

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG No.: BN060324

Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:10:40

Lab File ID: BN031753.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020270 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	0.449	0.010	-13.2084	40.0
Benzaldehyde	0.804	0.641	0.010	-20.2724	40.0
Pyridine	1.361	1.277	0.010	-6.1692	40.0
Phenol	1.745	1.724	0.080	-1.1861	20.0
Bis(2-Chloroethyl)ether	1.443	1.404	0.100	-2.7211	20.0
2-Chlorophenol	1.369	1.353	0.200	-1.1844	20.0
2-Methylphenol	1.348	1.352	0.010	0.3244	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.555	0.010	-6.357	40.0
Acetophenone	2.118	2.171	0.060	2.4844	20.0
4-Methylphenol	1.461	1.466	0.010	0.3806	20.0
N-Nitroso-di-n-propylamine	1.098	1.058	0.050	-3.6403	30.0
Hexachloroethane	0.580	0.527	0.100	-9.011	20.0
Nitrobenzene	0.364	0.344	0.050	-5.6286	25.0
Isophorone	0.747	0.666	0.050	-10.8582	25.0
2-Nitrophenol	0.173	0.172	0.050	-0.3553	25.0
2,4-Dimethylphenol	0.336	0.312	0.050	-7.172	25.0
Bis(2-Chloroethoxy)methane	0.466	0.424	0.050	-8.9984	20.0
2,4-Dichlorophenol	0.291	0.281	0.060	-3.329	20.0
Naphthalene	1.035	0.972	0.200	-6.093	20.0
4-Chloroaniline	0.425	0.407	0.010	-4.2387	40.0
Hexachlorobutadiene	0.175	0.163	0.040	-6.6226	30.0
Caprolactam	0.114	0.119	0.010	4.6092	40.0
4-Chloro-3-methylphenol	0.340	0.328	0.040	-3.6203	25.0
1-Methylnaphthalene	0.710	0.664	0.100	-6.4066	20.0
2-Methylnaphthalene	0.708	0.666	0.100	-5.9305	20.0
Hexachlorocyclopentadiene	0.305	0.398	0.010	30.6859	40.0
2,4,6-Trichlorophenol	0.359	0.351	0.090	-2.2427	25.0
2,4,5-Trichlorophenol	0.390	0.389	0.100	-0.306	25.0
1,1-Biphenyl	1.407	1.340	0.200	-4.7583	20.0
2-Chloronaphthalene	1.102	1.073	0.300	-2.645	20.0
2-Nitroaniline	0.319	0.304	0.050	-4.6993	40.0
Dimethylphthalate	1.425	1.318	0.300	-7.5344	20.0
2,6-Dinitrotoluene	0.283	0.278	0.080	-2.0232	30.0
Acenaphthylene	1.811	1.751	0.400	-3.2887	20.0
3-Nitroaniline	0.303	0.278	0.010	-8.3526	40.0
Acenaphthene	1.198	1.129	0.200	-5.7237	20.0
2,4-Dinitrophenol	0.143	0.145	0.010	1.7253	40.0
4-Nitrophenol	0.207	0.174	0.010	-16.0082	40.0
Dibenzofuran	1.628	1.527	0.300	-6.2145	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG No.: BN060324

Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:10:40

Lab File ID: BN031753.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020270 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	0.385	0.070	-7.2607	30.0
Diethylphthalate	1.470	1.323	0.300	-10.0313	20.0
Fluorene	1.311	1.223	0.200	-6.6787	20.0
4-Chlorophenyl-phenylether	0.635	0.597	0.100	-5.9169	20.0
4-Nitroaniline	0.288	0.249	0.010	-13.4692	40.0
4,6-Dinitro-2-methylphenol	0.107	0.100	0.010	-6.7571	40.0
N-Nitrosodiphenylamine	0.551	0.557	0.050	0.9689	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.520	0.100	-1.6916	20.0
4-Bromophenyl-phenylether	0.194	0.194	0.070	0.0027	20.0
Hexachlorobenzene	0.220	0.210	0.050	-4.5652	25.0
Atrazine	0.174	0.161	0.010	-7.2202	25.0
Pentachlorophenol	0.141	0.125	0.010	-10.8914	40.0
Phenanthrene	1.019	0.962	0.200	-5.5542	20.0
Pentachlorobenzene	0.251	0.255	0.050	1.7661	20.0
Anthracene	1.032	0.980	0.200	-5.105	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.274	0.050	6.4571	20.0
Carbazole	0.880	0.853	0.050	-3.1109	40.0
Di-n-butylphthalate	1.211	1.146	0.500	-5.3967	25.0
Fluoranthene	1.279	1.433	0.400	12.0684	25.0
Pyrene	1.312	1.448	0.400	10.3343	25.0
Butylbenzylphthalate	0.620	0.672	0.100	8.417	40.0
3,3-Dichlorobenzidine	0.384	0.357	0.010	-6.9238	40.0
Benzo (a) anthracene	1.339	1.293	0.300	-3.4191	30.0
Chrysene	1.250	1.197	0.200	-4.2729	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.974	0.200	7.7465	40.0
Di-n-octyl phthalate	1.339	1.420	0.010	6.0675	40.0
Benzo (b) fluoranthene	1.195	1.121	0.200	-6.2687	25.0
Benzo (k) fluoranthene	1.173	1.078	0.200	-8.0652	25.0
Benzo (a) pyrene	1.120	1.044	0.200	-6.712	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.243	0.200	-3.6521	25.0
Dibenzo (a,h) anthracene	1.053	1.047	0.200	-0.6045	30.0
Benzo (g,h,i) perylene	1.026	0.994	0.200	-3.047	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.306	0.040	-6.3087	20.0
1,4-Dioxane-d8	0.483	0.418	0.010	-13.5487	25.0
Pyridine-d5	1.361	1.289	0.010	-5.3166	40.0
Phenol-d5	1.715	1.706	0.010	-0.4867	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.958	0.050	-4.4268	25.0
2-Chlorophenol-d4	1.308	1.296	0.200	-0.9124	20.0
4-Methylphenol-d8	1.398	1.397	0.010	-0.0369	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG No.: BN060324

Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:10:40

Lab File ID: BN031753.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020270 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.147	0.050	-3.7077	20.0
2-Nitrophenol-d4	0.158	0.161	0.050	2.1467	30.0
2,4-Dichlorophenol-d3	0.295	0.287	0.060	-2.5186	20.0
4-Chloroaniline-d4	0.438	0.413	0.010	-5.6327	40.0
Dimethylphthalate-d6	1.393	1.258	0.300	-9.7032	20.0
Acenaphthylene-d8	1.602	1.512	0.400	-5.636	20.0
4-Nitrophenol-d4	0.279	0.243	0.010	-12.7737	40.0
Fluorene-d10	1.179	1.097	0.100	-6.9676	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.093	0.010	-7.762	40.0
Anthracene-d10	0.856	0.804	0.300	-6.118	20.0
Pyrene-d10	1.070	1.130	0.300	5.5427	25.0
Benzo(a)pyrene-d12	0.955	0.884	0.010	-7.4728	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG No.: BN060324

Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:19:55

Lab File ID: BN031766.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020271 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	0.437	0.010	-15.512	50.0
Benzaldehyde	0.804	0.625	0.010	-22.3173	50.0
Pyridine	1.361	1.232	0.010	-9.4481	50.0
Phenol	1.745	1.698	0.080	-2.6841	50.0
Bis(2-Chloroethyl)ether	1.443	1.361	0.100	-5.6783	50.0
2-Chlorophenol	1.369	1.339	0.200	-2.1947	50.0
2-Methylphenol	1.348	1.289	0.010	-4.3265	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.478	0.010	-10.9852	50.0
Acetophenone	2.118	2.024	0.060	-4.4241	50.0
4-Methylphenol	1.461	1.380	0.010	-5.5431	50.0
N-Nitroso-di-n-propylamine	1.098	0.981	0.050	-10.6153	50.0
Hexachloroethane	0.580	0.513	0.100	-11.5229	50.0
Nitrobenzene	0.364	0.348	0.050	-4.601	50.0
Isophorone	0.747	0.648	0.050	-13.2532	50.0
2-Nitrophenol	0.173	0.175	0.050	1.2905	50.0
2,4-Dimethylphenol	0.336	0.310	0.050	-7.6572	50.0
Bis(2-Chloroethoxy)methane	0.466	0.423	0.050	-9.1683	50.0
2,4-Dichlorophenol	0.291	0.285	0.060	-2.2856	50.0
Naphthalene	1.035	0.984	0.200	-4.9181	50.0
4-Chloroaniline	0.425	0.379	0.010	-10.9301	50.0
Hexachlorobutadiene	0.175	0.165	0.040	-5.8114	50.0
Caprolactam	0.114	0.104	0.010	-8.2264	50.0
4-Chloro-3-methylphenol	0.340	0.304	0.040	-10.6277	50.0
1-Methylnaphthalene	0.710	0.647	0.100	-8.891	50.0
2-Methylnaphthalene	0.708	0.656	0.100	-7.2827	50.0
Hexachlorocyclopentadiene	0.305	0.340	0.010	11.3808	50.0
2,4,6-Trichlorophenol	0.359	0.362	0.090	0.851	50.0
2,4,5-Trichlorophenol	0.390	0.371	0.100	-4.8699	50.0
1,1-Biphenyl	1.407	1.407	0.200	-0.0139	50.0
2-Chloronaphthalene	1.102	1.085	0.300	-1.5436	50.0
2-Nitroaniline	0.319	0.296	0.050	-7.2724	50.0
Dimethylphthalate	1.425	1.307	0.300	-8.2552	50.0
2,6-Dinitrotoluene	0.283	0.263	0.080	-7.1181	50.0
Acenaphthylene	1.811	1.733	0.400	-4.3023	50.0
3-Nitroaniline	0.303	0.278	0.010	-8.3108	50.0
Acenaphthene	1.198	1.124	0.200	-6.1658	50.0
2,4-Dinitrophenol	0.143	0.085	0.010	-40.3141	50.0
4-Nitrophenol	0.207	0.154	0.010	-25.5452	50.0
Dibenzofuran	1.628	1.490	0.300	-8.4749	50.0

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Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:19:55
Lab File ID: BN031766.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020271 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	0.347	0.070	-16.5899	50.0
Diethylphthalate	1.470	1.285	0.300	-12.6363	50.0
Fluorene	1.311	1.168	0.200	-10.867	50.0
4-Chlorophenyl-phenylether	0.635	0.582	0.100	-8.3053	50.0
4-Nitroaniline	0.288	0.263	0.010	-8.7768	50.0
4,6-Dinitro-2-methylphenol	0.107	0.080	0.010	-24.8135	50.0
N-Nitrosodiphenylamine	0.551	0.600	0.050	8.8976	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.558	0.100	5.4441	50.0
4-Bromophenyl-phenylether	0.194	0.207	0.070	6.8019	50.0
Hexachlorobenzene	0.220	0.218	0.050	-0.6684	50.0
Atrazine	0.174	0.168	0.010	-3.7021	50.0
Pentachlorophenol	0.141	0.126	0.010	-10.4088	50.0
Phenanthrene	1.019	0.981	0.200	-3.6791	50.0
Pentachlorobenzene	0.251	0.290	0.050	15.4741	50.0
Anthracene	1.032	1.004	0.200	-2.7898	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.328	0.050	27.5965	50.0
Carbazole	0.880	0.861	0.050	-2.2338	50.0
Di-n-butylphthalate	1.211	1.172	0.500	-3.2662	50.0
Fluoranthene	1.279	1.359	0.400	6.2414	50.0
Pyrene	1.312	1.313	0.400	0.0473	50.0
Butylbenzylphthalate	0.620	0.626	0.100	1.0297	50.0
3,3-Dichlorobenzidine	0.384	0.289	0.010	-24.7057	50.0
Benzo (a) anthracene	1.339	1.269	0.300	-5.1913	50.0
Chrysene	1.250	1.177	0.200	-5.8551	50.0
Bis(2-ethylhexyl)phthalate	0.904	0.904	0.200	0.0642	50.0
Di-n-octyl phthalate	1.339	1.279	0.010	-4.4893	50.0
Benzo (b) fluoranthene	1.195	1.088	0.200	-9.0151	50.0
Benzo (k) fluoranthene	1.173	1.106	0.200	-5.6929	50.0
Benzo (a) pyrene	1.120	1.036	0.200	-7.4916	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.289	0.200	-0.13	50.0
Dibenzo (a,h) anthracene	1.053	1.061	0.200	0.7127	50.0
Benzo (g,h,i) perylene	1.026	1.031	0.200	0.5623	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.280	0.040	-14.243	50.0
1,4-Dioxane-d8	0.483	0.408	0.010	-15.6191	50.0
Pyridine-d5	1.361	1.237	0.010	-9.1046	50.0
Phenol-d5	1.715	1.673	0.010	-2.4239	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.928	0.050	-7.4897	50.0
2-Chlorophenol-d4	1.308	1.280	0.200	-2.1266	50.0
4-Methylphenol-d8	1.398	1.323	0.010	-5.3419	50.0

