000	4000	ug/Kg
86-73-7	Fluorene	1400	U	1400	1000	4000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	1000	4000	ug/Kg
100-01-6	4-Nitroaniline	380	U	380	1900	7800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	920	U	920	1900	7800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100	U	1100	1000	4000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	1000	4000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300	U	2300	1000	4000	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1000	4000	ug/Kg
1912-24-9	Atrazine	260	U	260	1900	7800	ug/Kg
87-86-5	Pentachlorophenol	900	U	900	1900	7800	ug/Kg
85-01-8	Phenanthrene	1300	U	1300	1000	4000	ug/Kg
608-93-5	Pentachlorobenzene	850	U	850	1000	4000	ug/Kg
120-12-7	Anthracene	1100	U	1100	1000	4000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	1000	4000	ug/Kg
86-74-8	Carbazole	1400	U	1400	1900	7800	ug/Kg
84-74-2	Di-n-butylphthalate	1300	U	1300	1000	4000	ug/Kg
206-44-0	Fluoranthene	1100	JD	1100	1900	4000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL2	SDG No.:	BN053124
Lab Sample ID:	P2569-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031739.D	20	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1000	4000	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	1000	4000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	590	U	590	1900	7800	ug/Kg
56-55-3	Benzo(a)anthracene	920	U	920	1000	4000	ug/Kg
218-01-9	Chrysene	1100	U	1100	1000	4000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56000	D	1000	1000	4000	ug/Kg
117-84-0	Di-n-octyl phthalate	1000	U	1000	1900	7800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1000	4000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	1000	4000	ug/Kg
50-32-8	Benzo(a)pyrene	1300	U	1300	1000	4000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1000	4000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	1000	4000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1000	4000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1000	4000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.1		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	4.54	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	21.38		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.24		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.86		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	11.64		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	23.9		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.32		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.78		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.94		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.4		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.18		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.82		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	26.8		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL2	SDG No.:	BN053124
Lab Sample ID:	P2569-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031739.D	20	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.8		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	39.78		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.64		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	579347	7.681				
1146-65-2	Naphthalene-d8	2615245	10.463				
15067-26-2	Acenaphthene-d10	1681645	14.322				
1517-22-2	Phenanthrene-d10	3232343	17.069				
1719-03-5	Chrysene-d12	1887922	21.304				
1520-96-3	Perylene-d12	1927886	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	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:	BHBN2	SDG No.:	BN053124
Lab Sample ID:	P2549-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031740.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	160	J	56	95.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.4	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.9	380	ug/Kg
98-86-2	Acetophenone	69	U	69	95.9	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.4	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.4	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.4	200	ug/Kg
91-20-3	Naphthalene	71	J	38	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	53	J	22	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	55	J	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.4	200	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:	BHBN2	SDG No.:	BN053124
Lab Sample ID:	P2549-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031740.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.4	200	ug/Kg
208-96-8	Acenaphthylene	240		53	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.9	380	ug/Kg
83-32-9	Acenaphthene	150	J	58	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.9	380	ug/Kg
132-64-9	Dibenzofuran	99	J	47	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.4	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.4	200	ug/Kg
86-73-7	Fluorene	180	J	67	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.9	380	ug/Kg
85-01-8	Phenanthrene	2400		62	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.4	200	ug/Kg
120-12-7	Anthracene	540		55	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.4	200	ug/Kg
86-74-8	Carbazole	250	J	71	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.4	200	ug/Kg
206-44-0	Fluoranthene	4400	E	52	95.9	200	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:	BHBN2	SDG No.:	BN053124
Lab Sample ID:	P2549-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031740.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	E	53	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	2100		45	49.4	200	ug/Kg
218-01-9	Chrysene	2300		53	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		56	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	940		67	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	2000		66	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		52	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420		60	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		53	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.997		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.166		20-120		45	SPK: -40
4165-62-2	Phenol-d5	24.183		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.888		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.981		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	21.87		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	26.271		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.995		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.092		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.941		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.532		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.422		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.567		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	24.233		20-140		61	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:	BHBN2	SDG No.:	BN053124
Lab Sample ID:	P2549-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031740.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.456		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	27.018		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	30.581		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.987		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	511220	7.681				
1146-65-2	Naphthalene-d8	2186746	10.463				
15067-26-2	Acenaphthene-d10	1266902	14.322				
1517-22-2	Phenanthrene-d10	2023545	17.075				
1719-03-5	Chrysene-d12	1301938	21.31				
1520-96-3	Perylene-d12	1602326	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.705	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.21	
006344-67-8	9H-Fluoren-3-ol	120	J			15.816	
002235-15-6	1(2H)-Acenaphthylenone	120	J			16.046	
001430-97-3	9H-Fluorene, 2-methyl-	140	J			16.381	
000486-25-9	9H-Fluoren-9-one	140	J			16.728	
000132-65-0	Dibenzothiophene	160	J			16.892	
1000383-55-1	2-Methyldibenzothiophene	110	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	420	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	740	J			17.992	
000613-12-7	Anthracene, 2-methyl-	170	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	730	J			18.14	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	260	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	280	J			18.451	
000084-65-1	9,10-Anthracenedione	260	J			18.492	
1000452-24-5	3,4-Dimethylphenanthrene	120	J			18.698	
000483-87-4	Phenanthrene, 1,7-dimethyl-	130	J			18.745	

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:	BHBN2	SDG No.:	BN053124
Lab Sample ID:	P2549-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031740.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001576-67-6	Phenanthrene, 3,6-dimethyl-	330	J			18.869	
	unknown-02	230	J			18.934	
005737-13-3	Cyclopenta(def)phenanthrenone	270	J			19.01	
002381-21-7	Pyrene, 1-methyl-	140	J			19.834	
000243-17-4	11H-Benzo[b]fluorene	150	J			19.998	
003353-12-6	Pyrene, 4-methyl-	130	J			20.157	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			20.916	
1000400-93-4	benzenamine, 4-(2-benzothiazolyl)-	160	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.057	
003351-28-8	Chrysene, 1-methyl-	100	J			21.98	
000192-97-2	Benzo[e]pyrene	430	J			23.557	
000198-55-0	Perylene	1300	J			23.986	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH618	SDG No.:	BN053124
Lab Sample ID:	P2549-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031741.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.6	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	77	U	77	110	430	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.6	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.6	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.6	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.6	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	55.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	55.6	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.6	220	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	55.6	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.6	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH618	SDG No.:	BN053124
Lab Sample ID:	P2549-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031741.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	55.6	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.6	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.6	220	ug/Kg
208-96-8	Acenaphthylene	86	J	60	55.6	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.6	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	55.6	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.6	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.6	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.6	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	430	ug/Kg
85-01-8	Phenanthrene	540		69	55.6	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.6	220	ug/Kg
120-12-7	Anthracene	96	J	62	55.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.6	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	55.6	220	ug/Kg
206-44-0	Fluoranthene	1800		59	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH618	SDG No.:	BN053124
Lab Sample ID:	P2549-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031741.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		60	55.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	56	55.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	670		51	55.6	220	ug/Kg
218-01-9	Chrysene	790		60	55.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410		56	55.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		63	55.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		76	55.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	700		75	55.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		59	55.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	68	55.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480		60	55.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.442		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	13.069		20-120		33	SPK: -40
4165-62-2	Phenol-d5	20.487		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.058		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.757		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	12.086		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	22.785		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.847		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.885		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.231		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.05		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.909		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.187		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.965		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH618	SDG No.:	BN053124
Lab Sample ID:	P2549-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031741.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.833		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.433		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	34.083		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.498		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	520944	7.681				
1146-65-2	Naphthalene-d8	2210930	10.463				
15067-26-2	Acenaphthene-d10	1380179	14.322				
1517-22-2	Phenanthrene-d10	2680939	17.075				
1719-03-5	Chrysene-d12	1527437	21.31				
1520-96-3	Perylene-d12	1697592	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	270	J			3.699	
002531-84-2	Phenanthrene, 2-methyl-	130	J			17.945	
000057-10-3	n-Hexadecanoic acid	450	J			17.98	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	220	J			18.133	
000832-64-4	Phenanthrene, 4-methyl-	94	J			18.174	
000084-65-1	9,10-Anthracenedione	120	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.01	
000057-11-4	Octadecanoic acid	110	J			19.263	
002381-21-7	Pyrene, 1-methyl-	120	J			19.822	
000238-84-6	11H-Benzo[a]fluorene	100	J			19.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			20.745	
	unknown-02	210	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.057	
000192-97-2	Benzo[e]pyrene	300	J			23.98	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BN053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BN031742.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.4	85	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	75	U	75	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	54	220	ug/Kg
67-72-1	Hexachloroethane	20	U	20	54	220	ug/Kg
98-95-3	Nitrobenzene	34	U	34	54	220	ug/Kg
78-59-1	Isophorone	46	U	46	54	220	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	54	220	ug/Kg
91-20-3	Naphthalene	42	U	42	54	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	54	220	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	54	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BN053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BN031742.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	54	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54	220	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	54	220	ug/Kg
208-96-8	Acenaphthylene	95	J	58	54	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	54	220	ug/Kg
86-73-7	Fluorene	74	U	74	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	54	220	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	54	220	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	640		67	54	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	54	220	ug/Kg
120-12-7	Anthracene	110	J	60	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	54	220	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	54	220	ug/Kg
206-44-0	Fluoranthene	1900		57	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BN053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BN031742.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		58	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	55	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	770		50	54	220	ug/Kg
218-01-9	Chrysene	880		58	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510		55	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		61	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	350		74	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	830		72	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	540		57	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	66	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	580		58	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.709		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	9.126		20-120		23	SPK: -40
4165-62-2	Phenol-d5	22.269		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.112		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.714		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	17.992		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	24.286		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.729		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.244		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.366		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.818		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.826		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.533		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	24.546		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BN053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BN031742.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.187		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	25.948		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	32.41		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.704		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	475837	7.681				
1146-65-2	Naphthalene-d8	2061101	10.469				
15067-26-2	Acenaphthene-d10	1238964	14.322				
1517-22-2	Phenanthrene-d10	2177706	17.069				
1719-03-5	Chrysene-d12	1243443	21.31				
1520-96-3	Perylene-d12	1425458	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.699	
000770-35-4	1-Phenoxypropan-2-ol	94	J			11.21	
002531-84-2	Phenanthrene, 2-methyl-	140	J			17.945	
000057-10-3	n-Hexadecanoic acid	460	J			17.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.139	
000832-69-9	Phenanthrene, 1-methyl-	99	J			18.175	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	85	J			18.451	
000084-65-1	9,10-Anthracenedione	110	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			18.875	
001576-67-6	Phenanthrene, 3,6-dimethyl-	88	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.01	
002381-21-7	Pyrene, 1-methyl-	110	J			19.827	
000243-17-4	11H-Benzo[b]fluorene	98	J			19.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	92	J			20.745	
	unknown-02	190	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	88	J			21.057	
000198-55-0	Perylene	490	J			23.974	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BN053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BN031742.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	58	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:	BHBN2DL	SDG No.:	BN053124
Lab Sample ID:	P2549-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031743.D	2	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	15.3	160	ug/Kg
100-52-7	Benzaldehyde	160	JD	110	190	770	ug/Kg
110-86-1	Pyridine	28	U	28	380	770	ug/Kg
108-95-2	Phenol	100	U	100	190	770	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	81	U	81	190	770	ug/Kg
95-57-8	2-Chlorophenol	51	U	51	98.8	400	ug/Kg
95-48-7	2-Methylphenol	91	U	91	190	770	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	190	770	ug/Kg
98-86-2	Acetophenone	140	U	140	190	770	ug/Kg
106-44-5	4-Methylphenol	95	U	95	190	770	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	98.8	400	ug/Kg
67-72-1	Hexachloroethane	37	U	37	98.8	400	ug/Kg
98-95-3	Nitrobenzene	63	U	63	98.8	400	ug/Kg
78-59-1	Isophorone	84	U	84	98.8	400	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	98.8	400	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	98.8	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	98.8	400	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	98.8	400	ug/Kg
91-20-3	Naphthalene	77	U	77	98.8	400	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	98.8	770	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	98.8	400	ug/Kg
105-60-2	Caprolactam	93	U	93	190	770	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	98.8	400	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	98.8	400	ug/Kg
91-57-6	2-Methylnaphthalene	86	U	86	98.8	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	44	U	44	190	770	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	98.8	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	98.8	400	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:	BHBN2DL	SDG No.:	BN053124
Lab Sample ID:	P2549-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031743.D	2	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	98.8	400	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	98.8	400	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	98.8	400	ug/Kg
131-11-3	Dimethylphthalate	88	U	88	98.8	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	98.8	400	ug/Kg
208-96-8	Acenaphthylene	270	JD	110	98.8	400	ug/Kg
99-09-2	3-Nitroaniline	33	U	33	190	770	ug/Kg
83-32-9	Acenaphthene	150	JD	120	98.8	400	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	190	770	ug/Kg
100-02-7	4-Nitrophenol	26	U	26	190	770	ug/Kg
132-64-9	Dibenzofuran	98	JD	93	98.8	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	98.8	400	ug/Kg
84-66-2	Diethylphthalate	95	U	95	98.8	400	ug/Kg
86-73-7	Fluorene	180	JD	130	98.8	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	98.8	400	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	190	770	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	190	770	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	98.8	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	98.8	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	98.8	400	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	98.8	400	ug/Kg
1912-24-9	Atrazine	26	U	26	190	770	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	190	770	ug/Kg
85-01-8	Phenanthrene	2600	D	120	98.8	400	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	98.8	400	ug/Kg
120-12-7	Anthracene	570	D	110	98.8	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	13	U	13	98.8	400	ug/Kg
86-74-8	Carbazole	250	JD	140	190	770	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	98.8	400	ug/Kg
206-44-0	Fluoranthene	4500	D	100	190	400	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:	BHBN2DL	SDG No.:	BN053124
Lab Sample ID:	P2549-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031743.D	2	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	D	110	98.8	400	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	98.8	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	190	770	ug/Kg
56-55-3	Benzo(a)anthracene	2200	D	91	98.8	400	ug/Kg
218-01-9	Chrysene	2200	D	110	98.8	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	98.8	400	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	190	770	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600	D	110	98.8	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	890	D	130	98.8	400	ug/Kg
50-32-8	Benzo(a)pyrene	2100	D	130	98.8	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	D	100	98.8	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	D	120	98.8	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	D	110	98.8	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	98.8	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.136		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	18.066		20-120		45	SPK: -40
4165-62-2	Phenol-d5	23.884		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.104		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.712		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	21.2		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	26.22		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.06		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.456		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.07		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.2		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.99		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.836		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	24.732		20-140		62	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:	BHBN2DL	SDG No.:	BN053124
Lab Sample ID:	P2549-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031743.D	2	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.234		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	27.624		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.258		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.646		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	541910	7.681				
1146-65-2	Naphthalene-d8	2254608	10.463				
15067-26-2	Acenaphthene-d10	1209546	14.322				
1517-22-2	Phenanthrene-d10	1896145	17.069				
1719-03-5	Chrysene-d12	1411971	21.31				
1520-96-3	Perylene-d12	1741279	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000233-02-3	Naphtho[2,1-b]thiophene	160	JD			16.886	
002531-84-2	Phenanthrene, 2-methyl-	430	JD			17.945	
000832-69-9	Phenanthrene, 1-methyl-	730	JD			17.992	
000613-12-7	Anthracene, 2-methyl-	170	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	760	JD			18.139	
000779-02-2	Anthracene, 9-methyl-	270	JD			18.174	
000612-94-2	Naphthalene, 2-phenyl-	260	JD			18.451	
000084-65-1	9,10-Anthracenedione	270	JD			18.492	
000781-92-0	Anthracene, 1,4-dimethyl-	360	JD			18.869	
006232-48-0	Acephenanthrylene, 4,5-dihydro-	230	JD			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	290	JD			19.01	
002381-21-7	Pyrene, 1-methyl-	210	JD			19.827	
000238-84-6	11H-Benzo[a]fluorene	230	JD			19.992	
033543-31-6	Fluoranthene, 2-methyl-	200	JD			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	160	JD			20.745	
027208-37-3	Cyclopenta[cd]pyrene	220	JD			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	230	JD			21.057	