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_N Calibration Date/Time: 6/3/2024 12:19:55

Lab File ID: BN031766.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020271 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.150	0.050	-1.6515	50.0
2-Nitrophenol-d4	0.158	0.162	0.050	2.4055	50.0
2,4-Dichlorophenol-d3	0.295	0.289	0.060	-1.9956	50.0
4-Chloroaniline-d4	0.438	0.385	0.010	-11.9757	50.0
Dimethylphthalate-d6	1.393	1.277	0.300	-8.3699	50.0
Acenaphthylene-d8	1.602	1.509	0.400	-5.8272	50.0
4-Nitrophenol-d4	0.279	0.213	0.010	-23.7932	50.0
Fluorene-d10	1.179	1.039	0.100	-11.9034	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.074	0.010	-26.8798	50.0
Anthracene-d10	0.856	0.822	0.300	-3.9646	50.0
Pyrene-d10	1.070	1.112	0.300	3.9024	50.0
Benzo(a)pyrene-d12	0.955	0.898	0.010	-5.9687	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031754.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031754.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031754.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	4.937		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	29.412		20-120		74	SPK: -40
4165-62-2	Phenol-d5	29.64		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.897		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.411		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.958		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.476		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.505		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.408		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.397		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.661		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.865		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.481		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	29.859		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031754.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.824		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	31.422		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	37.373		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.144		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	463752	7.681				
1146-65-2	Naphthalene-d8	2178037	10.463				
15067-26-2	Acenaphthene-d10	1495355	14.322				
1517-22-2	Phenanthrene-d10	2966440	17.069				
1719-03-5	Chrysene-d12	1949193	21.304				
1520-96-3	Perylene-d12	1968531	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:	BH6E7	SDG No.:	BN060324
Lab Sample ID:	P2590-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031755.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E7	SDG No.:	BN060324
Lab Sample ID:	P2590-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031755.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.9	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	170	J	66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.9	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	52.9	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.9	210	ug/Kg
206-44-0	Fluoranthene	450		56	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:	BH6E7	SDG No.:	BN060324
Lab Sample ID:	P2590-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031755.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	390		57	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	210		49	52.9	210	ug/Kg
218-01-9	Chrysene	240		57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	J	72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	210		71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.598		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.544		20-120		29	SPK: -40
4165-62-2	Phenol-d5	16.952		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.303		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.909		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.768		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	19.183		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.612		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.646		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.091		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.855		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.747		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.277		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	20.008		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:	BH6E7	SDG No.:	BN060324
Lab Sample ID:	P2590-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031755.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.921		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.012		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	25.115		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.301		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	561212	7.681				
1146-65-2	Naphthalene-d8	2484399	10.463				
15067-26-2	Acenaphthene-d10	1502186	14.322				
1517-22-2	Phenanthrene-d10	2652679	17.069				
1719-03-5	Chrysene-d12	1821239	21.304				
1520-96-3	Perylene-d12	2083914	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.452	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	97	J			7.281	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	97	J			10.246	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.204	
000057-10-3	n-Hexadecanoic acid	190	J			17.975	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	110	J			20.992	
000112-84-5	13-Docosenamide, (Z)-	220	J			22.674	
E966796	Total Alkanes	57	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:	BHBK8	SDG No.:	BN060324
Lab Sample ID:	P2590-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BN031756.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	56	U	56	96.6	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.8	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.6	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.6	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.8	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.8	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.8	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.8	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.8	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.8	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:	BHBK8	SDG No.:	BN060324
Lab Sample ID:	P2590-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BN031756.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.8	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.6	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.6	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.8	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.8	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.8	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.6	390	ug/Kg
85-01-8	Phenanthrene	250		62	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.8	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.8	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.8	200	ug/Kg
206-44-0	Fluoranthene	660		53	96.6	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:	BHBK8	SDG No.:	BN060324
Lab Sample ID:	P2590-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BN031756.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580		54	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	250		46	49.8	200	ug/Kg
218-01-9	Chrysene	280		54	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		56	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	68	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	260		67	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	53	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		54	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.659		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	14.348		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.683		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.176		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.028		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	16.896		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	14.947		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.088		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.525		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.438		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.715		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.509		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.27		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.672		20-140		54	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:	BHBK8	SDG No.:	BN060324
Lab Sample ID:	P2590-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BN031756.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.192		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	22.662		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	30.378		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.549		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	494303	7.681				
1146-65-2	Naphthalene-d8	2253775	10.463				
15067-26-2	Acenaphthene-d10	1391813	14.322				
1517-22-2	Phenanthrene-d10	2616528	17.069				
1719-03-5	Chrysene-d12	1617533	21.304				
1520-96-3	Perylene-d12	1683899	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			17.975	
	unknown-01	82	J			18.134	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	150	J			20.992	
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:	BHBK9	SDG No.:	BN060324
Lab Sample ID:	P2590-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031757.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.4	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.4	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.4	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.4	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	94.4	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	94.4	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:	BHBK9	SDG No.:	BN060324
Lab Sample ID:	P2590-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031757.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	94.4	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.4	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	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.4	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	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.4	380	ug/Kg
85-01-8	Phenanthrene	400		61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	69	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	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	720		51	94.4	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:	BHBK9	SDG No.:	BN060324
Lab Sample ID:	P2590-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031757.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610		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	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	270		45	48.6	190	ug/Kg
218-01-9	Chrysene	320		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	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	260		65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.899		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	5.497	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	13.426		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.828		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.34		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	12.087		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	15.277		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.247		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.81		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.464		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.752		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.112		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.341		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	15.841		20-140		40	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:	BHBK9	SDG No.:	BN060324
Lab Sample ID:	P2590-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031757.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.824		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	15.819		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	19.055		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.225		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	548426	7.681				
1146-65-2	Naphthalene-d8	2398318	10.463				
15067-26-2	Acenaphthene-d10	1427573	14.322				
1517-22-2	Phenanthrene-d10	2440759	17.069				
1719-03-5	Chrysene-d12	1654438	21.304				
1520-96-3	Perylene-d12	1954793	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	170	J			17.986	
	unknown-01	100	J			18.133	
	(DEL) Alkane: Cyclic20.998	120	J			20.998	
000192-97-2	Benzo[e]pyrene	130	J			23.974	
E966796	Total Alkanes	120				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:	BHBL0	SDG No.:	BN060324
Lab Sample ID:	P2590-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031758.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBL0	SDG No.:	BN060324
Lab Sample ID:	P2590-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031758.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.2	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.7	370	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.7	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.7	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.2	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.2	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.7	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.7	370	ug/Kg
85-01-8	Phenanthrene	260		60	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.2	190	ug/Kg
120-12-7	Anthracene	53	U	53	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.2	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.2	190	ug/Kg
206-44-0	Fluoranthene	670		51	93.7	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:	BHBL0	SDG No.:	BN060324
Lab Sample ID:	P2590-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031758.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560		52	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	240		44	48.2	190	ug/Kg
218-01-9	Chrysene	280		52	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		54	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	66	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	250		65	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	51	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		52	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.217		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	15.244		20-120		38	SPK: -40
4165-62-2	Phenol-d5	20.84		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.561		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.745		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.052		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.356		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.943		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.246		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.996		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.334		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.726		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.123		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	23.433		20-140		59	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:	BHBL0	SDG No.:	BN060324
Lab Sample ID:	P2590-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031758.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.601		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	23.762		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	30.918		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.284		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	519287	7.681				
1146-65-2	Naphthalene-d8	2333692	10.463				
15067-26-2	Acenaphthene-d10	1426255	14.322				
1517-22-2	Phenanthrene-d10	2618621	17.069				
1719-03-5	Chrysene-d12	1571927	21.31				
1520-96-3	Perylene-d12	1696246	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			17.975	
	unknown-01	89	J			18.133	
	(DEL) Alkane: Cyclic	160	J			20.998	
E966796	Total Alkanes	160				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:	BHBL1	SDG No.:	BN060324
Lab Sample ID:	P2590-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031759.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	95.3	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.3	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.3	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.1	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49.1	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.1	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.1	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.1	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:	BHBL1	SDG No.:	BN060324
Lab Sample ID:	P2590-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031759.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.1	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.3	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.3	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.1	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49.1	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.3	380	ug/Kg
85-01-8	Phenanthrene	450		61	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.1	200	ug/Kg
120-12-7	Anthracene	76	J	54	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.1	200	ug/Kg
86-74-8	Carbazole	70	U	70	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.1	200	ug/Kg
206-44-0	Fluoranthene	1100		52	95.3	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:	BHBL1	SDG No.:	BN060324
Lab Sample ID:	P2590-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031759.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	950		53	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	420		45	49.1	200	ug/Kg
218-01-9	Chrysene	470		53	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		55	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	67	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	400		66	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		52	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	J	60	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		53	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.126		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	7.565	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	19.509		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.672		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.21		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.439		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.947		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.022		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.571		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.757		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.132		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.599		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.604		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	22.463		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:	BHBL1	SDG No.:	BN060324
Lab Sample ID:	P2590-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031759.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.323		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	22.532		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	29.232		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.58		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	547507	7.681				
1146-65-2	Naphthalene-d8	2426050	10.463				
15067-26-2	Acenaphthene-d10	1469638	14.322				
1517-22-2	Phenanthrene-d10	2651430	17.069				
1719-03-5	Chrysene-d12	1584253	21.304				
1520-96-3	Perylene-d12	1793952	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-75-4	1-Tetradecanamine, N,N-dimethyl-	140	J			16.093	
1000342-26-1	N-Dodecylmethylamine	110	J			16.128	
000613-12-7	Anthracene, 2-methyl-	100	J			17.945	
002531-84-2	Phenanthrene, 2-methyl-	220	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.139	
003674-66-6	Phenanthrene, 2,5-dimethyl-	85	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	77	J			19.01	
002381-21-7	Pyrene, 1-methyl-	86	J			19.822	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	130	J			20.992	
000112-84-5	13-Docosenamide, (Z)-	140	J			22.674	
000192-97-2	Benzo[e]pyrene	220	J			23.974	
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:	BHBL2	SDG No.:	BN060324
Lab Sample ID:	P2590-06	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
BN031760.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.7	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	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	97.7	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:	BHBL2	SDG No.:	BN060324
Lab Sample ID:	P2590-06	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
BN031760.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	97.7	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.7	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	820		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	150	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	88	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	1600		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:	BHBL2	SDG No.:	BN060324
Lab Sample ID:	P2590-06	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
BN031760.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	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	660		46	50.4	200	ug/Kg
218-01-9	Chrysene	700		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	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	770		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	630		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		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	3.124		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	8.263		20-120		21	SPK: -40
4165-62-2	Phenol-d5	19.653		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.174		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.096		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	17.492		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	23.032		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.307		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.805		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.746		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.866		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.793		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.2		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	23.026		20-140		58	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:	BHBL2	SDG No.:	BN060324