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:	BHBN2DL	SDG No.:	BN053124
Lab Sample ID:	P2549-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BN031743.D	2	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	460	JD			23.551	
000198-55-0	Perylene	1400	JD			23.98	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH620	SDG No.:	BN053124
Lab Sample ID:	P2549-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031744.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.7	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	75	U	75	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.7	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.7	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.7	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.7	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.7	210	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH620	SDG No.:	BN053124
Lab Sample ID:	P2549-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031744.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.7	210	ug/Kg
208-96-8	Acenaphthylene	85	J	58	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.7	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.7	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.7	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	600		67	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.7	210	ug/Kg
120-12-7	Anthracene	110	J	59	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.7	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.7	210	ug/Kg
206-44-0	Fluoranthene	1800		57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH620	SDG No.:	BN053124
Lab Sample ID:	P2549-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031744.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		58	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	54	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	720		49	53.7	210	ug/Kg
218-01-9	Chrysene	810		58	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390		54	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		61	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		73	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	770		72	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		57	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	66	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	620		58	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.497		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	13.211		20-120		33	SPK: -40
4165-62-2	Phenol-d5	21.085		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.534		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.551		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	18.837		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.718		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.028		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.726		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.211		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.872		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.453		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.86		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.751		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH620	SDG No.:	BN053124
Lab Sample ID:	P2549-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031744.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.801		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	23.359		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	31.324		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.858		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	515091	7.681				
1146-65-2	Naphthalene-d8	2244238	10.463				
15067-26-2	Acenaphthene-d10	1343444	14.322				
1517-22-2	Phenanthrene-d10	2511727	17.069				
1719-03-5	Chrysene-d12	1374122	21.31				
1520-96-3	Perylene-d12	1537377	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000832-69-9	Phenanthrene, 1-methyl-	140	J			17.945	
000057-10-3	n-Hexadecanoic acid	440	J			17.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.139	
000613-12-7	Anthracene, 2-methyl-	91	J			18.174	
000084-65-1	9,10-Anthracenedione	100	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.01	
002381-21-7	Pyrene, 1-methyl-	120	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	100	J			19.992	
003353-12-6	Pyrene, 4-methyl-	89	J			20.333	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.745	
1000406-04-8	Pentadecafluorooctanoic acid, octa	210	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.057	
002541-69-7	Benz[a]anthracene, 7-methyl-	97	J			22.057	
000192-97-2	Benzo[e]pyrene	510	J			23.98	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH623	SDG No.:	BN053124
Lab Sample ID:	P2549-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031745.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.4	95	ug/Kg
100-52-7	Benzaldehyde	68	U	68	120	470	ug/Kg
110-86-1	Pyridine	17	U	17	230	470	ug/Kg
108-95-2	Phenol	64	U	64	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	120	470	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	60.4	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	470	ug/Kg
98-86-2	Acetophenone	84	U	84	120	470	ug/Kg
106-44-5	4-Methylphenol	58	U	58	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	60.4	240	ug/Kg
67-72-1	Hexachloroethane	23	U	23	60.4	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	60.4	240	ug/Kg
78-59-1	Isophorone	51	U	51	60.4	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	60.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	60.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	60.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	60.4	240	ug/Kg
91-20-3	Naphthalene	47	U	47	60.4	240	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	60.4	470	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	60.4	240	ug/Kg
105-60-2	Caprolactam	57	U	57	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	60.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	60.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	53	U	53	60.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	60.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	60.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH623	SDG No.:	BN053124
Lab Sample ID:	P2549-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031745.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	60.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	60.4	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	60.4	240	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	60.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	60.4	240	ug/Kg
208-96-8	Acenaphthylene	65	U	65	60.4	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	470	ug/Kg
83-32-9	Acenaphthene	71	U	71	60.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	45	U	45	120	470	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	470	ug/Kg
132-64-9	Dibenzofuran	57	U	57	60.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	60.4	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	60.4	240	ug/Kg
86-73-7	Fluorene	82	U	82	60.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	68	60.4	240	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	60.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	60.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	60.4	240	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	60.4	240	ug/Kg
1912-24-9	Atrazine	16	U	16	120	470	ug/Kg
87-86-5	Pentachlorophenol	54	U	54	120	470	ug/Kg
85-01-8	Phenanthrene	310		75	60.4	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	60.4	240	ug/Kg
120-12-7	Anthracene	67	U	67	60.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8	U	8	60.4	240	ug/Kg
86-74-8	Carbazole	87	U	87	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	81	J	81	60.4	240	ug/Kg
206-44-0	Fluoranthene	830		64	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH623	SDG No.:	BN053124
Lab Sample ID:	P2549-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031745.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	750		65	60.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	60.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	370		55	60.4	240	ug/Kg
218-01-9	Chrysene	450		65	60.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300		61	60.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		68	60.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	82	60.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	420		81	60.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		64	60.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	J	74	60.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340		65	60.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	60.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.455		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	19.146		20-120		48	SPK: -40
4165-62-2	Phenol-d5	25.275		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.116		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.412		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	20.366		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	26.958		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.89		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.358		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.778		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.231		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.77		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.061		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	25.006		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH623	SDG No.:	BN053124
Lab Sample ID:	P2549-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031745.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.118		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.08		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	29.482		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.792		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	598538	7.681				
1146-65-2	Naphthalene-d8	2520459	10.463				
15067-26-2	Acenaphthene-d10	1415148	14.322				
1517-22-2	Phenanthrene-d10	2240058	17.069				
1719-03-5	Chrysene-d12	1552132	21.304				
1520-96-3	Perylene-d12	1826374	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	210	J			3.452	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			7.281	
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.21	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	130	J			17.363	
000057-10-3	n-Hexadecanoic acid	400	J			17.975	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	120	J			18.139	
000057-11-4	Octadecanoic acid	130	J			19.263	
001740-19-8	Dehydroabietic acid	97	J			20.963	
	(DEL) Alkane: Cyclic20.992	290	J			20.992	
000661-19-8	Behenic alcohol	230	J			22.08	
077899-03-7	1-Heneicosyl formate	230	J			23.486	
000192-97-2	Benzo[e]pyrene	160	J			23.974	
000514-07-8	D-Friedoolean-14-en-3-one	3000	J			29.198	
081654-73-1	D-Friedoolean-14-en-3-ol	1900	J			29.78	
E966796	Total Alkanes	290				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH624	SDG No.:	BN053124
Lab Sample ID:	P2549-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031746.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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	130	J	57	97.9	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	97.9	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.9	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.9	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.4	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.4	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.4	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	97.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH624	SDG No.:	BN053124
Lab Sample ID:	P2549-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031746.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.4	200	ug/Kg
208-96-8	Acenaphthylene	86	J	55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.9	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.9	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.9	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.4	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.4	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.9	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.9	390	ug/Kg
85-01-8	Phenanthrene	520		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	110	J	56	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.4	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.4	200	ug/Kg
206-44-0	Fluoranthene	1600		53	97.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH624	SDG No.:	BN053124
Lab Sample ID:	P2549-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031746.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		55	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	51	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	670		46	50.4	200	ug/Kg
218-01-9	Chrysene	800		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380		51	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	760		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600		55	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.369		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	22.829		20-120		57	SPK: -40
4165-62-2	Phenol-d5	30.981		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.366		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.203		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	29.722		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	33.052		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.199		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.517		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.331		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.589		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	33.048		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.427		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	31.278		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH624	SDG No.:	BN053124
Lab Sample ID:	P2549-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031746.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.964		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	32.706		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	38.419		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.705		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	536736	7.681				
1146-65-2	Naphthalene-d8	2298428	10.463				
15067-26-2	Acenaphthene-d10	1312092	14.322				
1517-22-2	Phenanthrene-d10	2185484	17.069				
1719-03-5	Chrysene-d12	1310629	21.31				
1520-96-3	Perylene-d12	1539559	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.452	
	unknown-01	100	J			3.705	
001119-40-0	Pentanedioic acid, dimethyl ester	89	J			9.404	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.21	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	120	J			12.175	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	150	J			17.363	
000613-12-7	Anthracene, 2-methyl-	120	J			17.945	
000057-10-3	n-Hexadecanoic acid	510	J			17.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			18.139	
000084-65-1	9,10-Anthracenedione	86	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			18.869	
001576-69-8	Phenanthrene, 2,7-dimethyl-	89	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	100	J			19.01	
000057-11-4	Octadecanoic acid	98	J			19.263	
000243-17-4	11H-Benzo[b]fluorene	85	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.339	
000479-79-8	11H-Benzo[a]fluoren-11-one	79	J			20.745	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH624	SDG No.:	BN053124
Lab Sample ID:	P2549-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031746.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	79	J			21.057	
000192-97-2	Benzo[e]pyrene	470	J			23.98	
E966796	Total Alkanes	55	U			99	ug/Kg



Client:			Date Collected:	5/20/2024 12:00:00 AM		
Project:			Date Received:	5/20/2024 12:00:00 AM		
Client Sample ID:	BH625		SDG No.:	BN053124		
Lab Sample ID:	P2549-08		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	16.3		
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
BN031747.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	79	ug/Kg
100-52-7	Benzaldehyde	110	J	57	98.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.2	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.2	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.6	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.6	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.6	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.6	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.6	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH625	SDG No.:	BN053124
Lab Sample ID:	P2549-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN031747.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.6	200	ug/Kg
208-96-8	Acenaphthylene	55	J	55	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.2	390	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.2	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.6	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.6	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.2	390	ug/Kg
85-01-8	Phenanthrene	370		63	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.6	200	ug/Kg
120-12-7	Anthracene	68	J	56	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.6	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.6	200	ug/Kg
206-44-0	Fluoranthene	1200		54	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH625	SDG No.:	BN053124
Lab Sample ID:	P2549-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN031747.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		55	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	61	J	51	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	440		46	50.6	200	ug/Kg
218-01-9	Chrysene	530		55	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	51	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		57	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		69	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	490		68	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		54	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	62	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		55	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.6	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	18.877		20-120		47	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.946		15-120		62	SPK: -8
4165-62-2	Phenol-d5	26.808		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.649		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.835		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.578		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	28.202		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.318		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.53		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.706		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.825		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.335		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.077		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.364		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH625	SDG No.:	BN053124
Lab Sample ID:	P2549-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN031747.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.986		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	27.738		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	36.509		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.877		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	467975	7.681				
1146-65-2	Naphthalene-d8	2032153	10.469				
15067-26-2	Acenaphthene-d10	1188619	14.322				
1517-22-2	Phenanthrene-d10	2142054	17.075				
1719-03-5	Chrysene-d12	1216014	21.304				
1520-96-3	Perylene-d12	1376879	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	100	J			12.175	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	480	J			13.222	
000613-12-7	Anthracene, 2-methyl-	80	J			17.945	
000057-10-3	n-Hexadecanoic acid	370	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.139	
003674-66-6	Phenanthrene, 2,5-dimethyl-	81	J			18.869	
002345-29-1	8-Octadecenoic acid, methyl ester	110	J			18.927	
000057-11-4	Octadecanoic acid	92	J			19.263	
000479-79-8	11H-Benzo[a]fluoren-11-one	83	J			20.745	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			20.992	
000198-55-0	Perylene	210	J			23.974	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629	SDG No.:	BN053124
Lab Sample ID:	P2549-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031748.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.7	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	74	U	74	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.7	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.7	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.7	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.7	210	ug/Kg
91-20-3	Naphthalene	60	J	42	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.7	210	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	43	J	24	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629	SDG No.:	BN053124
Lab Sample ID:	P2549-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031748.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.7	210	ug/Kg
208-96-8	Acenaphthylene	78	J	58	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	220		63	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	130	J	51	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.7	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.7	210	ug/Kg
86-73-7	Fluorene	200	J	73	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.7	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	2600		67	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.7	210	ug/Kg
120-12-7	Anthracene	580		59	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.7	210	ug/Kg
86-74-8	Carbazole	310	J	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.7	210	ug/Kg
206-44-0	Fluoranthene	4600	E	57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629	SDG No.:	BN053124
Lab Sample ID:	P2549-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031748.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800	E	58	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	54	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1800		49	53.7	210	ug/Kg
218-01-9	Chrysene	1800		58	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300		54	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		61	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	730		73	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1700		72	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		57	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330		66	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		58	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.235		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	19.42		20-120		49	SPK: -40
4165-62-2	Phenol-d5	28.934		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.708		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.171		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.081		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.743		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.192		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.481		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.822		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.982		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.805		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.043		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.05		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629	SDG No.:	BN053124
Lab Sample ID:	P2549-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031748.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.912		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	30.582		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	37.821		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.309		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	505649	7.681				
1146-65-2	Naphthalene-d8	2181632	10.463				
15067-26-2	Acenaphthene-d10	1310526	14.322				
1517-22-2	Phenanthrene-d10	2270595	17.075				
1719-03-5	Chrysene-d12	1276644	21.31				
1520-96-3	Perylene-d12	1479894	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.699	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	98	J			15.816	
000486-25-9	9H-Fluoren-9-one	150	J			16.728	
000132-65-0	Dibenzothiophene	150	J			16.892	
002531-84-2	Phenanthrene, 2-methyl-	360	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	670	J			17.992	
000832-64-4	Phenanthrene, 4-methyl-	150	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	550	J			18.139	
000613-12-7	Anthracene, 2-methyl-	190	J			18.181	
000612-94-2	Naphthalene, 2-phenyl-	220	J			18.451	
000084-65-1	9,10-Anthracenedione	210	J			18.492	
003674-69-9	Phenanthrene, 4,5-dimethyl-	120	J			18.698	
001576-69-8	Phenanthrene, 2,7-dimethyl-	84	J			18.745	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			18.869	
	unknown-02	160	J			18.928	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.01	
003424-82-6	o,p-DDE	99	J			19.61	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629	SDG No.:	BN053124
Lab Sample ID:	P2549-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031748.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	130	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	120	J			19.992	
003353-12-6	Pyrene, 4-methyl-	120	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			20.916	
000195-19-7	Benzo[c]phenanthrene	85	J			20.957	
027208-37-3	Cyclopenta[cd]pyrene	180	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			21.057	
000192-97-2	Benzo[e]pyrene	310	J			23.551	
000205-82-3	Benzo[j]fluoranthene	1000	J			23.974	
E966796	Total Alkanes	58	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:	BHBM7	SDG No.:	BN053124
Lab Sample ID:	P2549-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031749.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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	55	U	55	94.3	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.3	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94.3	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.6	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.6	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.6	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.6	190	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:	BHBM7	SDG No.:	BN053124
Lab Sample ID:	P2549-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031749.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.6	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.3	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.3	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.6	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.6	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.3	380	ug/Kg
85-01-8	Phenanthrene	310		61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	66	J	54	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.6	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	750		51	94.3	190	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:	BHBM7	SDG No.:	BN053124
Lab Sample ID:	P2549-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031749.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	670		53	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	310		45	48.6	190	ug/Kg
218-01-9	Chrysene	340		53	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	300		65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	J	59	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.838		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.044		20-120		48	SPK: -40
4165-62-2	Phenol-d5	25.11		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.488		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.455		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.398		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.199		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.748		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.005		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.223		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.557		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.93		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.674		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.87		20-140		72	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:	BHBM7	SDG No.:	BN053124
Lab Sample ID:	P2549-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031749.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.922		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	30.839		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	37.773		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.344		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	545568	7.681				
1146-65-2	Naphthalene-d8	2337009	10.463				
15067-26-2	Acenaphthene-d10	1384123	14.322				
1517-22-2	Phenanthrene-d10	2461756	17.069				
1719-03-5	Chrysene-d12	1398567	21.304				
1520-96-3	Perylene-d12	1632057	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	88	J			3.452	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.21	
000057-10-3	n-Hexadecanoic acid	300	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.139	
000479-79-8	11H-Benzo[a]fluoren-11-one	85	J			20.739	
077899-03-7	1-Heneicosyl formate	220	J			20.992	
E966796	Total Alkanes	53	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:	BHBN0	SDG No.:	BN053124
Lab Sample ID:	P2549-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031750.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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	280	J	57	97.7	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.7	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.7	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.4	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.4	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.4	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	46	J	23	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.4	200	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:	BHBN0	SDG No.:	BN053124
Lab Sample ID:	P2549-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031750.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.4	200	ug/Kg
208-96-8	Acenaphthylene	61	J	55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.7	390	ug/Kg
83-32-9	Acenaphthene	69	J	59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.7	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.4	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.4	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.7	390	ug/Kg
85-01-8	Phenanthrene	960		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	200		56	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.4	200	ug/Kg
86-74-8	Carbazole	110	J	72	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.4	200	ug/Kg
206-44-0	Fluoranthene	2100		53	97.7	200	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:	BHBN0	SDG No.:	BN053124
Lab Sample ID:	P2549-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031750.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		55	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	850		46	50.4	200	ug/Kg
218-01-9	Chrysene	950		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	51	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	860		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	J	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700		55	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.017		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	11.783		20-120		29	SPK: -40
4165-62-2	Phenol-d5	19.3		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.082		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.353		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	16.73		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	20.925		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.485		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.915		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.293		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.191		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.664		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.365		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	20.02		20-140		50	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:	BHBN0	SDG No.:	BN053124
Lab Sample ID:	P2549-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30	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
BN031750.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.657		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.19		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	26.535		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.381		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	517701	7.681				
1146-65-2	Naphthalene-d8	2196715	10.463				
15067-26-2	Acenaphthene-d10	1322315	14.322				
1517-22-2	Phenanthrene-d10	2290652	17.075				
1719-03-5	Chrysene-d12	1320900	21.304				
1520-96-3	Perylene-d12	1550371	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.705	
000770-35-4	1-Phenoxypropan-2-ol	87	J			11.21	
002531-84-2	Phenanthrene, 2-methyl-	160	J			17.945	
000613-12-7	Anthracene, 2-methyl-	390	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	290	J			18.139	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	96	J			18.451	
000084-65-1	9,10-Anthracenedione	130	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.869	
003674-65-5	Phenanthrene, 2,3-dimethyl-	80	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.01	
002381-21-7	Pyrene, 1-methyl-	100	J			19.822	
000238-84-6	11H-Benzo[a]fluorene	90	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	96	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	82	J			20.739	
027208-37-3	Cyclopenta[cd]pyrene	130	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	88	J			21.057	

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:	BHBN0	SDG No.:	BN053124
Lab Sample ID:	P2549-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031750.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	470	J			23.974	
E966796	Total Alkanes	55	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH618								
P2549-01	BH618	Solid	11H-Benzo[a]fluoren-11-one	*	150.000	J		
P2549-01	BH618	Solid	11H-Benzo[a]fluorene	*	100.000	J		
P2549-01	BH618	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	220.000	J		
P2549-01	BH618	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2549-01	BH618	Solid	9,10-Anthracenedione	*	120.000	J		
P2549-01	BH618	Solid	Benzo[e]pyrene	*	300.000	J		
P2549-01	BH618	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2549-01	BH618	Solid	n-Hexadecanoic acid	*	450.000	J		
P2549-01	BH618	Solid	Octadecanoic acid	*	110.000	J		
P2549-01	BH618	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2549-01	BH618	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P2549-01	BH618	Solid	Phenanthrene, 4-methyl-	*	94.000	J		
P2549-01	BH618	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2549-01	BH618	Solid	unknown-01	*	270.000	J		
P2549-01	BH618	Solid	unknown-02	*	210.000	J		
P2549-01	BH618	Solid	Total Alkanes	*	0.000	60	220	ug/Kg
Total Tics :					2,634.00			
P2549-01	BH618	Solid	Acenaphthylene		86.000	J 60	220	ug/Kg
P2549-01	BH618	Solid	Anthracene		96.000	J 62	220	ug/Kg
P2549-01	BH618	Solid	Benzo(a)anthracene		670.000	51	220	ug/Kg
P2549-01	BH618	Solid	Benzo(a)pyrene		700.000	75	220	ug/Kg
P2549-01	BH618	Solid	Benzo(b)fluoranthene		940.000	63	220	ug/Kg
P2549-01	BH618	Solid	Benzo(g,h,i)perylene		480.000	60	220	ug/Kg
P2549-01	BH618	Solid	Benzo(k)fluoranthene		320.000	76	220	ug/Kg
P2549-01	BH618	Solid	Bis(2-ethylhexyl)phthalate		410.000	56	220	ug/Kg
P2549-01	BH618	Solid	Butylbenzylphthalate		160.000	J 56	220	ug/Kg
P2549-01	BH618	Solid	Chrysene		790.000	60	220	ug/Kg
P2549-01	BH618	Solid	Dibenzo(a,h)anthracene		140.000	J 68	220	ug/Kg
P2549-01	BH618	Solid	Fluoranthene		1,800.000	59	220	ug/Kg
P2549-01	BH618	Solid	Indeno(1,2,3-cd)pyrene		470.000	59	220	ug/Kg
P2549-01	BH618	Solid	Phenanthrene		540.000	69	220	ug/Kg
P2549-01	BH618	Solid	Pyrene		1,600.000	60	220	ug/Kg
Total Svoc :					9,202.00			
Total Concentration:					11,836.00			
Client ID : BH619								
P2549-02	BH619	Solid	1-Phenoxypropan-2-ol	*	94.000	J		
P2549-02	BH619	Solid	11H-Benzo[a]fluoren-11-one	*	92.000	J		