Lab Sample ID:	P2590-06	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
BN031760.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.418		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	24.943		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.203		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.664		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	588360	7.681				
1146-65-2	Naphthalene-d8	2579567	10.463				
15067-26-2	Acenaphthene-d10	1491787	14.322				
1517-22-2	Phenanthrene-d10	2464683	17.068				
1719-03-5	Chrysene-d12	1703343	21.309				
1520-96-3	Perylene-d12	2031545	24.25				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	160	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	400	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			18.139	
000613-12-7	Anthracene, 2-methyl-	100	J			18.174	
000612-94-2	Naphthalene, 2-phenyl-	93	J			18.451	
000084-65-1	9,10-Anthracenedione	100	J			18.492	
000781-43-1	9,10-Dimethylanthracene	140	J			18.868	
001576-69-8	Phenanthrene, 2,7-dimethyl-	82	J			18.921	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.009	
002381-21-7	Pyrene, 1-methyl-	99	J			19.821	
000243-17-4	11H-Benzo[b]fluorene	93	J			19.992	
003353-12-6	Pyrene, 4-methyl-	91	J			20.151	
	unknown-01	150	J			20.998	
000112-84-5	13-Docosenamide, (Z)-	150	J			22.68	
000198-55-0	Perylene	360	J			23.98	
E966796	Total Alkanes	55	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:	BHBL4	SDG No.:	BN060324
Lab Sample ID:	P2590-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BN031761.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.4	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92.9	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.9	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	92.9	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.9	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	47.9	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.9	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.9	190	ug/Kg
78-59-1	Isophorone	41	U	41	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.9	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.9	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.9	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:	BHBL4	SDG No.:	BN060324
Lab Sample ID:	P2590-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BN031761.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.9	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.9	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.9	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.9	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.9	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.9	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.9	370	ug/Kg
85-01-8	Phenanthrene	390		60	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.9	190	ug/Kg
120-12-7	Anthracene	78	J	53	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.9	190	ug/Kg
86-74-8	Carbazole	69	U	69	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.9	190	ug/Kg
206-44-0	Fluoranthene	750		51	92.9	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:	BHBL4	SDG No.:	BN060324
Lab Sample ID:	P2590-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BN031761.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660		52	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	280		44	47.9	190	ug/Kg
218-01-9	Chrysene	310		52	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		54	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	65	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	260		64	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	51	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	52	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.935		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	7.75	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	19.596		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.299		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.598		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	17.993		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	21.527		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.696		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.367		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.147		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.28		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.704		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.58		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	22.347		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:	BHBL4	SDG No.:	BN060324
Lab Sample ID:	P2590-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BN031761.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.08		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	22.473		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	30.084		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.324		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	565271	7.681				
1146-65-2	Naphthalene-d8	2505265	10.463				
15067-26-2	Acenaphthene-d10	1539738	14.322				
1517-22-2	Phenanthrene-d10	2803147	17.069				
1719-03-5	Chrysene-d12	1676677	21.304				
1520-96-3	Perylene-d12	1838743	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain8.899	150	J			8.899	
000057-10-3	n-Hexadecanoic acid	79	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.139	
	(DEL) Alkane: Cyclic20.992	140	J			20.992	
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.:	BN060324
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
BN031762.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	180	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.:	BN060324
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
BN031762.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	65	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	380		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	82	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	1200		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.:	BN060324
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
BN031762.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		55	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	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	500		46	50.4	200	ug/Kg
218-01-9	Chrysene	610		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		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	770		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	580		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440		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	3.963		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	16.835		20-120		42	SPK: -40
4165-62-2	Phenol-d5	23.9		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.419		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.29		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.162		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.27		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.076		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.4		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.538		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.139		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.259		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.459		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	24.01		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:	BH624	SDG No.:	BN060324
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
BN031762.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.14		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	25.233		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	30.907		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.517		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	603317	7.681				
1146-65-2	Naphthalene-d8	2661634	10.463				
15067-26-2	Acenaphthene-d10	1589065	14.322				
1517-22-2	Phenanthrene-d10	2823894	17.069				
1719-03-5	Chrysene-d12	1656316	21.304				
1520-96-3	Perylene-d12	1824594	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	93	J			3.452	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.204	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	110	J			17.363	
002531-84-2	Phenanthrene, 2-methyl-	93	J			17.945	
000057-10-3	n-Hexadecanoic acid	340	J			17.975	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	160	J			18.134	
003674-66-6	Phenanthrene, 2,5-dimethyl-	98	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	84	J			19.01	
002381-21-7	Pyrene, 1-methyl-	88	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	80	J			19.992	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			20.992	
000198-55-0	Perylene	370	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:	BH625	SDG No.:	BN060324
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
BN031763.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	180	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.:	BN060324
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
BN031763.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	U	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	320		63	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.6	200	ug/Kg
120-12-7	Anthracene	62	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	1000		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.:	BN060324
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
BN031763.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		55	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	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	400		46	50.6	200	ug/Kg
218-01-9	Chrysene	470		55	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	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	610		57	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	69	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	430		68	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		54	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	J	62	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		55	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.032		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	16.383		20-120		41	SPK: -40
4165-62-2	Phenol-d5	23.551		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.318		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.379		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.863		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.267		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.739		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.384		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.995		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.743		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.201		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.163		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.449		20-140		59	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.:	BN060324
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
BN031763.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.31		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	24.586		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	32.099		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.563		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	527982	7.681				
1146-65-2	Naphthalene-d8	2315447	10.463				
15067-26-2	Acenaphthene-d10	1399395	14.322				
1517-22-2	Phenanthrene-d10	2529609	17.069				
1719-03-5	Chrysene-d12	1474233	21.304				
1520-96-3	Perylene-d12	1632167	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	390	J			13.222	
000057-10-3	n-Hexadecanoic acid	280	J			17.975	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.134	
	(DEL) Alkane: Cyclic20.992	160	J			20.992	
000192-97-2	Benzo[e]pyrene	230	J			23.974	
E966796	Total Alkanes	160				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.:	BN060324
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
BN031764.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	340	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	44	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.:	BN060324
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
BN031764.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	59	J	55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.7	390	ug/Kg
83-32-9	Acenaphthene	68	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	950		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	190	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	100	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.:	BN060324
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
BN031764.D	1	5/24/2024 12:00:00 AM	6/3/2024 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	830		46	50.4	200	ug/Kg
218-01-9	Chrysene	940		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	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	1100		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	450		69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	850		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	540		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	670		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	2.849		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	11.181		20-120		28	SPK: -40
4165-62-2	Phenol-d5	18.741		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.162		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.758		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.112		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.573		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.807		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.177		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.163		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.559		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.065		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.545		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.83		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.:	BN060324
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
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
BN031764.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.786		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	20.736		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	26.839		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.252		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	530704	7.681				
1146-65-2	Naphthalene-d8	2347520	10.463				
15067-26-2	Acenaphthene-d10	1387894	14.322				
1517-22-2	Phenanthrene-d10	2475171	17.069				
1719-03-5	Chrysene-d12	1414062	21.304				
1520-96-3	Perylene-d12	1594013	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.699	
000770-35-4	1-Phenoxypropan-2-ol	87	J			11.21	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.945	
000613-12-7	Anthracene, 2-methyl-	340	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			18.139	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.175	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	97	J			18.451	
000084-65-1	9,10-Anthracenedione	130	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.869	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	83	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.01	
002381-21-7	Pyrene, 1-methyl-	110	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	92	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	100	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	81	J			20.739	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	130	J			20.998	
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.:	BN060324
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
BN031764.D	1	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	85	J			21.492	
000192-97-2	Benzo[e]pyrene	450	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:	BH629DL	SDG No.:	BN060324
Lab Sample ID:	P2549-13DL	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
BN031765.D	2	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.7	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	830	ug/Kg
110-86-1	Pyridine	30	U	30	420	830	ug/Kg
108-95-2	Phenol	110	U	110	210	830	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	88	U	88	210	830	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	110	430	ug/Kg
95-48-7	2-Methylphenol	98	U	98	210	830	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	210	830	ug/Kg
98-86-2	Acetophenone	150	U	150	210	830	ug/Kg
106-44-5	4-Methylphenol	100	U	100	210	830	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	110	430	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	430	ug/Kg
98-95-3	Nitrobenzene	68	U	68	110	430	ug/Kg
78-59-1	Isophorone	91	U	91	110	430	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	86	U	86	110	430	ug/Kg
91-20-3	Naphthalene	110	JD	83	110	430	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	830	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	110	430	ug/Kg
105-60-2	Caprolactam	100	U	100	210	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91	U	91	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	93	U	93	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	48	U	48	210	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	430	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:	BH629DL	SDG No.:	BN060324
Lab Sample ID:	P2549-13DL	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
BN031765.D	2	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	430	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	110	430	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	110	430	ug/Kg
208-96-8	Acenaphthylene	140	JD	120	110	430	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	210	830	ug/Kg
83-32-9	Acenaphthene	400	JD	130	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	81	U	81	210	830	ug/Kg
100-02-7	4-Nitrophenol	28	U	28	210	830	ug/Kg
132-64-9	Dibenzofuran	250	JD	100	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	110	430	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	430	ug/Kg
86-73-7	Fluorene	370	JD	150	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	430	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	110	430	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	110	430	ug/Kg
1912-24-9	Atrazine	28	U	28	210	830	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	210	830	ug/Kg
85-01-8	Phenanthrene	5100	D	130	110	430	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	110	430	ug/Kg
120-12-7	Anthracene	1100	D	120	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	430	ug/Kg
86-74-8	Carbazole	560	JD	150	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	430	ug/Kg
206-44-0	Fluoranthene	9600	ED	110	210	430	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:	BH629DL	SDG No.:	BN060324
Lab Sample ID:	P2549-13DL	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
BN031765.D	2	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7800	ED	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	290	JD	110	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	3400	D	98	110	430	ug/Kg
218-01-9	Chrysene	3600	D	120	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610	D	110	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	D	120	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500	D	150	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	3000	D	140	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	D	110	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	D	130	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	120	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	9.046		15-120		113	SPK: -8
7291-22-7	Pyridine-d5	35.584		20-120		89	SPK: -40
4165-62-2	Phenol-d5	54.682	*	10-130		137	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	51.45		10-150		129	SPK: -40
93951-73-6	2-Chlorophenol-d4	56.232	*	15-120		141	SPK: -40
190780-66-6	4-Methylphenol-d8	51.57		10-140		129	SPK: -40
4165-60-0	Nitrobenzene-d5	54.322	*	10-135		136	SPK: -40
93951-78-1	2-Nitrophenol-d4	54.872	*	10-120		137	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	53.4		10-140		134	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.714		1-145		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	55.61		10-145		139	SPK: -40
93951-97-4	Acenaphthylene-d8	56.2	*	15-120		140	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.842		10-150		97	SPK: -40
81103-79-9	Fluorene-d10	55.286		20-140		138	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:	BH629DL	SDG No.:	BN060324
Lab Sample ID:	P2549-13DL	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
BN031765.D	2	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.996		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	57.226		10-150		143	SPK: -40
1718-52-1	Pyrene-d10	77.3	*	10-130		193	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	56.874	*	10-140		142	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270326	7.681				
1146-65-2	Naphthalene-d8	1213587	10.463				
15067-26-2	Acenaphthene-d10	731805	14.322				
1517-22-2	Phenanthrene-d10	1312041	17.075				
1719-03-5	Chrysene-d12	718366	21.31				
1520-96-3	Perylene-d12	824153	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	300	JD			3.699	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	180	JD			15.816	
000486-25-9	9H-Fluoren-9-one	270	JD			16.727	
000132-65-0	Dibenzothiophene	290	JD			16.886	
000613-12-7	Anthracene, 2-methyl-	640	JD			17.945	
002531-84-2	Phenanthrene, 2-methyl-	1000	JD			17.992	
000610-48-0	Anthracene, 1-methyl-	250	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	JD			18.139	
000779-02-2	Anthracene, 9-methyl-	370	JD			18.174	
000612-94-2	Naphthalene, 2-phenyl-	430	JD			18.451	
000084-65-1	9,10-Anthracenedione	410	JD			18.492	
052251-71-5	Anthracene, 2-ethyl-	180	JD			18.698	
003674-66-6	Phenanthrene, 2,5-dimethyl-	430	JD			18.869	
006232-48-0	Acephenanthrylene, 4,5-dihydro-	170	JD			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	410	JD			19.01	
002381-21-7	Pyrene, 1-methyl-	280	JD			19.822	
000243-17-4	11H-Benzo[b]fluorene	230	JD			19.992	