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-02	BH619	Solid	11H-Benzo[b]fluorene	*	98.000	J		
P2549-02	BH619	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P2549-02	BH619	Solid	7H-Benz[de]anthracen-7-one	*	88.000	J		
P2549-02	BH619	Solid	9,10-Anthracenedione	*	110.000	J		
P2549-02	BH619	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2549-02	BH619	Solid	n-Hexadecanoic acid	*	460.000	J		
P2549-02	BH619	Solid	Perylene	*	490.000	J		
P2549-02	BH619	Solid	Phenanthrene, 1-methyl-	*	99.000	J		
P2549-02	BH619	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J		
P2549-02	BH619	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P2549-02	BH619	Solid	Phenanthrene, 3,6-dimethyl-	*	88.000	J		
P2549-02	BH619	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2549-02	BH619	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,	*	85.000	J		
P2549-02	BH619	Solid	unknown-01	*	150.000	J		
P2549-02	BH619	Solid	unknown-02	*	190.000	J		
P2549-02	BH619	Solid	Total Alkanes	*	0.000	J	58	220 ug/Kg
Total Tics :					2,834.00			
P2549-02	BH619	Solid	Acenaphthylene		95.000	J	58	220 ug/Kg
P2549-02	BH619	Solid	Anthracene		110.000	J	60	220 ug/Kg
P2549-02	BH619	Solid	Benzo(a)anthracene		770.000		50	220 ug/Kg
P2549-02	BH619	Solid	Benzo(a)pyrene		830.000		72	220 ug/Kg
P2549-02	BH619	Solid	Benzo(b)fluoranthene		1,100.000		61	220 ug/Kg
P2549-02	BH619	Solid	Benzo(g,h,i)perylene		580.000		58	220 ug/Kg
P2549-02	BH619	Solid	Benzo(k)fluoranthene		350.000		74	220 ug/Kg
P2549-02	BH619	Solid	Bis(2-ethylhexyl)phthalate		510.000		55	220 ug/Kg
P2549-02	BH619	Solid	Butylbenzylphthalate		160.000	J	55	220 ug/Kg
P2549-02	BH619	Solid	Chrysene		880.000		58	220 ug/Kg
P2549-02	BH619	Solid	Dibenzo(a,h)anthracene		170.000	J	66	220 ug/Kg
P2549-02	BH619	Solid	Fluoranthene		1,900.000		57	220 ug/Kg
P2549-02	BH619	Solid	Indeno(1,2,3-cd)pyrene		540.000		57	220 ug/Kg
P2549-02	BH619	Solid	Phenanthrene		640.000		67	220 ug/Kg
P2549-02	BH619	Solid	Pyrene		1,700.000		58	220 ug/Kg
Total Svoc :					10,335.00			
Total Concentration:					13,169.00			
Client ID : BH620								
P2549-03	BH620	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2549-03	BH620	Solid	11H-Benzo[b]fluorene	*	100.000	J		
P2549-03	BH620	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P2549-03	BH620	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2549-03	BH620	Solid	9,10-Anthracenedione	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-03	BH620	Solid	Anthracene, 2-methyl-	*	91.000	J		
P2549-03	BH620	Solid	Benz[a]anthracene, 7-methyl-	*	97.000	J		
P2549-03	BH620	Solid	Benzo[e]pyrene	*	510.000	J		
P2549-03	BH620	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2549-03	BH620	Solid	n-Hexadecanoic acid	*	440.000	J		
P2549-03	BH620	Solid	Pentadecafluorooctanoic acid, oct	*	210.000	J		
P2549-03	BH620	Solid	Phenanthrene, 1-methyl-	*	140.000	J		
P2549-03	BH620	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2549-03	BH620	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2549-03	BH620	Solid	Pyrene, 4-methyl-	*	89.000	J		
P2549-03	BH620	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :					2,617.00			
P2549-03	BH620	Solid	Acenaphthylene		85.000	J 58	210	ug/Kg
P2549-03	BH620	Solid	Anthracene		110.000	J 59	210	ug/Kg
P2549-03	BH620	Solid	Benzo(a)anthracene		720.000	49	210	ug/Kg
P2549-03	BH620	Solid	Benzo(a)pyrene		770.000	72	210	ug/Kg
P2549-03	BH620	Solid	Benzo(b)fluoranthene		1,000.000	61	210	ug/Kg
P2549-03	BH620	Solid	Benzo(g,h,i)perylene		620.000	58	210	ug/Kg
P2549-03	BH620	Solid	Benzo(k)fluoranthene		340.000	73	210	ug/Kg
P2549-03	BH620	Solid	Bis(2-ethylhexyl)phthalate		390.000	54	210	ug/Kg
P2549-03	BH620	Solid	Butylbenzylphthalate		130.000	J 54	210	ug/Kg
P2549-03	BH620	Solid	Chrysene		810.000	58	210	ug/Kg
P2549-03	BH620	Solid	Dibenzo(a,h)anthracene		160.000	J 66	210	ug/Kg
P2549-03	BH620	Solid	Fluoranthene		1,800.000	57	210	ug/Kg
P2549-03	BH620	Solid	Indeno(1,2,3-cd)pyrene		510.000	57	210	ug/Kg
P2549-03	BH620	Solid	Phenanthrene		600.000	67	210	ug/Kg
P2549-03	BH620	Solid	Pyrene		1,600.000	58	210	ug/Kg
Total Svoc :					9,645.00			
Total Concentration:					12,262.00			
Client ID : BH623								
P2549-06	BH623	Solid	(DEL) Alkane: Cyclic20.992	*	290.000	J		
P2549-06	BH623	Solid	1,2-Benzenedicarboxylic acid, bis	*	130.000	J		
P2549-06	BH623	Solid	1-Heneicosyl formate	*	230.000	J		
P2549-06	BH623	Solid	1-Phenoxypropan-2-ol	*	220.000	J		
P2549-06	BH623	Solid	Behenic alcohol	*	230.000	J		
P2549-06	BH623	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	120.000	J		
P2549-06	BH623	Solid	Benzo[e]pyrene	*	160.000	J		
P2549-06	BH623	Solid	D-Friedoolean-14-en-3-ol	*	1,900.000	J		
P2549-06	BH623	Solid	D-Friedoolean-14-en-3-one	*	3,000.000	J		
P2549-06	BH623	Solid	Dehydroabietic acid	*	97.000	J		

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SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-06	BH623	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	130.000	J		
P2549-06	BH623	Solid	n-Hexadecanoic acid	*	400.000	J		
P2549-06	BH623	Solid	Octadecanoic acid	*	130.000	J		
P2549-06	BH623	Solid	Propylene Glycol	*	210.000	J		
P2549-06	BH623	Solid	Total Alkanes	*	290.000	65	240	ug/Kg
Total Tics :				7,537.00				
P2549-06	BH623	Solid	Benzo(a)anthracene		370.000	55	240	ug/Kg
P2549-06	BH623	Solid	Benzo(a)pyrene		420.000	81	240	ug/Kg
P2549-06	BH623	Solid	Benzo(b)fluoranthene		560.000	68	240	ug/Kg
P2549-06	BH623	Solid	Benzo(g,h,i)perylene		340.000	65	240	ug/Kg
P2549-06	BH623	Solid	Benzo(k)fluoranthene		210.000	J 82	240	ug/Kg
P2549-06	BH623	Solid	Bis(2-ethylhexyl)phthalate		300.000	61	240	ug/Kg
P2549-06	BH623	Solid	Chrysene		450.000	65	240	ug/Kg
P2549-06	BH623	Solid	Di-n-butylphthalate		81.000	J 81	240	ug/Kg
P2549-06	BH623	Solid	Dibenzo(a,h)anthracene		90.000	J 74	240	ug/Kg
P2549-06	BH623	Solid	Fluoranthene		830.000	64	240	ug/Kg
P2549-06	BH623	Solid	Indeno(1,2,3-cd)pyrene		290.000	64	240	ug/Kg
P2549-06	BH623	Solid	Phenanthrene		310.000	75	240	ug/Kg
P2549-06	BH623	Solid	Pyrene		750.000	65	240	ug/Kg
Total Svoc :				5,001.00				
Total Concentration:				12,538.00				

Client ID : BH624

P2549-07	BH624	Solid	1,2-Benzenedicarboxylic acid, bis	*	150.000	J		
P2549-07	BH624	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P2549-07	BH624	Solid	11H-Benzo[a]fluoren-11-one	*	79.000	J		
P2549-07	BH624	Solid	11H-Benzo[b]fluorene	*	85.000	J		
P2549-07	BH624	Solid	4H-Cyclopenta[def]phenanthrene	*	210.000	J		
P2549-07	BH624	Solid	7H-Benz[de]anthracen-7-one	*	79.000	J		
P2549-07	BH624	Solid	9,10-Anthracenedione	*	86.000	J		
P2549-07	BH624	Solid	Anthracene, 2-methyl-	*	120.000	J		
P2549-07	BH624	Solid	Benzeneacetonitrile, .alpha.-hydro	*	120.000	J		
P2549-07	BH624	Solid	Benzo[e]pyrene	*	470.000	J		
P2549-07	BH624	Solid	Cyclopenta(def)phenanthrenone	*	100.000	J		
P2549-07	BH624	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P2549-07	BH624	Solid	n-Hexadecanoic acid	*	510.000	J		
P2549-07	BH624	Solid	Octadecanoic acid	*	98.000	J		
P2549-07	BH624	Solid	Pentadecafluorooctanoic acid, oct	*	200.000	J		
P2549-07	BH624	Solid	Pentanedioic acid, dimethyl ester	*	89.000	J		
P2549-07	BH624	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P2549-07	BH624	Solid	Phenanthrene, 2,7-dimethyl-	*	89.000	J		

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SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-07	BH624	Solid	Propylene Glycol	*	110.000	J		
P2549-07	BH624	Solid	unknown-01	*	100.000	J		
P2549-07	BH624	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				3,135.00				
P2549-07	BH624	Solid	Acenaphthylene		86.000	J 55	200	ug/Kg
P2549-07	BH624	Solid	Anthracene		110.000	J 56	200	ug/Kg
P2549-07	BH624	Solid	Benzaldehyde		130.000	J 57	390	ug/Kg
P2549-07	BH624	Solid	Benzo(a)anthracene		670.000	46	200	ug/Kg
P2549-07	BH624	Solid	Benzo(a)pyrene		760.000	68	200	ug/Kg
P2549-07	BH624	Solid	Benzo(b)fluoranthene		980.000	57	200	ug/Kg
P2549-07	BH624	Solid	Benzo(g,h,i)perylene		600.000	55	200	ug/Kg
P2549-07	BH624	Solid	Benzo(k)fluoranthene		390.000	69	200	ug/Kg
P2549-07	BH624	Solid	Bis(2-ethylhexyl)phthalate		380.000	51	200	ug/Kg
P2549-07	BH624	Solid	Butylbenzylphthalate		140.000	J 51	200	ug/Kg
P2549-07	BH624	Solid	Chrysene		800.000	55	200	ug/Kg
P2549-07	BH624	Solid	Dibenzo(a,h)anthracene		160.000	J 62	200	ug/Kg
P2549-07	BH624	Solid	Fluoranthene		1,600.000	53	200	ug/Kg
P2549-07	BH624	Solid	Indeno(1,2,3-cd)pyrene		510.000	53	200	ug/Kg
P2549-07	BH624	Solid	Phenanthrene		520.000	63	200	ug/Kg
P2549-07	BH624	Solid	Pyrene		1,400.000	55	200	ug/Kg
Total Svoc :				9,236.00				
Total Concentration:				12,371.00				
Client ID : BH625								
P2549-08	BH625	Solid	11H-Benzo[a]fluoren-11-one	*	83.000	J		
P2549-08	BH625	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-dithiolane	*	480.000	J		
P2549-08	BH625	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P2549-08	BH625	Solid	8-Octadecenoic acid, methyl ester	*	110.000	J		
P2549-08	BH625	Solid	Anthracene, 2-methyl-	*	80.000	J		
P2549-08	BH625	Solid	Benzeneacetonitrile, .alpha.-hydro	*	100.000	J		
P2549-08	BH625	Solid	n-Hexadecanoic acid	*	370.000	J		
P2549-08	BH625	Solid	Octadecanoic acid	*	92.000	J		
P2549-08	BH625	Solid	Pentadecafluorooctanoic acid, octadecanoic acid	*	170.000	J		
P2549-08	BH625	Solid	Perylene	*	210.000	J		
P2549-08	BH625	Solid	Phenanthrene, 2,5-dimethyl-	*	81.000	J		
P2549-08	BH625	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				1,916.00				
P2549-08	BH625	Solid	Acenaphthylene		55.000	J 55	200	ug/Kg
P2549-08	BH625	Solid	Anthracene		68.000	J 56	200	ug/Kg
P2549-08	BH625	Solid	Benzaldehyde		110.000	J 57	390	ug/Kg
P2549-08	BH625	Solid	Benzo(a)anthracene		440.000	46	200	ug/Kg

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SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-08	BH625	Solid	Benzo(a)pyrene	490.000		68	200	ug/Kg
P2549-08	BH625	Solid	Benzo(b)fluoranthene	650.000		57	200	ug/Kg
P2549-08	BH625	Solid	Benzo(g,h,i)perylene	370.000		55	200	ug/Kg
P2549-08	BH625	Solid	Benzo(k)fluoranthene	230.000		69	200	ug/Kg
P2549-08	BH625	Solid	Bis(2-ethylhexyl)phthalate	190.000	J	51	200	ug/Kg
P2549-08	BH625	Solid	Butylbenzylphthalate	61.000	J	51	200	ug/Kg
P2549-08	BH625	Solid	Chrysene	530.000		55	200	ug/Kg
P2549-08	BH625	Solid	Dibenzo(a,h)anthracene	100.000	J	62	200	ug/Kg
P2549-08	BH625	Solid	Fluoranthene	1,200.000		54	200	ug/Kg
P2549-08	BH625	Solid	Indeno(1,2,3-cd)pyrene	320.000		54	200	ug/Kg
P2549-08	BH625	Solid	Phenanthrene	370.000		63	200	ug/Kg
P2549-08	BH625	Solid	Pyrene	1,000.000		55	200	ug/Kg
Total Svoc :				6,184.00				
Total Concentration:				8,100.00				

Client ID : BH629

P2549-13	BH629	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	98.000	J			
P2549-13	BH629	Solid	11H-Benzo[a]fluoren-11-one *	98.000	J			
P2549-13	BH629	Solid	11H-Benzo[b]fluorene *	120.000	J			
P2549-13	BH629	Solid	4H-Cyclopenta[def]phenanthrene *	550.000	J			
P2549-13	BH629	Solid	7H-Benz[de]anthracen-7-one *	130.000	J			
P2549-13	BH629	Solid	9,10-Anthracenedione *	210.000	J			
P2549-13	BH629	Solid	9H-Fluoren-9-one *	150.000	J			
P2549-13	BH629	Solid	Anthracene, 2-methyl- *	190.000	J			
P2549-13	BH629	Solid	Benzo[b]naphtho[2,1-d]thiophene *	110.000	J			
P2549-13	BH629	Solid	Benzo[c]phenanthrene *	85.000	J			
P2549-13	BH629	Solid	Benzo[e]pyrene *	310.000	J			
P2549-13	BH629	Solid	Benzo[j]fluoranthene *	1,000.000	J			
P2549-13	BH629	Solid	Cyclopenta(def)phenanthrenone *	210.000	J			
P2549-13	BH629	Solid	Cyclopenta[cd]pyrene *	180.000	J			
P2549-13	BH629	Solid	Dibenzothiophene *	150.000	J			
P2549-13	BH629	Solid	Fluoranthene, 2-methyl- *	130.000	J			
P2549-13	BH629	Solid	Naphthalene, 2-phenyl- *	220.000	J			
P2549-13	BH629	Solid	o,p-DDE *	99.000	J			
P2549-13	BH629	Solid	Phenanthrene, 1-methyl- *	670.000	J			
P2549-13	BH629	Solid	Phenanthrene, 2,5-dimethyl- *	230.000	J			
P2549-13	BH629	Solid	Phenanthrene, 2,7-dimethyl- *	84.000	J			
P2549-13	BH629	Solid	Phenanthrene, 2-methyl- *	360.000	J			
P2549-13	BH629	Solid	Phenanthrene, 4,5-dimethyl- *	120.000	J			
P2549-13	BH629	Solid	Phenanthrene, 4-methyl- *	150.000	J			
P2549-13	BH629	Solid	Pyrene, 4-methyl- *	120.000	J			

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SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-13	BH629	Solid	unknown-01	*	160.000	J		
P2549-13	BH629	Solid	unknown-02	*	160.000	J		
P2549-13	BH629	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				6,094.00				
P2549-13	BH629	Solid	1-Methylnaphthalene		43.000	J	24	210 ug/Kg
P2549-13	BH629	Solid	Acenaphthene		220.000		63	210 ug/Kg
P2549-13	BH629	Solid	Acenaphthylene		78.000	J	58	210 ug/Kg
P2549-13	BH629	Solid	Anthracene		580.000		59	210 ug/Kg
P2549-13	BH629	Solid	Benzo(a)anthracene		1,800.000		49	210 ug/Kg
P2549-13	BH629	Solid	Benzo(a)pyrene		1,700.000		72	210 ug/Kg
P2549-13	BH629	Solid	Benzo(b)fluoranthene		2,100.000		61	210 ug/Kg
P2549-13	BH629	Solid	Benzo(g,h,i)perylene		1,200.000		58	210 ug/Kg
P2549-13	BH629	Solid	Benzo(k)fluoranthene		730.000		73	210 ug/Kg
P2549-13	BH629	Solid	Bis(2-ethylhexyl)phthalate		300.000		54	210 ug/Kg
P2549-13	BH629	Solid	Butylbenzylphthalate		150.000	J	54	210 ug/Kg
P2549-13	BH629	Solid	Carbazole		310.000	J	77	420 ug/Kg
P2549-13	BH629	Solid	Chrysene		1,800.000		58	210 ug/Kg
P2549-13	BH629	Solid	Dibenzo(a,h)anthracene		330.000		66	210 ug/Kg
P2549-13	BH629	Solid	Dibenzofuran		130.000	J	51	210 ug/Kg
P2549-13	BH629	Solid	Fluoranthene		4,600.000	E	57	210 ug/Kg
P2549-13	BH629	Solid	Fluorene		200.000	J	73	210 ug/Kg
P2549-13	BH629	Solid	Indeno(1,2,3-cd)pyrene		1,000.000		57	210 ug/Kg
P2549-13	BH629	Solid	Naphthalene		60.000	J	42	210 ug/Kg
P2549-13	BH629	Solid	Phenanthrene		2,600.000		67	210 ug/Kg
P2549-13	BH629	Solid	Pyrene		3,800.000	E	58	210 ug/Kg
Total Svoc :				23,731.00				
Total Concentration:				29,825.00				
Client ID : BHBM7								
P2549-19	BHBM7	Solid	1-Heneicosyl formate	*	220.000	J		
P2549-19	BHBM7	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2549-19	BHBM7	Solid	11H-Benzo[a]fluoren-11-one	*	85.000	J		
P2549-19	BHBM7	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P2549-19	BHBM7	Solid	n-Hexadecanoic acid	*	300.000	J		
P2549-19	BHBM7	Solid	Propylene Glycol	*	88.000	J		
P2549-19	BHBM7	Solid	Total Alkanes	*	0.000	53	190	ug/Kg
Total Tics :				933.00				
P2549-19	BHBM7	Solid	Anthracene		66.000	J	54	190 ug/Kg
P2549-19	BHBM7	Solid	Benzo(a)anthracene		310.000		45	190 ug/Kg
P2549-19	BHBM7	Solid	Benzo(a)pyrene		300.000		65	190 ug/Kg
P2549-19	BHBM7	Solid	Benzo(b)fluoranthene		400.000		55	190 ug/Kg

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SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-19	BHBM7	Solid	Benzo(g,h,i)perylene	220.000		53	190	ug/Kg
P2549-19	BHBM7	Solid	Benzo(k)fluoranthene	130.000	J	66	190	ug/Kg
P2549-19	BHBM7	Solid	Chrysene	340.000		53	190	ug/Kg
P2549-19	BHBM7	Solid	Dibenzo(a,h)anthracene	62.000	J	59	190	ug/Kg
P2549-19	BHBM7	Solid	Fluoranthene	750.000		51	190	ug/Kg
P2549-19	BHBM7	Solid	Indeno(1,2,3-cd)pyrene	190.000		51	190	ug/Kg
P2549-19	BHBM7	Solid	Phenanthrene	310.000		61	190	ug/Kg
P2549-19	BHBM7	Solid	Pyrene	670.000		53	190	ug/Kg
Total Svoc :				3,748.00				
Total Concentration:				4,681.00				
Client ID : BHBM9								
P2549-21	BHBM9	Solid	n-Hexadecanoic acid	*	100.000	J		
P2549-21	BHBM9	Solid	Octadecanoic acid	*	91.000	J		
P2549-21	BHBM9	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				191.00				
P2549-21	BHBM9	Solid	Anthracene		55.000	J	55	200
Total Svoc :				55.00				
Total Concentration:				246.00				
Client ID : BHBN0								
P2549-22	BHBN0	Solid	1-Phenoxypropan-2-ol	*	87.000	J		
P2549-22	BHBN0	Solid	11H-Benzo[a]fluoren-11-one	*	82.000	J		
P2549-22	BHBN0	Solid	11H-Benzo[a]fluorene	*	90.000	J		
P2549-22	BHBN0	Solid	4H-Cyclopenta[def]phenanthrene	*	290.000	J		
P2549-22	BHBN0	Solid	7H-Benz[de]anthracen-7-one	*	88.000	J		
P2549-22	BHBN0	Solid	9,10-Anthracenedione	*	130.000	J		
P2549-22	BHBN0	Solid	Anthracene, 2-methyl-	*	390.000	J		
P2549-22	BHBN0	Solid	Benzo[e]pyrene	*	470.000	J		
P2549-22	BHBN0	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2549-22	BHBN0	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2549-22	BHBN0	Solid	Fluoranthene, 2-methyl-	*	96.000	J		
P2549-22	BHBN0	Solid	Naphthalene, 2-phenyl-	*	96.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 2,3-dimethyl-	*	80.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 2-methyl-	*	160.000	J		
P2549-22	BHBN0	Solid	Pyrene, 1-methyl-	*	100.000	J		
P2549-22	BHBN0	Solid	unknown-01	*	130.000	J		
P2549-22	BHBN0	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				2,789.00				
P2549-22	BHBN0	Solid	1-Methylnaphthalene		46.000	J	23	200

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-22	BHBN0	Solid	Acenaphthene	69.000	J	59	200	ug/Kg
P2549-22	BHBN0	Solid	Acenaphthylene	61.000	J	55	200	ug/Kg
P2549-22	BHBN0	Solid	Anthracene	200.000		56	200	ug/Kg
P2549-22	BHBN0	Solid	Benzaldehyde	280.000	J	57	390	ug/Kg
P2549-22	BHBN0	Solid	Benzo(a)anthracene	850.000		46	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(a)pyrene	860.000		68	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(b)fluoranthene	1,200.000		57	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(g,h,i)perylene	700.000		55	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(k)fluoranthene	290.000		69	200	ug/Kg
P2549-22	BHBN0	Solid	Bis(2-ethylhexyl)phthalate	100.000	J	51	200	ug/Kg
P2549-22	BHBN0	Solid	Carbazole	110.000	J	72	390	ug/Kg
P2549-22	BHBN0	Solid	Chrysene	950.000		55	200	ug/Kg
P2549-22	BHBN0	Solid	Dibenzo(a,h)anthracene	180.000	J	62	200	ug/Kg
P2549-22	BHBN0	Solid	Fluoranthene	2,100.000		53	200	ug/Kg
P2549-22	BHBN0	Solid	Indeno(1,2,3-cd)pyrene	560.000		53	200	ug/Kg
P2549-22	BHBN0	Solid	Phenanthrene	960.000		63	200	ug/Kg
P2549-22	BHBN0	Solid	Pyrene	1,800.000		55	200	ug/Kg