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:	BH629DL	SDG No.:	BN060324
Lab Sample ID:	P2549-13DL	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
BN031765.D	2	5/24/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	170	JD			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	230	JD			20.745	
006519-18-2	.beta.-Carboline, 7-methoxy-1,2-di	290	JD			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	240	JD			21.057	
000198-55-0	Perylene	2000	JD			23.974	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031767.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031767.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031767.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

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	5.12		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	28.652		20-120		72	SPK: -40
4165-62-2	Phenol-d5	30.215		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.538		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.823		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.154		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	31.059		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.129		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.107		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.445		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.396		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.624		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.788		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	29.343		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BN060324
Lab Sample ID:	PB161141BL	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
BN031767.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.083		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	30.197		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	37.673		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.008		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	610874	7.681				
1146-65-2	Naphthalene-d8	2732462	10.463				
15067-26-2	Acenaphthene-d10	1651159	14.322				
1517-22-2	Phenanthrene-d10	3026259	17.069				
1719-03-5	Chrysene-d12	1784899	21.298				
1520-96-3	Perylene-d12	1980496	24.239				
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:	BHBL3	SDG No.:	BN060324
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BN031768.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.1	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.1	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.1	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	51	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	51	200	ug/Kg
78-59-1	Isophorone	43	U	43	51	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51	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:	BHBL3	SDG No.:	BN060324
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BN031768.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51	200	ug/Kg
208-96-8	Acenaphthylene	64	J	55	51	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.1	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.1	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51	200	ug/Kg
86-73-7	Fluorene	70	U	70	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.1	400	ug/Kg
85-01-8	Phenanthrene	330		64	51	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51	200	ug/Kg
120-12-7	Anthracene	91	J	56	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51	200	ug/Kg
86-74-8	Carbazole	73	U	73	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	51	200	ug/Kg
206-44-0	Fluoranthene	770		54	99.1	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:	BHBL3	SDG No.:	BN060324
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BN031768.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		55	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	350		47	51	200	ug/Kg
218-01-9	Chrysene	380		55	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		58	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	70	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	350		68	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		54	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	62	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		55	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.755		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	4.632	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	23.754		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.298		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.747		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.823		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	26.45		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.11		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.329		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.542		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.105		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.756		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.65		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	24.626		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:	BHBL3	SDG No.:	BN060324
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BN031768.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.396		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	25.921		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	29.77		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.759		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	615313	7.681				
1146-65-2	Naphthalene-d8	2625237	10.463				
15067-26-2	Acenaphthene-d10	1458737	14.322				
1517-22-2	Phenanthrene-d10	2386163	17.069				
1719-03-5	Chrysene-d12	1692177	21.304				
1520-96-3	Perylene-d12	2038000	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	260	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.139	
	(DEL) Alkane: Cyclic20.992	170	J			20.992	
000198-55-0	Perylene	190	J			23.968	
E966796	Total Alkanes	170				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:	BHBL5	SDG No.:	BN060324
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031769.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.9	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.9	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.9	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.5	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.5	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.5	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.5	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:	BHBL5	SDG No.:	BN060324
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031769.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.5	210	ug/Kg
208-96-8	Acenaphthylene	76	J	56	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.9	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.9	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.5	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.5	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.9	400	ug/Kg
85-01-8	Phenanthrene	540		64	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.5	210	ug/Kg
120-12-7	Anthracene	100	J	57	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.5	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.5	210	ug/Kg
206-44-0	Fluoranthene	1200		54	99.9	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:	BHBL5	SDG No.:	BN060324
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031769.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		56	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	460		47	51.5	210	ug/Kg
218-01-9	Chrysene	520		56	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		58	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	70	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	460		69	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		54	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93	J	63	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		56	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.714		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.642		20-120		47	SPK: -40
4165-62-2	Phenol-d5	22.966		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.799		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.884		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.767		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	26.31		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.392		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.121		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.76		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.171		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.983		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.641		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	26.525		20-140		66	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:	BHBL5	SDG No.:	BN060324
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031769.D	1	5/26/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.997		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	27.331		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	35.163		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.204		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	537692	7.681				
1146-65-2	Naphthalene-d8	2368512	10.463				
15067-26-2	Acenaphthene-d10	1401720	14.322				
1517-22-2	Phenanthrene-d10	2474472	17.068				
1719-03-5	Chrysene-d12	1458058	21.304				
1520-96-3	Perylene-d12	1619567	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000613-12-7	Anthracene, 2-methyl-	110	J			17.945	
000057-10-3	n-Hexadecanoic acid	370	J			17.974	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			18.133	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			18.868	
002381-21-7	Pyrene, 1-methyl-	92	J			19.821	
	(DEL) Alkane: Cyclic20.992	210	J			20.992	
000192-97-2	Benzo[e]pyrene	180	J			23.968	
E966796	Total Alkanes	210				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH624								
P2549-07	BH624	Solid	1,2-Benzenedicarboxylic acid, bis *	110.000	J			
P2549-07	BH624	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P2549-07	BH624	Solid	1H-Benzo[b]fluorene *	80.000	J			
P2549-07	BH624	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	160.000	J			
P2549-07	BH624	Solid	Cyclopenta(def)phenanthrenone *	84.000	J			
P2549-07	BH624	Solid	n-Hexadecanoic acid *	340.000	J			
P2549-07	BH624	Solid	Pentadecafluorooctanoic acid, oct: *	180.000	J			
P2549-07	BH624	Solid	Perylene *	370.000	J			
P2549-07	BH624	Solid	Phenanthrene, 2,5-dimethyl- *	98.000	J			
P2549-07	BH624	Solid	Phenanthrene, 2-methyl- *	93.000	J			
P2549-07	BH624	Solid	Propylene Glycol *	93.000	J			
P2549-07	BH624	Solid	Pyrene, 1-methyl- *	88.000	J			
P2549-07	BH624	Solid	Total Alkanes *	0.000		55	200	ug/Kg
Total Tics :				1,846.00				
P2549-07	BH624	Solid	Acenaphthylene	65.000	J	55	200	ug/Kg
P2549-07	BH624	Solid	Anthracene	82.000	J	56	200	ug/Kg
P2549-07	BH624	Solid	Benzaldehyde	180.000	J	57	390	ug/Kg
P2549-07	BH624	Solid	Benzo(a)anthracene	500.000		46	200	ug/Kg
P2549-07	BH624	Solid	Benzo(a)pyrene	580.000		68	200	ug/Kg
P2549-07	BH624	Solid	Benzo(b)fluoranthene	770.000		57	200	ug/Kg
P2549-07	BH624	Solid	Benzo(g,h,i)perylene	440.000		55	200	ug/Kg
P2549-07	BH624	Solid	Benzo(k)fluoranthene	290.000		69	200	ug/Kg
P2549-07	BH624	Solid	Bis(2-ethylhexyl)phthalate	320.000		51	200	ug/Kg
P2549-07	BH624	Solid	Butylbenzylphthalate	100.000	J	51	200	ug/Kg
P2549-07	BH624	Solid	Chrysene	610.000		55	200	ug/Kg
P2549-07	BH624	Solid	Dibenzo(a,h)anthracene	120.000	J	62	200	ug/Kg
P2549-07	BH624	Solid	Fluoranthene	1,200.000		53	200	ug/Kg
P2549-07	BH624	Solid	Indeno(1,2,3-cd)pyrene	390.000		53	200	ug/Kg
P2549-07	BH624	Solid	Phenanthrene	380.000		63	200	ug/Kg
P2549-07	BH624	Solid	Pyrene	1,100.000		55	200	ug/Kg
Total Svoc :				7,127.00				
Total Concentration:				8,973.00				
Client ID : BH625								
P2549-08	BH625	Solid	(DEL) Alkane: Cyclic20.992 *	160.000	J			
P2549-08	BH625	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	390.000	J			
P2549-08	BH625	Solid	Benzo[e]pyrene *	230.000	J			
P2549-08	BH625	Solid	n-Hexadecanoic acid *	280.000	J			

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-08	BH625	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P2549-08	BH625	Solid	Total Alkanes	*	160.000	55	200	ug/Kg
Total Tics :					1,350.00			
P2549-08	BH625	Solid	Anthracene		62.000	J 56	200	ug/Kg
P2549-08	BH625	Solid	Benzaldehyde		180.000	J 57	390	ug/Kg
P2549-08	BH625	Solid	Benzo(a)anthracene		400.000	46	200	ug/Kg
P2549-08	BH625	Solid	Benzo(a)pyrene		430.000	68	200	ug/Kg
P2549-08	BH625	Solid	Benzo(b)fluoranthene		610.000	57	200	ug/Kg
P2549-08	BH625	Solid	Benzo(g,h,i)perylene		310.000	55	200	ug/Kg
P2549-08	BH625	Solid	Benzo(k)fluoranthene		170.000	J 69	200	ug/Kg
P2549-08	BH625	Solid	Bis(2-ethylhexyl)phthalate		170.000	J 51	200	ug/Kg
P2549-08	BH625	Solid	Butylbenzylphthalate		52.000	J 51	200	ug/Kg
P2549-08	BH625	Solid	Chrysene		470.000	55	200	ug/Kg
P2549-08	BH625	Solid	Dibenzo(a,h)anthracene		90.000	J 62	200	ug/Kg
P2549-08	BH625	Solid	Fluoranthene		1,000.000	54	200	ug/Kg
P2549-08	BH625	Solid	Indeno(1,2,3-cd)pyrene		280.000	54	200	ug/Kg
P2549-08	BH625	Solid	Phenanthrene		320.000	63	200	ug/Kg
P2549-08	BH625	Solid	Pyrene		890.000	55	200	ug/Kg
Total Svoc :					5,434.00			
Total Concentration:					6,784.00			

Client ID : BH629DL

P2549-13DL	BH629DL	Solid	.beta.-Carboline, 7-methoxy-1,2-d	*	290.000	JD		
P2549-13DL	BH629DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	180.000	JD		
P2549-13DL	BH629DL	Solid	11H-Benzo[a]fluoren-11-one	*	230.000	JD		
P2549-13DL	BH629DL	Solid	11H-Benzo[b]fluorene	*	230.000	JD		
P2549-13DL	BH629DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	JD		
P2549-13DL	BH629DL	Solid	7H-Benz[de]anthracen-7-one	*	240.000	JD		
P2549-13DL	BH629DL	Solid	9,10-Anthracenedione	*	410.000	JD		
P2549-13DL	BH629DL	Solid	9H-Fluoren-9-one	*	270.000	JD		
P2549-13DL	BH629DL	Solid	Acephenanthrylene, 4,5-dihydro-	*	170.000	JD		
P2549-13DL	BH629DL	Solid	Anthracene, 1-methyl-	*	250.000	JD		
P2549-13DL	BH629DL	Solid	Anthracene, 2-ethyl-	*	180.000	JD		
P2549-13DL	BH629DL	Solid	Anthracene, 2-methyl-	*	640.000	JD		
P2549-13DL	BH629DL	Solid	Anthracene, 9-methyl-	*	370.000	JD		
P2549-13DL	BH629DL	Solid	Cyclopenta(def)phenanthrenone	*	410.000	JD		
P2549-13DL	BH629DL	Solid	Dibenzothiophene	*	290.000	JD		
P2549-13DL	BH629DL	Solid	Fluoranthene, 2-methyl-	*	170.000	JD		
P2549-13DL	BH629DL	Solid	Naphthalene, 2-phenyl-	*	430.000	JD		
P2549-13DL	BH629DL	Solid	Perylene	*	2,000.000	JD		
P2549-13DL	BH629DL	Solid	Phenanthrene, 2,5-dimethyl-	*	430.000	JD		

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-13DL	BH629DL	Solid	Phenanthrene, 2-methyl-	*	1,000.000	JD		
P2549-13DL	BH629DL	Solid	Pyrene, 1-methyl-	*	280.000	JD		
P2549-13DL	BH629DL	Solid	unknown-01	*	300.000	JD		
P2549-13DL	BH629DL	Solid	Total Alkanes	*	0.000	D 120	430	ug/Kg
Total Tics :				9,870.00				
P2549-13DL	BH629DL	Solid	Acenaphthene		400.000	JD 130	430	ug/Kg
P2549-13DL	BH629DL	Solid	Acenaphthylene		140.000	JD 120	430	ug/Kg
P2549-13DL	BH629DL	Solid	Anthracene		1,100.000	D 120	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(a)anthracene		3,400.000	D 98	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(a)pyrene		3,000.000	D 140	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(b)fluoranthene		3,900.000	D 120	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(g,h,i)perylene		2,100.000	D 120	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(k)fluoranthene		1,500.000	D 150	430	ug/Kg
P2549-13DL	BH629DL	Solid	Bis(2-ethylhexyl)phthalate		610.000	D 110	430	ug/Kg
P2549-13DL	BH629DL	Solid	Butylbenzylphthalate		290.000	JD 110	430	ug/Kg
P2549-13DL	BH629DL	Solid	Carbazole		560.000	JD 150	830	ug/Kg
P2549-13DL	BH629DL	Solid	Chrysene		3,600.000	D 120	430	ug/Kg
P2549-13DL	BH629DL	Solid	Dibenzo(a,h)anthracene		570.000	D 130	430	ug/Kg
P2549-13DL	BH629DL	Solid	Dibenzofuran		250.000	JD 100	430	ug/Kg
P2549-13DL	BH629DL	Solid	Fluoranthene		9,600.000	ED 110	430	ug/Kg
P2549-13DL	BH629DL	Solid	Fluorene		370.000	JD 150	430	ug/Kg
P2549-13DL	BH629DL	Solid	Indeno(1,2,3-cd)pyrene		1,800.000	D 110	430	ug/Kg
P2549-13DL	BH629DL	Solid	Naphthalene		110.000	JD 83	430	ug/Kg
P2549-13DL	BH629DL	Solid	Phenanthrene		5,100.000	D 130	430	ug/Kg
P2549-13DL	BH629DL	Solid	Pyrene		7,800.000	ED 120	430	ug/Kg
Total Svoc :				46,200.00				
Total Concentration:				56,070.00				

Client ID : BHBNO

P2549-22	BHBNO	Solid	1-Phenoxypropan-2-ol	*	87.000	J		
P2549-22	BHBNO	Solid	11H-Benzo[a]fluoren-11-one	*	81.000	J		
P2549-22	BHBNO	Solid	11H-Benzo[b]fluorene	*	92.000	J		
P2549-22	BHBNO	Solid	4H-Cyclopenta[def]phenanthrene	*	280.000	J		
P2549-22	BHBNO	Solid	7H-Benz[de]anthracen-7-one	*	88.000	J		
P2549-22	BHBNO	Solid	9,10-Anthracenedione	*	130.000	J		
P2549-22	BHBNO	Solid	Anthracene, 2-methyl-	*	340.000	J		
P2549-22	BHBNO	Solid	Benzene, [4-(3-ethynylphenyl)-1,3,5-trisubstituted]	*	130.000	J		
P2549-22	BHBNO	Solid	Benzo[e]pyrene	*	450.000	J		
P2549-22	BHBNO	Solid	Cyclopenta(cd)pyrene, 3,4-dihydro	*	85.000	J		
P2549-22	BHBNO	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2549-22	BHBNO	Solid	Fluoranthene, 2-methyl-	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-22	BHBN0	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2549-22	BHBN0	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2549-22	BHBN0	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2549-22	BHBN0	Solid	Pyrene, 4,5,9,10-tetrahydro-	*	83.000	J		
P2549-22	BHBN0	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,	*	97.000	J		
P2549-22	BHBN0	Solid	unknown-01	*	120.000	J		
P2549-22	BHBN0	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				2,823.00				
P2549-22	BHBN0	Solid	1-Methylnaphthalene		44.000	J 23	200	ug/Kg
P2549-22	BHBN0	Solid	Acenaphthene		68.000	J 59	200	ug/Kg
P2549-22	BHBN0	Solid	Acenaphthylene		59.000	J 55	200	ug/Kg
P2549-22	BHBN0	Solid	Anthracene		190.000	J 56	200	ug/Kg
P2549-22	BHBN0	Solid	Benzaldehyde		340.000	J 57	390	ug/Kg
P2549-22	BHBN0	Solid	Benzo(a)anthracene		830.000	46	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(a)pyrene		850.000	68	200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(b)fluoranthene	1,100.000	57		200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(g,h,i)perylene	670.000	55		200	ug/Kg
P2549-22	BHBN0	Solid	Benzo(k)fluoranthene	450.000	69		200	ug/Kg
P2549-22	BHBN0	Solid	Bis(2-ethylhexyl)phthalate	110.000	J 51		200	ug/Kg
P2549-22	BHBN0	Solid	Carbazole	100.000	J 72		390	ug/Kg
P2549-22	BHBN0	Solid	Chrysene	940.000	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	540.000	53		200	ug/Kg
P2549-22	BHBN0	Solid	Phenanthrene	950.000	63		200	ug/Kg
P2549-22	BHBN0	Solid	Pyrene	1,800.000	55		200	ug/Kg
Total Svoc :				11,321.00				
Total Concentration:				14,144.00				
Client ID : BH6E7								
P2590-01	BH6E7	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2590-01	BH6E7	Solid	13-Docosenamide, (Z)-	*	220.000	J		
P2590-01	BH6E7	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	97.000	J		
P2590-01	BH6E7	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	97.000	J		
P2590-01	BH6E7	Solid	n-Hexadecanoic acid	*	190.000	J		
P2590-01	BH6E7	Solid	Pentadecafluorooctanoic acid, hex	*	110.000	J		
P2590-01	BH6E7	Solid	Propylene Glycol	*	160.000	J		
P2590-01	BH6E7	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				1,054.00				
P2590-01	BH6E7	Solid	Benzo(a)anthracene		210.000	49	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-01	BH6E7	Solid	Benzo(a)pyrene	210.000		71	210	ug/Kg
P2590-01	BH6E7	Solid	Benzo(b)fluoranthene	290.000		60	210	ug/Kg
P2590-01	BH6E7	Solid	Benzo(g,h,i)perylene	160.000	J	57	210	ug/Kg
P2590-01	BH6E7	Solid	Benzo(k)fluoranthene	99.000	J	72	210	ug/Kg
P2590-01	BH6E7	Solid	Chrysene	240.000		57	210	ug/Kg
P2590-01	BH6E7	Solid	Fluoranthene	450.000		56	210	ug/Kg
P2590-01	BH6E7	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	56	210	ug/Kg
P2590-01	BH6E7	Solid	Phenanthrene	170.000	J	66	210	ug/Kg
P2590-01	BH6E7	Solid	Pyrene	390.000		57	210	ug/Kg
Total Svoc :				2,349.00				
Total Concentration:				3,403.00				
Client ID : BHBK8								
P2590-02	BHBK8	Solid	Ethanol, 2-(tetradecyloxy)-	*	150.000	J		
P2590-02	BHBK8	Solid	n-Hexadecanoic acid	*	210.000	J		
P2590-02	BHBK8	Solid	unknown-01	*	82.000	J		
P2590-02	BHBK8	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				442.00				
P2590-02	BHBK8	Solid	Benzo(a)anthracene		250.000	46	200	ug/Kg
P2590-02	BHBK8	Solid	Benzo(a)pyrene		260.000	67	200	ug/Kg
P2590-02	BHBK8	Solid	Benzo(b)fluoranthene		360.000	56	200	ug/Kg
P2590-02	BHBK8	Solid	Benzo(g,h,i)perylene		210.000	54	200	ug/Kg
P2590-02	BHBK8	Solid	Benzo(k)fluoranthene	J	120.000	68	200	ug/Kg
P2590-02	BHBK8	Solid	Chrysene		280.000	54	200	ug/Kg
P2590-02	BHBK8	Solid	Fluoranthene		660.000	53	200	ug/Kg
P2590-02	BHBK8	Solid	Indeno(1,2,3-cd)pyrene	J	170.000	53	200	ug/Kg
P2590-02	BHBK8	Solid	Phenanthrene		250.000	62	200	ug/Kg
P2590-02	BHBK8	Solid	Pyrene		580.000	54	200	ug/Kg
Total Svoc :				3,140.00				
Total Concentration:				3,582.00				
Client ID : BHBK9								
P2590-03	BHBK9	Solid	(DEL) Alkane: Cyclic20.998	*	120.000	J		
P2590-03	BHBK9	Solid	Benzo[e]pyrene	*	130.000	J		
P2590-03	BHBK9	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
P2590-03	BHBK9	Solid	unknown-01	*	100.000	J		
P2590-03	BHBK9	Solid	Total Alkanes	*	120.000	53	190	ug/Kg
Total Tics :				640.00				
P2590-03	BHBK9	Solid	Anthracene	J	69.000	54	190	ug/Kg
P2590-03	BHBK9	Solid	Benzo(a)anthracene		270.000	45	190	ug/Kg
P2590-03	BHBK9	Solid	Benzo(a)pyrene		260.000	65	190	ug/Kg
P2590-03	BHBK9	Solid	Benzo(b)fluoranthene		340.000	55	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2590-03	BHBK9	Solid	Benzo(g,h,i)perylene	190.000		53	190	ug/Kg	
P2590-03	BHBK9	Solid	Benzo(k)fluoranthene	120.000	J	66	190	ug/Kg	
P2590-03	BHBK9	Solid	Chrysene	320.000		53	190	ug/Kg	
P2590-03	BHBK9	Solid	Fluoranthene	720.000		51	190	ug/Kg	
P2590-03	BHBK9	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	51	190	ug/Kg	
P2590-03	BHBK9	Solid	Phenanthrene	400.000		61	190	ug/Kg	
P2590-03	BHBK9	Solid	Pyrene	610.000		53	190	ug/Kg	
Total Svoc :				3,459.00					
Total Concentration:				4,099.00					
Client ID : BHBL0									
P2590-04	BHBL0	Solid	(DEL) Alkane: Cyclic20.998	*	160.000	J			
P2590-04	BHBL0	Solid	n-Hexadecanoic acid	*	230.000	J			
P2590-04	BHBL0	Solid	unknown-01	*	89.000	J			
P2590-04	BHBL0	Solid	Total Alkanes	*	160.000	52	190	ug/Kg	
Total Tics :				639.00					
P2590-04	BHBL0	Solid	Benzo(a)anthracene		240.000	44	190	ug/Kg	
P2590-04	BHBL0	Solid	Benzo(a)pyrene		250.000	65	190	ug/Kg	
P2590-04	BHBL0	Solid	Benzo(b)fluoranthene		330.000	54	190	ug/Kg	
P2590-04	BHBL0	Solid	Benzo(g,h,i)perylene		190.000	52	190	ug/Kg	
P2590-04	BHBL0	Solid	Benzo(k)fluoranthene		120.000	J	66	190	ug/Kg
P2590-04	BHBL0	Solid	Chrysene		280.000	52	190	ug/Kg	
P2590-04	BHBL0	Solid	Fluoranthene		670.000	51	190	ug/Kg	
P2590-04	BHBL0	Solid	Indeno(1,2,3-cd)pyrene		150.000	J	51	190	ug/Kg
P2590-04	BHBL0	Solid	Phenanthrene		260.000	60	190	ug/Kg	
P2590-04	BHBL0	Solid	Pyrene		560.000	52	190	ug/Kg	
Total Svoc :				3,050.00					
Total Concentration:				3,689.00					
Client ID : BHBL1									
P2590-05	BHBL1	Solid	1-Tetradecanamine, N,N-dimethyl	*	140.000	J			
P2590-05	BHBL1	Solid	13-Docosenamide, (Z)-	*	140.000	J			
P2590-05	BHBL1	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J			
P2590-05	BHBL1	Solid	Anthracene, 2-methyl-	*	100.000	J			
P2590-05	BHBL1	Solid	Benzo[e]pyrene	*	220.000	J			
P2590-05	BHBL1	Solid	Cyclopenta(def)phenanthrenone	*	77.000	J			
P2590-05	BHBL1	Solid	Ethanol, 2-(tetradecyloxy)-	*	130.000	J			
P2590-05	BHBL1	Solid	N-Dodecylmethylamine	*	110.000	J			
P2590-05	BHBL1	Solid	Phenanthrene, 2,5-dimethyl-	*	85.000	J			
P2590-05	BHBL1	Solid	Phenanthrene, 2-methyl-	*	220.000	J			
P2590-05	BHBL1	Solid	Pyrene, 1-methyl-	*	86.000	J			