Total Svoc : 11,316.00

Total Concentration: 14,105.00

Client ID : BHBN1

P2549-23	BHBN1	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	260.000	J			
P2549-23	BHBN1	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2549-23	BHBN1	Solid	11H-Benzo[b]fluorene *	190.000	J			
P2549-23	BHBN1	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	570.000	J			
P2549-23	BHBN1	Solid	3-Methyl-[1,1-biphenyl]-4-carbal *	180.000	J			
P2549-23	BHBN1	Solid	4,5-Dihydroxy-7-methoxyflavano *	440.000	J			
P2549-23	BHBN1	Solid	4-(4-Methylphenyl)benzaldehyde *	370.000	J			
P2549-23	BHBN1	Solid	4H-Cyclopenta[def]phenanthrene *	1,300.000	J			
P2549-23	BHBN1	Solid	7H-Benz[de]anthracen-7-one *	200.000	J			
P2549-23	BHBN1	Solid	9,10-Anthracenedione *	660.000	J			
P2549-23	BHBN1	Solid	9H-Fluoren-9-one *	520.000	J			
P2549-23	BHBN1	Solid	9H-Fluorene, 2-methyl- *	310.000	J			
P2549-23	BHBN1	Solid	Anthracene, 2-ethyl- *	300.000	J			
P2549-23	BHBN1	Solid	Anthracene, 2-methyl- *	1,600.000	J			
P2549-23	BHBN1	Solid	Benzo[c]cinnoline, 4-methyl- *	240.000	J			
P2549-23	BHBN1	Solid	Benzo[e]pyrene *	630.000	J			
P2549-23	BHBN1	Solid	Cyclopenta(def)phenanthrenone *	660.000	J			
P2549-23	BHBN1	Solid	di-p-Tolylacetylene *	190.000	J			
P2549-23	BHBN1	Solid	Dibenzofuran, 4-methyl- *	400.000	J			
P2549-23	BHBN1	Solid	Dibenzothiophene *	400.000	J			

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-23	BHBN1	Solid	Naphthalene, 1,2-dihydro-4-pheny *	230.000	J			
P2549-23	BHBN1	Solid	Naphthalene, 2-phenyl-	*	640.000	J		
P2549-23	BHBN1	Solid	Naphtho[2,1-b]furan, 1,2-dimethy *	230.000	J			
P2549-23	BHBN1	Solid	Perylene	*	2,000.000	J		
P2549-23	BHBN1	Solid	Phenanthrene, 2,5-dimethyl-	*	780.000	J		
P2549-23	BHBN1	Solid	Phenanthrene, 2-methyl-	*	970.000	J		
P2549-23	BHBN1	Solid	Phenanthrene, 3,6-dimethyl-	*	220.000	J		
P2549-23	BHBN1	Solid	Phenanthridine	*	220.000	J		
P2549-23	BHBN1	Solid	unknown-01	*	450.000	J		
P2549-23	BHBN1	Solid	unknown-02	*	1,100.000	J		
P2549-23	BHBN1	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				16,460.00				
P2549-23	BHBN1	Solid	1,1-Biphenyl	65.000	J	57	210	ug/Kg
P2549-23	BHBN1	Solid	1-Methylnaphthalene	170.000	J	23	210	ug/Kg
P2549-23	BHBN1	Solid	2-Methylnaphthalene	220.000		46	210	ug/Kg
P2549-23	BHBN1	Solid	Acenaphthene	360.000		62	210	ug/Kg
P2549-23	BHBN1	Solid	Acenaphthylene	540.000		57	210	ug/Kg
P2549-23	BHBN1	Solid	Anthracene	1,200.000		58	210	ug/Kg
P2549-23	BHBN1	Solid	Benzaldehyde	120.000	J	59	410	ug/Kg
P2549-23	BHBN1	Solid	Benzo(a)anthracene	4,000.000	E	48	210	ug/Kg
P2549-23	BHBN1	Solid	Benzo(a)pyrene	3,700.000	E	70	210	ug/Kg
P2549-23	BHBN1	Solid	Benzo(b)fluoranthene	4,800.000	E	59	210	ug/Kg
P2549-23	BHBN1	Solid	Benzo(g,h,i)perylene	2,600.000		57	210	ug/Kg
P2549-23	BHBN1	Solid	Benzo(k)fluoranthene	1,900.000		71	210	ug/Kg
P2549-23	BHBN1	Solid	Carbazole	730.000		75	410	ug/Kg
P2549-23	BHBN1	Solid	Chrysene	4,400.000	E	57	210	ug/Kg
P2549-23	BHBN1	Solid	Dibenzo(a,h)anthracene	790.000		64	210	ug/Kg
P2549-23	BHBN1	Solid	Dibenzofuran	430.000		49	210	ug/Kg
P2549-23	BHBN1	Solid	Fluoranthene	7,700.000	E	55	210	ug/Kg
P2549-23	BHBN1	Solid	Fluorene	520.000		71	210	ug/Kg
P2549-23	BHBN1	Solid	Indeno(1,2,3-cd)pyrene	2,300.000		55	210	ug/Kg
P2549-23	BHBN1	Solid	Naphthalene	340.000		41	210	ug/Kg
P2549-23	BHBN1	Solid	Phenanthrene	4,700.000	E	65	210	ug/Kg
P2549-23	BHBN1	Solid	Pyrene	7,000.000	E	57	210	ug/Kg
Total Svoc :				48,585.00				
Total Concentration:				65,045.00				

Client ID : BHBN2

P2549-24	BHBN2	Solid	1(2H)-Acenaphthylenone	*	120.000	J		
P2549-24	BHBN2	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2549-24	BHBN2	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-24	BHBN2	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2549-24	BHBN2	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	260.000	J		
P2549-24	BHBN2	Solid	2-Methyldibenzothiophene	*	110.000	J		
P2549-24	BHBN2	Solid	3,4-Dimethylphenanthrene	*	120.000	J		
P2549-24	BHBN2	Solid	4H-Cyclopenta[def]phenanthrene	*	730.000	J		
P2549-24	BHBN2	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2549-24	BHBN2	Solid	9,10-Anthracenedione	*	260.000	J		
P2549-24	BHBN2	Solid	9H-Fluoren-3-ol	*	120.000	J		
P2549-24	BHBN2	Solid	9H-Fluoren-9-one	*	140.000	J		
P2549-24	BHBN2	Solid	9H-Fluorene, 2-methyl-	*	140.000	J		
P2549-24	BHBN2	Solid	Anthracene, 2-methyl-	*	170.000	J		
P2549-24	BHBN2	Solid	benzenamine, 4-(2-benzothiazolyl)	*	160.000	J		
P2549-24	BHBN2	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J		
P2549-24	BHBN2	Solid	Benzo[e]pyrene	*	430.000	J		
P2549-24	BHBN2	Solid	Chrysene, 1-methyl-	*	100.000	J		
P2549-24	BHBN2	Solid	Cyclopenta(def)phenanthrenone	*	270.000	J		
P2549-24	BHBN2	Solid	Dibenzothiophene	*	160.000	J		
P2549-24	BHBN2	Solid	Naphthalene, 2-phenyl-	*	280.000	J		
P2549-24	BHBN2	Solid	Perylene	*	1,300.000	J		
P2549-24	BHBN2	Solid	Phenanthrene, 1,7-dimethyl-	*	130.000	J		
P2549-24	BHBN2	Solid	Phenanthrene, 1-methyl-	*	740.000	J		
P2549-24	BHBN2	Solid	Phenanthrene, 2-methyl-	*	420.000	J		
P2549-24	BHBN2	Solid	Phenanthrene, 3,6-dimethyl-	*	330.000	J		
P2549-24	BHBN2	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2549-24	BHBN2	Solid	Pyrene, 4-methyl-	*	130.000	J		
P2549-24	BHBN2	Solid	unknown-01	*	120.000	J		
P2549-24	BHBN2	Solid	unknown-02	*	230.000	J		
P2549-24	BHBN2	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :				7,750.00				
P2549-24	BHBN2	Solid	1-Methylnaphthalene		53.000	J	22	200 ug/Kg
P2549-24	BHBN2	Solid	2-Methylnaphthalene		55.000	J	43	200 ug/Kg
P2549-24	BHBN2	Solid	Acenaphthene		150.000	J	58	200 ug/Kg
P2549-24	BHBN2	Solid	Acenaphthylene		240.000		53	200 ug/Kg
P2549-24	BHBN2	Solid	Anthracene		540.000		55	200 ug/Kg
P2549-24	BHBN2	Solid	Benzaldehyde		160.000	J	56	380 ug/Kg
P2549-24	BHBN2	Solid	Benzo(a)anthracene		2,100.000		45	200 ug/Kg
P2549-24	BHBN2	Solid	Benzo(a)pyrene		2,000.000		66	200 ug/Kg
P2549-24	BHBN2	Solid	Benzo(b)fluoranthene		2,600.000		56	200 ug/Kg
P2549-24	BHBN2	Solid	Benzo(g,h,i)perylene		1,500.000		53	200 ug/Kg
P2549-24	BHBN2	Solid	Benzo(k)fluoranthene		940.000		67	200 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-24	BHBN2	Solid	Carbazole	250.000	J	71	380	ug/Kg
P2549-24	BHBN2	Solid	Chrysene	2,300.000		53	200	ug/Kg
P2549-24	BHBN2	Solid	Dibenzo(a,h)anthracene	420.000		60	200	ug/Kg
P2549-24	BHBN2	Solid	Dibenzofuran	99.000	J	47	200	ug/Kg
P2549-24	BHBN2	Solid	Fluoranthene	4,400.000	E	52	200	ug/Kg
P2549-24	BHBN2	Solid	Fluorene	180.000	J	67	200	ug/Kg
P2549-24	BHBN2	Solid	Indeno(1,2,3-cd)pyrene	1,300.000		52	200	ug/Kg
P2549-24	BHBN2	Solid	Naphthalene	71.000	J	38	200	ug/Kg
P2549-24	BHBN2	Solid	Phenanthrene	2,400.000		62	200	ug/Kg
P2549-24	BHBN2	Solid	Pyrene	3,900.000	E	53	200	ug/Kg
Total Svoc :				25,658.00				
Total Concentration:				33,408.00				
Client ID : BHBN2DL								
P2549-24DL	BHBN2DL	Solid	11H-Benzo[a]fluoren-11-one	*	160.000	JD		
P2549-24DL	BHBN2DL	Solid	11H-Benzo[a]fluorene	*	230.000	JD		
P2549-24DL	BHBN2DL	Solid	4H-Cyclopenta[def]phenanthrene	*	760.000	JD		
P2549-24DL	BHBN2DL	Solid	7H-Benz[de]anthracen-7-one	*	230.000	JD		
P2549-24DL	BHBN2DL	Solid	9,10-Anthracenedione	*	270.000	JD		
P2549-24DL	BHBN2DL	Solid	Accephenanthrylene, 4,5-dihydro-	*	230.000	JD		
P2549-24DL	BHBN2DL	Solid	Anthracene, 1,4-dimethyl-	*	360.000	JD		
P2549-24DL	BHBN2DL	Solid	Anthracene, 2-methyl-	*	170.000	JD		
P2549-24DL	BHBN2DL	Solid	Anthracene, 9-methyl-	*	270.000	JD		
P2549-24DL	BHBN2DL	Solid	Benzo[e]pyrene	*	460.000	JD		
P2549-24DL	BHBN2DL	Solid	Cyclopenta(def)phenanthrenone	*	290.000	JD		
P2549-24DL	BHBN2DL	Solid	Cyclopenta[cd]pyrene	*	220.000	JD		
P2549-24DL	BHBN2DL	Solid	Fluoranthene, 2-methyl-	*	200.000	JD		
P2549-24DL	BHBN2DL	Solid	Naphthalene, 2-phenyl-	*	260.000	JD		
P2549-24DL	BHBN2DL	Solid	Naphtho[2,1-b]thiophene	*	160.000	JD		
P2549-24DL	BHBN2DL	Solid	Perylene	*	1,400.000	JD		
P2549-24DL	BHBN2DL	Solid	Phenanthrene, 1-methyl-	*	730.000	JD		
P2549-24DL	BHBN2DL	Solid	Phenanthrene, 2-methyl-	*	430.000	JD		
P2549-24DL	BHBN2DL	Solid	Pyrene, 1-methyl-	*	210.000	JD		
P2549-24DL	BHBN2DL	Solid	Total Alkanes	*	0.000	D 110	400	ug/Kg
Total Tics :				7,040.00				
P2549-24DL	BHBN2DL	Solid	Acenaphthene		150.000	JD 120	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Acenaphthylene		270.000	JD 110	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Anthracene		570.000	D 110	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Benzaldehyde		160.000	JD 110	770	ug/Kg
P2549-24DL	BHBN2DL	Solid	Benzo(a)anthracene		2,200.000	D 91	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Benzo(a)pyrene		2,100.000	D 130	400	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-24DL	BHBN2DL	Solid	Benzo(b)fluoranthene	2,600.000	D	110	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Benzo(g,h,i)perylene	1,500.000	D	110	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Benzo(k)fluoranthene	890.000	D	130	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Carbazole	250.000	JD	140	770	ug/Kg
P2549-24DL	BHBN2DL	Solid	Chrysene	2,200.000	D	110	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Dibenzo(a,h)anthracene	410.000	D	120	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Dibenzofuran	98.000	JD	93	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Fluoranthene	4,500.000	D	100	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Fluorene	180.000	JD	130	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Indeno(1,2,3-cd)pyrene	1,300.000	D	100	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Phenanthrene	2,600.000	D	120	400	ug/Kg
P2549-24DL	BHBN2DL	Solid	Pyrene	3,900.000	D	110	400	ug/Kg
Total Svoc :				25,878.00				
Total Concentration:				32,918.00				
Client ID : BH647DL2								
P2569-07DL2	BH647DL2	Solid	Total Alkanes	*	0.000	D 1100	4000	ug/Kg
Total Tics :				0.00				
P2569-07DL2	BH647DL2	Solid	Bis(2-ethylhexyl)phthalate	56,000.000	D	1000	4000	ug/Kg
P2569-07DL2	BH647DL2	Solid	Fluoranthene	1,100.000	JD	1100	4000	ug/Kg
Total Svoc :				57,100.00				
Total Concentration:				57,100.00				