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-05	BHBL1	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :				1,468.00				
P2590-05	BHBL1	Solid	Anthracene		76.000	J 54	200	ug/Kg
P2590-05	BHBL1	Solid	Benzo(a)anthracene		420.000	45	200	ug/Kg
P2590-05	BHBL1	Solid	Benzo(a)pyrene		400.000	66	200	ug/Kg
P2590-05	BHBL1	Solid	Benzo(b)fluoranthene		520.000	55	200	ug/Kg
P2590-05	BHBL1	Solid	Benzo(g,h,i)perylene		250.000	53	200	ug/Kg
P2590-05	BHBL1	Solid	Benzo(k)fluoranthene		190.000	J 67	200	ug/Kg
P2590-05	BHBL1	Solid	Chrysene		470.000	53	200	ug/Kg
P2590-05	BHBL1	Solid	Dibenzo(a,h)anthracene		75.000	J 60	200	ug/Kg
P2590-05	BHBL1	Solid	Fluoranthene		1,100.000	52	200	ug/Kg
P2590-05	BHBL1	Solid	Indeno(1,2,3-cd)pyrene		240.000	52	200	ug/Kg
P2590-05	BHBL1	Solid	Phenanthrene		450.000	61	200	ug/Kg
P2590-05	BHBL1	Solid	Pyrene		950.000	53	200	ug/Kg
Total Svoc :				5,141.00				
Total Concentration:				6,609.00				
Client ID : BHBL2								
P2590-06	BHBL2	Solid	11H-Benzo[b]fluorene	*	93.000	J		
P2590-06	BHBL2	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P2590-06	BHBL2	Solid	4H-Cyclopenta[def]phenanthrene	*	280.000	J		
P2590-06	BHBL2	Solid	9,10-Anthracenedione	*	100.000	J		
P2590-06	BHBL2	Solid	9,10-Dimethylanthracene	*	140.000	J		
P2590-06	BHBL2	Solid	Anthracene, 2-methyl-	*	100.000	J		
P2590-06	BHBL2	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2590-06	BHBL2	Solid	Naphthalene, 2-phenyl-	*	93.000	J		
P2590-06	BHBL2	Solid	Perylene	*	360.000	J		
P2590-06	BHBL2	Solid	Phenanthrene, 1-methyl-	*	400.000	J		
P2590-06	BHBL2	Solid	Phenanthrene, 2,7-dimethyl-	*	82.000	J		
P2590-06	BHBL2	Solid	Phenanthrene, 2-methyl-	*	160.000	J		
P2590-06	BHBL2	Solid	Pyrene, 1-methyl-	*	99.000	J		
P2590-06	BHBL2	Solid	Pyrene, 4-methyl-	*	91.000	J		
P2590-06	BHBL2	Solid	unknown-01	*	150.000	J		
P2590-06	BHBL2	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				2,418.00				
P2590-06	BHBL2	Solid	Acenaphthylene		86.000	J 55	200	ug/Kg
P2590-06	BHBL2	Solid	Anthracene		150.000	J 56	200	ug/Kg
P2590-06	BHBL2	Solid	Benzo(a)anthracene		660.000	46	200	ug/Kg
P2590-06	BHBL2	Solid	Benzo(a)pyrene		630.000	68	200	ug/Kg
P2590-06	BHBL2	Solid	Benzo(b)fluoranthene		770.000	57	200	ug/Kg
P2590-06	BHBL2	Solid	Benzo(g,h,i)perylene		410.000	55	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-06	BHBL2	Solid	Benzo(k)fluoranthene	330.000		69	200	ug/Kg
P2590-06	BHBL2	Solid	Bis(2-ethylhexyl)phthalate	56.000	J	51	200	ug/Kg
P2590-06	BHBL2	Solid	Carbazole	88.000	J	72	390	ug/Kg
P2590-06	BHBL2	Solid	Chrysene	700.000		55	200	ug/Kg
P2590-06	BHBL2	Solid	Dibenzo(a,h)anthracene	120.000	J	62	200	ug/Kg
P2590-06	BHBL2	Solid	Fluoranthene	1,600.000		53	200	ug/Kg
P2590-06	BHBL2	Solid	Indeno(1,2,3-cd)pyrene	380.000		53	200	ug/Kg
P2590-06	BHBL2	Solid	Phenanthrene	820.000		63	200	ug/Kg
P2590-06	BHBL2	Solid	Pyrene	1,400.000		55	200	ug/Kg

Total Svoc : 8,200.00
Total Concentration: 10,618.00

Client ID : BHBL3

P2590-07	BHBL3	Solid	(DEL) Alkane: Cyclic20.992	*	170.000	J		
P2590-07	BHBL3	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P2590-07	BHBL3	Solid	n-Hexadecanoic acid	*	260.000	J		
P2590-07	BHBL3	Solid	Perylene	*	190.000	J		
P2590-07	BHBL3	Solid	Total Alkanes	*	170.000		55	200 ug/Kg

Total Tics : 900.00

P2590-07	BHBL3	Solid	Acenaphthylene		64.000	J	55	200 ug/Kg
P2590-07	BHBL3	Solid	Anthracene		91.000	J	56	200 ug/Kg
P2590-07	BHBL3	Solid	Benzo(a)anthracene		350.000		47	200 ug/Kg
P2590-07	BHBL3	Solid	Benzo(a)pyrene		350.000		68	200 ug/Kg
P2590-07	BHBL3	Solid	Benzo(b)fluoranthene		480.000		58	200 ug/Kg
P2590-07	BHBL3	Solid	Benzo(g,h,i)perylene		280.000		55	200 ug/Kg
P2590-07	BHBL3	Solid	Benzo(k)fluoranthene		150.000	J	70	200 ug/Kg
P2590-07	BHBL3	Solid	Chrysene		380.000		55	200 ug/Kg
P2590-07	BHBL3	Solid	Dibenzo(a,h)anthracene		70.000	J	62	200 ug/Kg
P2590-07	BHBL3	Solid	Fluoranthene		770.000		54	200 ug/Kg
P2590-07	BHBL3	Solid	Indeno(1,2,3-cd)pyrene		220.000		54	200 ug/Kg
P2590-07	BHBL3	Solid	Phenanthrene		330.000		64	200 ug/Kg
P2590-07	BHBL3	Solid	Pyrene		710.000		55	200 ug/Kg

Total Svoc : 4,245.00
Total Concentration: 5,145.00

Client ID : BHBL4

P2590-08	BHBL4	Solid	(DEL) Alkane: Cyclic20.992	*	140.000	J		
P2590-08	BHBL4	Solid	(DEL) Alkane: Straight-Chain8.8	*	150.000	J		
P2590-08	BHBL4	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P2590-08	BHBL4	Solid	n-Hexadecanoic acid	*	79.000	J		
P2590-08	BHBL4	Solid	Total Alkanes	*	290.000		52	190 ug/Kg

Total Tics : 769.00

Hit Summary Sheet SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-08	BHBL4	Solid	Anthracene	78.000	J	53	190	ug/Kg
P2590-08	BHBL4	Solid	Benzo(a)anthracene	280.000		44	190	ug/Kg
P2590-08	BHBL4	Solid	Benzo(a)pyrene	260.000		64	190	ug/Kg
P2590-08	BHBL4	Solid	Benzo(b)fluoranthene	350.000		54	190	ug/Kg
P2590-08	BHBL4	Solid	Benzo(g,h,i)perylene	180.000	J	52	190	ug/Kg
P2590-08	BHBL4	Solid	Benzo(k)fluoranthene	120.000	J	65	190	ug/Kg
P2590-08	BHBL4	Solid	Chrysene	310.000		52	190	ug/Kg
P2590-08	BHBL4	Solid	Fluoranthene	750.000		51	190	ug/Kg
P2590-08	BHBL4	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	51	190	ug/Kg
P2590-08	BHBL4	Solid	Phenanthrene	390.000		60	190	ug/Kg
P2590-08	BHBL4	Solid	Pyrene	660.000		52	190	ug/Kg
Total Svoc :				3,538.00				
Total Concentration:				4,307.00				
Client ID : BHBL5								
P2590-09	BHBL5	Solid	(DEL) Alkane: Cyclic20.992	*	210.000	J		
P2590-09	BHBL5	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P2590-09	BHBL5	Solid	Anthracene, 2-methyl-	*	110.000	J		
P2590-09	BHBL5	Solid	Benzo[e]pyrene	*	180.000	J		
P2590-09	BHBL5	Solid	n-Hexadecanoic acid	*	370.000	J		
P2590-09	BHBL5	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J		
P2590-09	BHBL5	Solid	Pyrene, 1-methyl-	*	92.000	J		
P2590-09	BHBL5	Solid	Total Alkanes	*	210.000		56	210 ug/Kg
Total Tics :				1,442.00				
P2590-09	BHBL5	Solid	Acenaphthylene		76.000	J	56	210 ug/Kg
P2590-09	BHBL5	Solid	Anthracene		100.000	J	57	210 ug/Kg
P2590-09	BHBL5	Solid	Benzo(a)anthracene		460.000		47	210 ug/Kg
P2590-09	BHBL5	Solid	Benzo(a)pyrene		460.000		69	210 ug/Kg
P2590-09	BHBL5	Solid	Benzo(b)fluoranthene		650.000		58	210 ug/Kg
P2590-09	BHBL5	Solid	Benzo(g,h,i)perylene		350.000		56	210 ug/Kg
P2590-09	BHBL5	Solid	Benzo(k)fluoranthene		200.000	J	70	210 ug/Kg
P2590-09	BHBL5	Solid	Chrysene		520.000		56	210 ug/Kg
P2590-09	BHBL5	Solid	Dibenzo(a,h)anthracene		93.000	J	63	210 ug/Kg
P2590-09	BHBL5	Solid	Fluoranthene		1,200.000		54	210 ug/Kg
P2590-09	BHBL5	Solid	Indeno(1,2,3-cd)pyrene		290.000		54	210 ug/Kg
P2590-09	BHBL5	Solid	Phenanthrene		540.000		64	210 ug/Kg
P2590-09	BHBL5	Solid	Pyrene		1,000.000		56	210 ug/Kg
Total Svoc :				5,939.00				
Total Concentration:				7,381.00				



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

Hit Summary Sheet
SW-846

SDG No.: BN060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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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
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.

Form VI SV-1

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.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020205 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:20

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 SBLK141	463752	7.68	2.17804e	10.46	1.49536e	14.32
02 BH6E7	561212	7.68	2.4844e+	10.46	1.50219e	14.32
03 BHBK8	494303	7.68	2.25378e	10.46	1.39181e	14.32
04 BHBK9	548426	7.68	2.39832e	10.46	1.42757e	14.32
05 BHBL0	519287	7.68	2.33369e	10.46	1.42626e	14.32
06 BHBL1	547507	7.68	2.42605e	10.46	1.46964e	14.32
07 BHBL2	588360	7.68	2.57957e	10.46	1.49179e	14.32
08 BHBL4	565271	7.68	2.50527e	10.46	1.53974e	14.32
09 BH624	603317	7.68	2.66163e	10.46	1.58907e	14.32
10 BH625	527982	7.68	2.31545e	10.46	1.3994e+	14.32
11 BHBN0	530704	7.68	2.34752e	10.46	1.38789e	14.32
12 BH629DL	270326	7.68	1.21359e *	10.46	731805 *	14.32
13 SBLK141	610874	7.68	2.73246e	10.46	1.65116e	14.32
14 BHBL3	615313	7.68	2.62524e	10.46	1.45874e	14.32
15 BHBL5	537692	7.68	2.36851e	10.46	1.40172e	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.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020270 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031753.D Time Analyzed: 11:20

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	610540	7.681	2.87605e+01	10.46	1.8507e+006	14.32
UPPER LIMIT	1221080	8.181	5752100	10.963	3701400	14.822
LOWER LIMIT	305270	7.181	1438025	9.963	925350	13.822
EPA SAMPLE NO.						
01 SBLK141	463752	7.68	2.17804e	10.46	1.49536e	14.32
02 BH6E7	561212	7.68	2.4844e+	10.46	1.50219e	14.32
03 BHBK8	494303	7.68	2.25378e	10.46	1.39181e	14.32
04 BHBK9	548426	7.68	2.39832e	10.46	1.42757e	14.32
05 BHBL0	519287	7.68	2.33369e	10.46	1.42626e	14.32
06 BHBL1	547507	7.68	2.42605e	10.46	1.46964e	14.32
07 BHBL2	588360	7.68	2.57957e	10.46	1.49179e	14.32
08 BHBL4	565271	7.68	2.50527e	10.46	1.53974e	14.32
09 BH624	603317	7.68	2.66163e	10.46	1.58907e	14.32
10 BH625	527982	7.68	2.31545e	10.46	1.3994e+	14.32
11 BHBN0	530704	7.68	2.34752e	10.46	1.38789e	14.32
12 BH629DL	270326 *	7.68	1.21359e *	10.46	731805 *	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.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020271 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031766.D Time Analyzed: 20:35

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	682454	7.681	2.98183e+00	10.46	1.74062e+00	14.32
UPPER LIMIT	1364908	8.181	5963660	10.963	3481240	14.822
LOWER LIMIT	341227	7.181	1490915	9.963	870310	13.822
EPA SAMPLE NO.						
01 SBLK141	610874	7.68	2.73246e	10.46	1.65116e	14.32
02 BHBL3	615313	7.68	2.62524e	10.46	1.45874e	14.32
03 BHBL5	537692	7.68	2.36851e	10.46	1.40172e	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.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020205 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:20

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	SBLK141	2.96644	17.07	1.94919e+	21.30	1.96853e+	24.25
02	BH6E7	2.65268	17.07	1.82124e+	21.30	2.08391e+	24.25
03	BHBK8	2.61653	17.07	1.61753e+	21.30	1.6839e+0 *	24.25
04	BHBK9	2.44076	17.07	1.65444e+	21.30	1.95479e+	24.25
05	BHBL0	2.61862	17.07	1.57193e+ *	21.31	1.69625e+ *	24.25
06	BHBL1	2.65143	17.07	1.58425e+ *	21.30	1.79395e+	24.25
07	BHBL2	2.46468	17.07	1.70334e+	21.31	2.03155e+	24.25
08	BHBL4	2.80315	17.07	1.67668e+	21.30	1.83874e+	24.25
09	BH624	2.82389	17.07	1.65632e+	21.30	1.82459e+	24.25
10	BH625	2.52961	17.07	1.47423e+ *	21.30	1.63217e+ *	24.25
11	BHBN0	2.47517	17.07	1.41406e+ *	21.30	1.59401e+ *	24.25
12	BH629DL	1.31204*	17.08	718366 *	21.31	824153 *	24.25
13	SBLK141	3.02626	17.07	1.7849e+0	21.30	1.9805e+0	24.24
14	BHBL3	2.38616	17.07	1.69218e+	21.30	2.038e+00	24.24
15	BHBL5	2.47447	17.07	1.45806e+ *	21.30	1.61957e+ *	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020205 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 21:54

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.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020270 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031753.D Time Analyzed: 11:20

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	3.53984e+01	17.075	2.39572e+	21.31	2.63122e+01	24.251
UPPER LIMIT	7079680	17.575	4791440	21.81	5262440	24.751
LOWER LIMIT	1769920	16.575	1197860	20.81	1315610	23.751
EPA SAMPLE NO.						
01 SBLK141	2.96644	17.07	1.94919e+	21.30	1.96853e+	24.25
02 BH6E7	2.65268	17.07	1.82124e+	21.30	2.08391e+	24.25
03 BHBK8	2.61653	17.07	1.61753e+	21.30	1.6839e+0	24.25
04 BHBK9	2.44076	17.07	1.65444e+	21.30	1.95479e+	24.25
05 BHBL0	2.61862	17.07	1.57193e+	21.31	1.69625e+	24.25
06 BHBL1	2.65143	17.07	1.58425e+	21.30	1.79395e+	24.25
07 BHBL2	2.46468	17.07	1.70334e+	21.31	2.03155e+	24.25
08 BHBL4	2.80315	17.07	1.67668e+	21.30	1.83874e+	24.25
09 BH624	2.82389	17.07	1.65632e+	21.30	1.82459e+	24.25
10 BH625	2.52961	17.07	1.47423e+	21.30	1.63217e+	24.25
11 BHBN0	2.47517	17.07	1.41406e+	21.30	1.59401e+	24.25
12 BH629DL	1.31204*	17.08	718366 *	21.31	824153 *	24.25

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060324 SAS No.: BN060324 SDG NO.: BN060324

EPA Sample No.: SSTD020271 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BN031766.D Time Analyzed: 20:35

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	2.86234e+01	17.069	2.05772e+	21.31	2.38116e+01	24.251
UPPER LIMIT	5724680	17.569	4115440	21.81	4762320	24.751
LOWER LIMIT	1431170	16.569	1028860	20.81	1190580	23.751
EPA SAMPLE NO.						
01 SBLK141	3.02626	17.07	1.7849e+0	21.30	1.9805e+0	24.24
02 BHBL3	2.38616	17.07	1.69218e+	21.30	2.038e+00	24.24
03 BHBL5	2.47447	17.07	1.45806e+	21.30	1.61957e+	24.24

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.

BH624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060324

SAS No.: BN060324 SDG NO.: BN060324

Lab File ID: BN031762.D

Lab Sample ID: P2549-07

Instrument ID: BNA_N

Date Extracted: 05/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 16:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH624	P2549-07	BN031762.D	06/03/2024
BH625	P2549-08	BN031763.D	06/03/2024
BHBN0	P2549-22	BN031764.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060324

SAS No.: BN060324 SDG NO.: BN060324

Lab File ID: BN031767.D

Lab Sample ID: PB161141BL

Instrument ID: BNA_N

Date Extracted: 05/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 20:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH6E7	P2590-01	BN031755.D	06/03/2024
BHBK8	P2590-02	BN031756.D	06/03/2024
BHBK9	P2590-03	BN031757.D	06/03/2024
BHBL0	P2590-04	BN031758.D	06/03/2024
BHBL1	P2590-05	BN031759.D	06/03/2024
BHBL2	P2590-06	BN031760.D	06/03/2024
BHBL4	P2590-08	BN031761.D	06/03/2024
BHBL3	P2590-07	BN031768.D	06/03/2024
BHBL5	P2590-09	BN031769.D	06/03/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-07	BH624	BN031762.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	16.84	42		20	120
			Phenol-d5	40	23.90	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.42	56		10	150
			2-Chlorophenol-d4	40	24.29	61		15	120
			4-Methylphenol-d8	40	23.16	58		10	140
			Nitrobenzene-d5	40	24.27	61		10	135
			2-Nitrophenol-d4	40	25.08	63		10	120
			2,4-Dichlorophenol-d3	40	23.40	58		10	140
			4-Chloroaniline-d4	40	11.54	29		1	145
			Dimethylphthalate-d6	40	24.14	60		10	145
			Acenaphthylene-d8	40	24.26	61		15	120
			4-Nitrophenol-d4	40	19.46	49		10	150
			Fluorene-d10	40	24.01	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.14	33		10	130
			Anthracene-d10	40	25.23	63		10	150
			Pyrene-d10	40	30.91	77		10	130
			Benzo(a)pyrene-d12	40	25.52	64		10	140
P2549-08	BH625	BN031763.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	16.38	41		20	120
			Phenol-d5	40	23.55	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.32	56		10	150
			2-Chlorophenol-d4	40	24.38	61		15	120
			4-Methylphenol-d8	40	21.86	55		10	140
			Nitrobenzene-d5	40	24.27	61		10	135
			2-Nitrophenol-d4	40	24.74	62		10	120
			2,4-Dichlorophenol-d3	40	23.38	58		10	140
			4-Chloroaniline-d4	40	14.00	35		1	145
			Dimethylphthalate-d6	40	23.74	59		10	145
			Acenaphthylene-d8	40	24.20	61		15	120
			4-Nitrophenol-d4	40	19.16	48		10	150
			Fluorene-d10	40	23.45	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.31	28		10	130
			Anthracene-d10	40	24.59	61		10	150
			Pyrene-d10	40	32.10	80		10	130
			Benzo(a)pyrene-d12	40	25.56	64		10	140
P2549-13DL	BH629DL	BN031765.D	1,4-Dioxane-d8	8	9.05	113		15	120
			Pyridine-d5	40	35.58	89		20	120
			Phenol-d5	40	54.68	137	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	51.45	129		10	150
			2-Chlorophenol-d4	40	56.23	141	*	15	120
			4-Methylphenol-d8	40	51.57	129		10	140
			Nitrobenzene-d5	40	54.32	136	*	10	135
			2-Nitrophenol-d4	40	54.87	137	*	10	120
			2,4-Dichlorophenol-d3	40	53.40	134		10	140
			4-Chloroaniline-d4	40	36.71	92		1	145
			Dimethylphthalate-d6	40	55.61	139		10	145
			Acenaphthylene-d8	40	56.20	140	*	15	120
			4-Nitrophenol-d4	40	38.84	97		10	150



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

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-13DL	BH629DL	BN031765.D	Fluorene-d10	40	55.29	138		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.00	47		10	130
			Anthracene-d10	40	57.23	143		10	150
			Pyrene-d10	40	77.30	193	*	10	130
			Benzo(a)pyrene-d12	40	56.87	142	*	10	140
P2549-22	BHBN0	BN031764.D	1,4-Dioxane-d8	8	2.85	36		15	120
			Pyridine-d5	40	11.18	28		20	120
			Phenol-d5	40	18.74	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.16	45		10	150
			2-Chlorophenol-d4	40	19.76	49		15	120
			4-Methylphenol-d8	40	17.11	43		10	140
			Nitrobenzene-d5	40	19.57	49		10	135
			2-Nitrophenol-d4	40	19.81	50		10	120
			2,4-Dichlorophenol-d3	40	19.18	48		10	140
			4-Chloroaniline-d4	40	8.16	20		1	145
			Dimethylphthalate-d6	40	19.56	49		10	145
			Acenaphthylene-d8	40	20.07	50		15	120
			4-Nitrophenol-d4	40	12.55	31		10	150
			Fluorene-d10	40	19.83	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.79	19		10	130
			Anthracene-d10	40	20.74	52		10	150
			Pyrene-d10	40	26.84	67		10	130
			Benzo(a)pyrene-d12	40	21.25	53		10	140