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.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020205 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:04

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 SBLK108	463071	7.68	2.0828e+	10.46	1.4528e+	14.32
02 BHBM9	688583	7.68	2.82926e	10.46	1.49842e	14.32
03 BHBN1	594213	7.68	2.54855e	10.46	1.49563e	14.32
04 BH647DL2	579347	7.68	2.61525e	10.46	1.68165e	14.32
05 BHBN2	511220	7.68	2.18675e	10.46	1.2669e+	14.32
06 BH618	520944	7.68	2.21093e	10.46	1.38018e	14.32
07 BH619	475837	7.68	2.0611e+	10.47	1.23896e	14.32
08 BHBN2DL	541910	7.68	2.25461e	10.46	1.20955e	14.32
09 BH620	515091	7.68	2.24424e	10.46	1.34344e	14.32
10 BH623	598538	7.68	2.52046e	10.46	1.41515e	14.32
11 BH624	536736	7.68	2.29843e	10.46	1.31209e	14.32
12 BH625	467975	7.68	2.03215e	10.47	1.18862e	14.32
13 BH629	505649	7.68	2.18163e	10.46	1.31053e	14.32
14 BHBM7	545568	7.68	2.33701e	10.46	1.38412e	14.32
15 BHBN0	517701	7.68	2.19672e	10.46	1.32232e	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.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020268 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031735.D Time Analyzed: 11:04

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	515983	7.681	2.38672e+01	10.47	1.5882e+006	14.32
UPPER LIMIT	1031966	8.181	4773440	10.969	3176400	14.822
LOWER LIMIT	257991.5	7.181	1193360	9.969	794100	13.822
EPA SAMPLE NO.						
01 SBLK108	463071	7.68	2.0828e+	10.46	1.4528e+	14.32
02 BHBM9	688583	7.68	2.82926e	10.46	1.49842e	14.32
03 BHBN1	594213	7.68	2.54855e	10.46	1.49563e	14.32
04 BH647DL2	579347	7.68	2.61525e	10.46	1.68165e	14.32
05 BHBN2	511220	7.68	2.18675e	10.46	1.2669e+	14.32
06 BH618	520944	7.68	2.21093e	10.46	1.38018e	14.32
07 BH619	475837	7.68	2.0611e+	10.47	1.23896e	14.32
08 BHBN2DL	541910	7.68	2.25461e	10.46	1.20955e	14.32
09 BH620	515091	7.68	2.24424e	10.46	1.34344e	14.32
10 BH623	598538	7.68	2.52046e	10.46	1.41515e	14.32
11 BH624	536736	7.68	2.29843e	10.46	1.31209e	14.32
12 BH625	467975	7.68	2.03215e	10.47	1.18862e	14.32
13 BH629	505649	7.68	2.18163e	10.46	1.31053e	14.32
14 BHBM7	545568	7.68	2.33701e	10.46	1.38412e	14.32
15 BHBN0	517701	7.68	2.19672e	10.46	1.32232e	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.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020205 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:04

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	SBLK108	3.13951	17.07	2.63233e+	21.30	2.38042e+	24.25
02	BHBM9	2.48598	17.07	1.94525e+	21.30	2.29977e+	24.24
03	BHBN1	2.57487	17.08	1.35247e+ *	21.32	1.67581e+ *	24.26
04	BH647DL2	3.23234	17.07	1.88792e+	21.30	1.92789e+	24.25
05	BHBN2	2.02355	17.08	1.30194e+ *	21.31	1.60233e+ *	24.25
06	BH618	2.68094	17.08	1.52744e+ *	21.31	1.69759e+ *	24.25
07	BH619	2.17771	17.07	1.24344e+ *	21.31	1.42546e+ *	24.25
08	BHBN2DL	1.89615	17.07	1.41197e+ *	21.31	1.74128e+ *	24.25
09	BH620	2.51173	17.07	1.37412e+ *	21.31	1.53738e+ *	24.25
10	BH623	2.24006	17.07	1.55213e+ *	21.30	1.82637e+	24.25
11	BH624	2.18548	17.07	1.31063e+ *	21.31	1.53956e+ *	24.26
12	BH625	2.14205	17.08	1.21601e+ *	21.30	1.37688e+ *	24.25
13	BH629	2.2706e	17.08	1.27664e+ *	21.31	1.47989e+ *	24.25
14	BHBM7	2.46176	17.07	1.39857e+ *	21.30	1.63206e+ *	24.25
15	BHBN0	2.29065	17.08	1.3209e+0 *	21.30	1.55037e+ *	24.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020205 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 20:14

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+00	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.						

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.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020268 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031735.D Time Analyzed: 11:04

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	3.33463e+01	17.069	2.64887e+	21.31	2.32847e+01	24.245
	UPPER LIMIT	6669260	17.569	5297740	21.81	4656940	24.745
	LOWER LIMIT	1667315	16.569	1324435	20.81	1164235	23.745
	EPA SAMPLE NO.						
01	SBLK108	3.13951	17.07	2.63233e+	21.30	2.38042e+	24.25
02	BHBM9	2.48598	17.07	1.94525e+	21.30	2.29977e+	24.24
03	BHBN1	2.57487	17.08	1.35247e+	21.32	1.67581e+	24.26
04	BH647DL2	3.23234	17.07	1.88792e+	21.30	1.92789e+	24.25
05	BHBN2	2.02355	17.08	1.30194e+ *	21.31	1.60233e+	24.25
06	BH618	2.68094	17.08	1.52744e+	21.31	1.69759e+	24.25
07	BH619	2.17771	17.07	1.24344e+ *	21.31	1.42546e+	24.25
08	BHBN2DL	1.89615	17.07	1.41197e+	21.31	1.74128e+	24.25
09	BH620	2.51173	17.07	1.37412e+	21.31	1.53738e+	24.25
10	BH623	2.24006	17.07	1.55213e+	21.30	1.82637e+	24.25
11	BH624	2.18548	17.07	1.31063e+ *	21.31	1.53956e+	24.26
12	BH625	2.14205	17.08	1.21601e+ *	21.30	1.37688e+	24.25
13	BH629	2.2706e	17.08	1.27664e+ *	21.31	1.47989e+	24.25
14	BHBM7	2.46176	17.07	1.39857e+	21.30	1.63206e+	24.25
15	BHBN0	2.29065	17.08	1.3209e+0 *	21.30	1.55037e+	24.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN053124 SAS No.: BN053124 SDG NO.: BN053124

EPA Sample No.: SSTD020268 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BN031735.D Time Analyzed: 20:14

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	3.33463e+01	17.069	2.64887e+01	21.31	2.32847e+01	24.245
UPPER LIMIT	6669260	17.569	5297740	21.81	4656940	24.745
LOWER LIMIT	1667315	16.569	1324435	20.81	1164235	23.745
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK108

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN053124

SAS No.: BN053124 SDG NO.: BN053124

Lab File ID: BN031736.D

Lab Sample ID: PB161108BL

Instrument ID: BNA_N

Date Extracted: 05/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/31/2024

Level: (low/med) LOW

Time Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBM9	P2549-21	BN031737.D	05/31/2024
BHBN1	P2549-23	BN031738.D	05/31/2024
BHBN2	P2549-24	BN031740.D	05/31/2024
BH618	P2549-01	BN031741.D	05/31/2024
BH619	P2549-02	BN031742.D	05/31/2024
BH620	P2549-03	BN031744.D	05/31/2024
BH623	P2549-06	BN031745.D	05/31/2024
BH624	P2549-07	BN031746.D	05/31/2024
BH625	P2549-08	BN031747.D	05/31/2024
BH629	P2549-13	BN031748.D	05/31/2024
BHBM7	P2549-19	BN031749.D	05/31/2024
BHBN0	P2549-22	BN031750.D	05/31/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-01	BH618	BN031741.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Pyridine-d5	40	13.07	33		20	120
			Phenol-d5	40	20.49	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.06	50		10	150
			2-Chlorophenol-d4	40	21.76	54		15	120
			4-Methylphenol-d8	40	12.09	30		10	140
			Nitrobenzene-d5	40	22.79	57		10	135
			2-Nitrophenol-d4	40	23.85	60		10	120
			2,4-Dichlorophenol-d3	40	21.89	55		10	140
			4-Chloroaniline-d4	40	7.23	18		1	145
			Dimethylphthalate-d6	40	24.05	60		10	145
			Acenaphthylene-d8	40	23.91	60		15	120
			4-Nitrophenol-d4	40	19.19	48		10	150
			Fluorene-d10	40	23.97	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.83	32		10	130
			Anthracene-d10	40	24.43	61		10	150
			Pyrene-d10	40	34.08	85		10	130
			Benzo(a)pyrene-d12	40	24.50	61		10	140
P2549-02	BH619	BN031742.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	9.13	23		20	120
			Phenol-d5	40	22.27	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.11	55		10	150
			2-Chlorophenol-d4	40	23.71	59		15	120
			4-Methylphenol-d8	40	17.99	45		10	140
			Nitrobenzene-d5	40	24.29	61		10	135
			2-Nitrophenol-d4	40	24.73	62		10	120
			2,4-Dichlorophenol-d3	40	23.24	58		10	140
			4-Chloroaniline-d4	40	9.37	23		1	145
			Dimethylphthalate-d6	40	24.82	62		10	145
			Acenaphthylene-d8	40	24.83	62		15	120
			4-Nitrophenol-d4	40	13.53	34		10	150
			Fluorene-d10	40	24.55	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.19	30		10	130
			Anthracene-d10	40	25.95	65		10	150
			Pyrene-d10	40	32.41	81		10	130
			Benzo(a)pyrene-d12	40	24.70	62		10	140
P2549-03	BH620	BN031744.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	13.21	33		20	120
			Phenol-d5	40	21.09	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.53	51		10	150
			2-Chlorophenol-d4	40	22.55	56		15	120
			4-Methylphenol-d8	40	18.84	47		10	140
			Nitrobenzene-d5	40	22.72	57		10	135
			2-Nitrophenol-d4	40	23.03	58		10	120
			2,4-Dichlorophenol-d3	40	21.73	54		10	140
			4-Chloroaniline-d4	40	11.21	28		1	145
			Dimethylphthalate-d6	40	22.87	57		10	145
			Acenaphthylene-d8	40	23.45	59		15	120
			4-Nitrophenol-d4	40	15.86	40		10	150