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-01	BH6E7	BN031755.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	11.54	29		20	120
			Phenol-d5	40	16.95	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.30	43		10	150
			2-Chlorophenol-d4	40	17.91	45		15	120
			4-Methylphenol-d8	40	15.77	39		10	140
			Nitrobenzene-d5	40	19.18	48		10	135
			2-Nitrophenol-d4	40	19.61	49		10	120
			2,4-Dichlorophenol-d3	40	18.65	47		10	140
			4-Chloroaniline-d4	40	16.09	40		1	145
			Dimethylphthalate-d6	40	20.86	52		10	145
			Acenaphthylene-d8	40	20.75	52		15	120
			4-Nitrophenol-d4	40	11.28	28		10	150
			Fluorene-d10	40	20.01	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.92	35		10	130
			Anthracene-d10	40	21.01	53		10	150
			Pyrene-d10	40	25.12	63		10	130
			Benzo(a)pyrene-d12	40	21.30	53		10	140
P2590-02	BHBK8	BN031756.D	1,4-Dioxane-d8	8	1.66	21		15	120
			Pyridine-d5	40	14.35	36		20	120
			Phenol-d5	40	16.68	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.18	33		10	150
			2-Chlorophenol-d4	40	15.03	38		15	120
			4-Methylphenol-d8	40	16.90	42		10	140
			Nitrobenzene-d5	40	14.95	37		10	135
			2-Nitrophenol-d4	40	17.09	43		10	120
			2,4-Dichlorophenol-d3	40	17.53	44		10	140
			4-Chloroaniline-d4	40	13.44	34		1	145
			Dimethylphthalate-d6	40	20.72	52		10	145
			Acenaphthylene-d8	40	19.51	49		15	120
			4-Nitrophenol-d4	40	16.27	41		10	150
			Fluorene-d10	40	21.67	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.19	40		10	130
			Anthracene-d10	40	22.66	57		10	150
			Pyrene-d10	40	30.38	76		10	130
			Benzo(a)pyrene-d12	40	25.55	64		10	140
P2590-03	BHBK9	BN031757.D	1,4-Dioxane-d8	8	1.90	24		15	120
			Pyridine-d5	40	5.50	14	*	20	120
			Phenol-d5	40	13.43	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.83	35		10	150
			2-Chlorophenol-d4	40	14.34	36		15	120
			4-Methylphenol-d8	40	12.09	30		10	140
			Nitrobenzene-d5	40	15.28	38		10	135
			2-Nitrophenol-d4	40	15.25	38		10	120
			2,4-Dichlorophenol-d3	40	14.81	37		10	140
			4-Chloroaniline-d4	40	10.46	26		1	145
			Dimethylphthalate-d6	40	15.75	39		10	145
			Acenaphthylene-d8	40	16.11	40		15	120
			4-Nitrophenol-d4	40	7.34	18		10	150

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-03	BHBK9	BN031757.D	Fluorene-d10	40	15.84	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.82	22		10	130
			Anthracene-d10	40	15.82	40		10	150
			Pyrene-d10	40	19.06	48		10	130
			Benzo(a)pyrene-d12	40	16.23	41		10	140
P2590-04	BHBL0	BN031758.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	15.24	38		20	120
			Phenol-d5	40	20.84	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.56	51		10	150
			2-Chlorophenol-d4	40	21.75	54		15	120
			4-Methylphenol-d8	40	20.05	50		10	140
			Nitrobenzene-d5	40	22.36	56		10	135
			2-Nitrophenol-d4	40	22.94	57		10	120
			2,4-Dichlorophenol-d3	40	22.25	56		10	140
			4-Chloroaniline-d4	40	19.00	47		1	145
			Dimethylphthalate-d6	40	23.33	58		10	145
			Acenaphthylene-d8	40	23.73	59		15	120
			4-Nitrophenol-d4	40	16.12	40		10	150
			Fluorene-d10	40	23.43	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.60	37		10	130
			Anthracene-d10	40	23.76	59		10	150
			Pyrene-d10	40	30.92	77		10	130
			Benzo(a)pyrene-d12	40	24.28	61		10	140
P2590-05	BHBL1	BN031759.D	1,4-Dioxane-d8	8	2.13	27	*	15	120
			Pyridine-d5	40	7.57	19		20	120
			Phenol-d5	40	19.51	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150
			2-Chlorophenol-d4	40	20.21	51		15	120
			4-Methylphenol-d8	40	18.44	46		10	140
			Nitrobenzene-d5	40	20.95	52		10	135
			2-Nitrophenol-d4	40	23.02	58		10	120
			2,4-Dichlorophenol-d3	40	21.57	54		10	140
			4-Chloroaniline-d4	40	14.76	37		1	145
			Dimethylphthalate-d6	40	22.13	55		10	145
			Acenaphthylene-d8	40	22.60	56		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	22.46	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.32	33		10	130
			Anthracene-d10	40	22.53	56		10	150
			Pyrene-d10	40	29.23	73		10	130
			Benzo(a)pyrene-d12	40	23.58	59		10	140
P2590-06	BHBL2	BN031760.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	8.26	21		20	120
			Phenol-d5	40	19.65	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.17	53		10	150
			2-Chlorophenol-d4	40	22.10	55		15	120
			4-Methylphenol-d8	40	17.49	44		10	140
			Nitrobenzene-d5	40	23.03	58		10	135
			2-Nitrophenol-d4	40	23.31	58		10	120

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-06	BHBL2	BN031760.D	2,4-Dichlorophenol-d3	40	21.81	55		10	140
			4-Chloroaniline-d4	40	13.75	34		1	145
			Dimethylphthalate-d6	40	23.87	60		10	145
			Acenaphthylene-d8	40	23.79	59		15	120
			4-Nitrophenol-d4	40	10.20	25		10	150
			Fluorene-d10	40	23.03	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.42	29		10	130
			Anthracene-d10	40	24.94	62		10	150
			Pyrene-d10	40	28.20	71		10	130
			Benzo(a)pyrene-d12	40	24.66	62		10	140
P2590-07	BHBL3	BN031768.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	4.63	12	*	20	120
			Phenol-d5	40	23.75	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.30	58		10	150
			2-Chlorophenol-d4	40	24.75	62		15	120
			4-Methylphenol-d8	40	21.82	55		10	140
			Nitrobenzene-d5	40	26.45	66		10	135
			2-Nitrophenol-d4	40	26.11	65		10	120
			2,4-Dichlorophenol-d3	40	24.33	61		10	140
			4-Chloroaniline-d4	40	13.54	34		1	145
			Dimethylphthalate-d6	40	26.11	65		10	145
			Acenaphthylene-d8	40	26.76	67		15	120
			4-Nitrophenol-d4	40	10.65	27		10	150
			Fluorene-d10	40	24.63	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.40	31		10	130
			Anthracene-d10	40	25.92	65		10	150
			Pyrene-d10	40	29.77	74		10	130
			Benzo(a)pyrene-d12	40	26.76	67		10	140
P2590-08	BHBL4	BN031761.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	7.75	19	*	20	120
			Phenol-d5	40	19.60	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.30	48		10	150
			2-Chlorophenol-d4	40	20.60	51		15	120
			4-Methylphenol-d8	40	17.99	45		10	140
			Nitrobenzene-d5	40	21.53	54		10	135
			2-Nitrophenol-d4	40	21.70	54		10	120
			2,4-Dichlorophenol-d3	40	21.37	53		10	140
			4-Chloroaniline-d4	40	15.15	38		1	145
			Dimethylphthalate-d6	40	22.28	56		10	145
			Acenaphthylene-d8	40	22.70	57		15	120
			4-Nitrophenol-d4	40	13.58	34		10	150
			Fluorene-d10	40	22.35	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.08	23		10	130
			Anthracene-d10	40	22.47	56		10	150
			Pyrene-d10	40	30.08	75		10	130
			Benzo(a)pyrene-d12	40	23.32	58		10	140
P2590-09	BHBL5	BN031769.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	18.64	47		20	120
			Phenol-d5	40	22.97	57		10	130

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-09	BHBL5	BN031769.D	Bis(2-Chloroethyl)ether-d8	40	23.80	59		10	150
			2-Chlorophenol-d4	40	24.88	62		15	120
			4-Methylphenol-d8	40	20.77	52		10	140
			Nitrobenzene-d5	40	26.31	66		10	135
			2-Nitrophenol-d4	40	27.39	68		10	120
			2,4-Dichlorophenol-d3	40	25.12	63		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	27.17	68		10	145
			Acenaphthylene-d8	40	27.98	70		15	120
			4-Nitrophenol-d4	40	15.64	39		10	150
			Fluorene-d10	40	26.53	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.00	30		10	130
			Anthracene-d10	40	27.33	68		10	150
			Pyrene-d10	40	35.16	88		10	130
			Benzo(a)pyrene-d12	40	28.20	71		10	140
PB161141BL	PB161141BL	BN031767.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	28.65	72		20	120
		BN031754.D	Pyridine-d5	40	29.41	74		20	120
			1,4-Dioxane-d8	8	4.94	62		15	120
		BN031767.D	Phenol-d5	40	29.64	74		10	130
			Phenol-d5	40	30.22	76		10	130
		BN031754.D	Bis(2-Chloroethyl)ether-d8	40	28.54	71		10	150
			Bis(2-Chloroethyl)ether-d8	40	28.90	72		10	150
		BN031767.D	2-Chlorophenol-d4	40	30.41	76		15	120
			2-Chlorophenol-d4	40	30.82	77		15	120
		BN031754.D	4-Methylphenol-d8	40	30.15	75		10	140
			4-Methylphenol-d8	40	30.96	77		10	140
		BN031767.D	Nitrobenzene-d5	40	30.48	76		10	135
			Nitrobenzene-d5	40	31.06	78		10	135
		BN031754.D	2-Nitrophenol-d4	40	32.13	80		10	120
			2-Nitrophenol-d4	40	31.51	79		10	120
		BN031767.D	2,4-Dichlorophenol-d3	40	29.41	74		10	140
			2,4-Dichlorophenol-d3	40	29.11	73		10	140
		BN031754.D	4-Chloroaniline-d4	40	30.45	76		1	145
			4-Chloroaniline-d4	40	31.40	78		1	145
		BN031767.D	Dimethylphthalate-d6	40	29.66	74		10	145
			Dimethylphthalate-d6	40	29.40	73		10	145
		BN031754.D	Acenaphthylene-d8	40	30.62	77		15	120
			Acenaphthylene-d8	40	29.87	75		15	120
		BN031767.D	4-Nitrophenol-d4	40	27.48	69		10	150
			4-Nitrophenol-d4	40	25.79	64		10	150
		BN031754.D	Fluorene-d10	40	29.34	73		20	140
			Fluorene-d10	40	29.86	75		20	140
		BN031767.D	4,6-Dinitro-2-methylphenol-d2	40	21.82	55		10	130
			4,6-Dinitro-2-methylphenol-d2	40	14.08	35		10	130
		BN031754.D	Anthracene-d10	40	30.20	75		10	150
			Anthracene-d10	40	31.42	79		10	150
		BN031767.D	Pyrene-d10	40	37.37	93		10	130
			Pyrene-d10	40	37.67	94		10	130



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

Surrogate Summary

SW-846

SDG No.: BN060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161141BL	PB161141BL	BN031767.D	Benzo(a)pyrene-d12	40	31.01	78		10	140
		BN031754.D	Benzo(a)pyrene-d12	40	31.14	78		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060324

Lab Code: CHEM

SAS No.: BN060324

SDG NO.: BN060324

Lab File ID: BN031752.D

DFTPP Injection Date: 06/03/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.7
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 (0.3) 1
127	10.0 - 80.0% of mass 198	46.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	10.9
442	Greater than 50% of mass 198	71
443	15.0 - 24.0% of mass 442	13.3 (18.8) 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
SSTD020270	SSTDCCC020	BN031753.D	06/03/2024	10:40
SBLK141	PB161141BL	BN031754.D	06/03/2024	11:20
BH6E7	P2590-01	BN031755.D	06/03/2024	11:59
BHBK8	P2590-02	BN031756.D	06/03/2024	12:38
BHBK9	P2590-03	BN031757.D	06/03/2024	13:18
BHBL0	P2590-04	BN031758.D	06/03/2024	13:57
BHBL1	P2590-05	BN031759.D	06/03/2024	14:37
BHBL2	P2590-06	BN031760.D	06/03/2024	15:17
BHBL4	P2590-08	BN031761.D	06/03/2024	15:57
BH624	P2549-07	BN031762.D	06/03/2024	16:36
BH625	P2549-08	BN031763.D	06/03/2024	17:16
BHBN0	P2549-22	BN031764.D	06/03/2024	17:56
BH629DL	P2549-13DL	BN031765.D	06/03/2024	18:36
SSTD020271	SSTDCCC020EC	BN031766.D	06/03/2024	19:55
SBLK141	PB161141BL	BN031767.D	06/03/2024	20:35
BHBL3	P2590-07	BN031768.D	06/03/2024	21:14
BHBL5	P2590-09	BN031769.D	06/03/2024	21:54