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-03	BH620	BN031744.D	Fluorene-d10	40	22.75	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.80	30		10	130
			Anthracene-d10	40	23.36	58		10	150
			Pyrene-d10	40	31.32	78		10	130
			Benzo(a)pyrene-d12	40	23.86	60		10	140
P2549-06	BH623	BN031745.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Pyridine-d5	40	19.15	48		20	120
			Phenol-d5	40	25.28	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.12	60		10	150
			2-Chlorophenol-d4	40	26.41	66		15	120
			4-Methylphenol-d8	40	20.37	51		10	140
			Nitrobenzene-d5	40	26.96	67		10	135
			2-Nitrophenol-d4	40	27.89	70		10	120
			2,4-Dichlorophenol-d3	40	25.36	63		10	140
			4-Chloroaniline-d4	40	8.78	22		1	145
			Dimethylphthalate-d6	40	26.23	66		10	145
			Acenaphthylene-d8	40	26.77	67		15	120
			4-Nitrophenol-d4	40	18.06	45		10	150
			Fluorene-d10	40	25.01	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.12	40		10	130
			Anthracene-d10	40	26.08	65		10	150
			Pyrene-d10	40	29.48	74		10	130
			Benzo(a)pyrene-d12	40	26.79	67		10	140
			1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	22.83	57		20	120
P2549-07	BH624	BN031746.D	Phenol-d5	40	30.98	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.37	73		10	150
			2-Chlorophenol-d4	40	32.20	81		15	120
			4-Methylphenol-d8	40	29.72	74		10	140
			Nitrobenzene-d5	40	33.05	83		10	135
			2-Nitrophenol-d4	40	34.20	85		10	120
			2,4-Dichlorophenol-d3	40	31.52	79		10	140
			4-Chloroaniline-d4	40	14.33	36		1	145
			Dimethylphthalate-d6	40	32.59	81		10	145
			Acenaphthylene-d8	40	33.05	83		15	120
			4-Nitrophenol-d4	40	25.43	64		10	150
			Fluorene-d10	40	31.28	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.96	55		10	130
			Anthracene-d10	40	32.71	82		10	150
			Pyrene-d10	40	38.42	96		10	130
			Benzo(a)pyrene-d12	40	33.71	84		10	140
			1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	18.88	47		20	120
			Phenol-d5	40	26.81	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.65	64		10	150
P2549-08	BH625	BN031747.D	2-Chlorophenol-d4	40	27.84	70		15	120
			4-Methylphenol-d8	40	24.58	61		10	140
			Nitrobenzene-d5	40	28.20	71		10	135
			2-Nitrophenol-d4	40	29.32	73		10	120

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-08	BH625	BN031747.D	2,4-Dichlorophenol-d3	40	26.53	66		10	140
			4-Chloroaniline-d4	40	15.71	39		1	145
			Dimethylphthalate-d6	40	27.83	70		10	145
			Acenaphthylene-d8	40	28.34	71		15	120
			4-Nitrophenol-d4	40	23.08	58		10	150
			Fluorene-d10	40	27.36	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.99	42		10	130
			Anthracene-d10	40	27.74	69		10	150
			Pyrene-d10	40	36.51	91		10	130
			Benzo(a)pyrene-d12	40	28.88	72		10	140
P2549-13	BH629	BN031748.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Pyridine-d5	40	19.42	49		20	120
			Phenol-d5	40	28.93	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.71	69		10	150
			2-Chlorophenol-d4	40	30.17	75		15	120
			4-Methylphenol-d8	40	27.08	68		10	140
			Nitrobenzene-d5	40	30.74	77		10	135
			2-Nitrophenol-d4	40	32.19	80		10	120
			2,4-Dichlorophenol-d3	40	29.48	74		10	140
			4-Chloroaniline-d4	40	19.82	50		1	145
			Dimethylphthalate-d6	40	29.98	75		10	145
			Acenaphthylene-d8	40	30.81	77		15	120
			4-Nitrophenol-d4	40	24.04	60		10	150
			Fluorene-d10	40	29.05	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.91	45		10	130
			Anthracene-d10	40	30.58	76		10	150
			Pyrene-d10	40	37.82	95		10	130
			Benzo(a)pyrene-d12	40	32.31	81		10	140
P2549-19	BHBM7	BN031749.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	19.04	48		20	120
			Phenol-d5	40	25.11	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.49	59		10	150
			2-Chlorophenol-d4	40	25.46	64		15	120
			4-Methylphenol-d8	40	25.40	63		10	140
			Nitrobenzene-d5	40	27.20	68		10	135
			2-Nitrophenol-d4	40	28.75	72		10	120
			2,4-Dichlorophenol-d3	40	27.01	68		10	140
			4-Chloroaniline-d4	40	25.22	63		1	145
			Dimethylphthalate-d6	40	29.56	74		10	145
			Acenaphthylene-d8	40	29.93	75		15	120
			4-Nitrophenol-d4	40	24.67	62		10	150
			Fluorene-d10	40	28.87	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.92	52		10	130
			Anthracene-d10	40	30.84	77		10	150
			Pyrene-d10	40	37.77	94		10	130
			Benzo(a)pyrene-d12	40	30.34	76		10	140
P2549-21	BHBM9	BN031737.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	22.47	56		20	120
			Phenol-d5	40	26.20	65		10	130

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-21	BHBM9	BN031737.D	Bis(2-Chloroethyl)ether-d8	40	24.90	62		10	150
			2-Chlorophenol-d4	40	26.86	67		15	120
			4-Methylphenol-d8	40	25.18	63		10	140
			Nitrobenzene-d5	40	27.10	68		10	135
			2-Nitrophenol-d4	40	28.04	70		10	120
			2,4-Dichlorophenol-d3	40	26.41	66		10	140
			4-Chloroaniline-d4	40	17.72	44		1	145
			Dimethylphthalate-d6	40	27.50	69		10	145
			Acenaphthylene-d8	40	28.13	70		15	120
			4-Nitrophenol-d4	40	21.97	55		10	150
			Fluorene-d10	40	26.68	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.07	63		10	130
			Anthracene-d10	40	30.66	77		10	150
			Pyrene-d10	40	31.76	79		10	130
			Benzo(a)pyrene-d12	40	29.59	74		10	140
P2549-22	BHBN0	BN031750.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	11.78	29		20	120
			Phenol-d5	40	19.30	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.08	48		10	150
			2-Chlorophenol-d4	40	20.35	51		15	120
			4-Methylphenol-d8	40	16.73	42		10	140
			Nitrobenzene-d5	40	20.93	52		10	135
			2-Nitrophenol-d4	40	21.49	54		10	120
			2,4-Dichlorophenol-d3	40	19.92	50		10	140
			4-Chloroaniline-d4	40	8.29	21		1	145
			Dimethylphthalate-d6	40	20.19	50		10	145
			Acenaphthylene-d8	40	20.66	52		15	120
			4-Nitrophenol-d4	40	13.37	33		10	150
			Fluorene-d10	40	20.02	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.66	27		10	130
			Anthracene-d10	40	21.19	53		10	150
			Pyrene-d10	40	26.54	66		10	130
P2549-23	BHBN1	BN031738.D	Benzo(a)pyrene-d12	40	21.38	53		10	140
			1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	14.24	36		20	120
			Phenol-d5	40	21.34	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.62	52		10	150
			2-Chlorophenol-d4	40	22.20	55		15	120
			4-Methylphenol-d8	40	19.85	50		10	140
			Nitrobenzene-d5	40	22.45	56		10	135
			2-Nitrophenol-d4	40	23.22	58		10	120
			2,4-Dichlorophenol-d3	40	22.13	55		10	140
			4-Chloroaniline-d4	40	8.64	22		1	145
			Dimethylphthalate-d6	40	22.79	57		10	145
			Acenaphthylene-d8	40	23.66	59		15	120
			4-Nitrophenol-d4	40	13.29	33		10	150
			Fluorene-d10	40	22.57	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.23	21		10	130
			Anthracene-d10	40	23.68	59		10	150

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-23	BHBN1	BN031738.D	Pyrene-d10	40	29.57	74		10	130
			Benzo(a)pyrene-d12	40	23.61	59		10	140
P2549-24	BHBN2	BN031740.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	18.17	45		20	120
			Phenol-d5	40	24.18	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.89	60		10	150
			2-Chlorophenol-d4	40	25.98	65		15	120
			4-Methylphenol-d8	40	21.87	55		10	140
			Nitrobenzene-d5	40	26.27	66		10	135
			2-Nitrophenol-d4	40	27.00	67		10	120
			2,4-Dichlorophenol-d3	40	25.09	63		10	140
			4-Chloroaniline-d4	40	14.94	37		1	145
			Dimethylphthalate-d6	40	25.53	64		10	145
			Acenaphthylene-d8	40	26.42	66		15	120
			4-Nitrophenol-d4	40	15.57	39		10	150
			Fluorene-d10	40	24.23	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.46	26		10	130
			Anthracene-d10	40	27.02	68		10	150
			Pyrene-d10	40	30.58	76		10	130
			Benzo(a)pyrene-d12	40	26.99	67		10	140
P2549-24DL	BHBN2DL	BN031743.D	Pyridine-d5	40	18.07	45		20	120
			1,4-Dioxane-d8	8	4.14	52		15	120
			Phenol-d5	40	23.88	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.10	60		10	150
			2-Chlorophenol-d4	40	25.71	64		15	120
			4-Methylphenol-d8	40	21.20	53		10	140
			Nitrobenzene-d5	40	26.22	66		10	135
			2-Nitrophenol-d4	40	26.06	65		10	120
			2,4-Dichlorophenol-d3	40	24.46	61		10	140
			4-Chloroaniline-d4	40	14.07	35		1	145
			Dimethylphthalate-d6	40	26.20	66		10	145
			Acenaphthylene-d8	40	26.99	67		15	120
			4-Nitrophenol-d4	40	13.84	35		10	150
			Fluorene-d10	40	24.73	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.23	26		10	130
			Anthracene-d10	40	27.62	69		10	150
			Pyrene-d10	40	29.26	73		10	130
			Benzo(a)pyrene-d12	40	26.65	67		10	140
PB161108BL	PB161108BL	BN031736.D	Pyridine-d5	40	27.26	68		20	120
			1,4-Dioxane-d8	8	5.24	65		15	120
			Phenol-d5	40	26.77	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.16	68		10	150
			2-Chlorophenol-d4	40	28.34	71		15	120
			4-Methylphenol-d8	40	26.98	67		10	140
			Nitrobenzene-d5	40	28.03	70		10	135
			2-Nitrophenol-d4	40	29.22	73		10	120
			2,4-Dichlorophenol-d3	40	25.96	65		10	140
			4-Chloroaniline-d4	40	28.48	71		1	145
			Dimethylphthalate-d6	40	29.00	72		10	145



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

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161108BL	PB161108BL	BN031736.D	Acenaphthylene-d8	40	27.01	68		15	120
			4-Nitrophenol-d4	40	27.49	69		10	150
			Fluorene-d10	40	28.20	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.80	64		10	130
			Anthracene-d10	40	28.39	71		10	150
			Pyrene-d10	40	31.04	78		10	130
			Benzo(a)pyrene-d12	40	29.54	74		10	140

Surrogate Summary

SW-846

SDG No.: BN053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-07DL2	BH647DL2	BN031739.D	Pyridine-d5	40	4.54	11	*	20	120
			1,4-Dioxane-d8	8	4.10	51		15	120
			Phenol-d5	40	21.38	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.24	58		10	150
			2-Chlorophenol-d4	40	23.86	60		15	120
			4-Methylphenol-d8	40	11.64	29		10	140
			Nitrobenzene-d5	40	23.90	60		10	135
			2-Nitrophenol-d4	40	20.32	51		10	120
			2,4-Dichlorophenol-d3	40	21.78	54		10	140
			4-Chloroaniline-d4	40	11.94	30		1	145
			Dimethylphthalate-d6	40	26.40	66		10	145
			Acenaphthylene-d8	40	25.18	63		15	120
			4-Nitrophenol-d4	40	6.82	17		10	150
			Fluorene-d10	40	26.80	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.80	64		10	150
			Pyrene-d10	40	39.78	99		10	130
			Benzo(a)pyrene-d12	40	29.64	74		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN053124

Lab Code: CHEM

SAS No.: BN053124

SDG NO.: BN053124

Lab File ID: BN031734.D

DFTPP Injection Date: 05/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.7
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	12 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020268	SSTDCCC020	BN031735.D	05/31/2024	10:25
SBLK108	PB161108BL	BN031736.D	05/31/2024	11:04
BHBM9	P2549-21	BN031737.D	05/31/2024	11:43
BHBN1	P2549-23	BN031738.D	05/31/2024	12:22
BH647DL2	P2569-07DL2	BN031739.D	05/31/2024	13:02
BHBN2	P2549-24	BN031740.D	05/31/2024	13:41
BH618	P2549-01	BN031741.D	05/31/2024	14:20
BH619	P2549-02	BN031742.D	05/31/2024	14:59
BHBN2DL	P2549-24DL	BN031743.D	05/31/2024	15:39
BH620	P2549-03	BN031744.D	05/31/2024	16:18
BH623	P2549-06	BN031745.D	05/31/2024	16:57
BH624	P2549-07	BN031746.D	05/31/2024	17:37
BH625	P2549-08	BN031747.D	05/31/2024	18:16
BH629	P2549-13	BN031748.D	05/31/2024	18:55
BHBM7	P2549-19	BN031749.D	05/31/2024	19:35
BHBN0	P2549-22	BN031750.D	05/31/2024	20:14
SSTD020269	SSTDCCC020EC	BN031751.D	05/31/2024	20:53