

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG No.: BN052424

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:08:25

Lab File ID: BN031651.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020261 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.529	0.010	-0.4535	40.0
Benzaldehyde	0.843	0.941	0.010	11.5875	40.0
Pyridine	1.386	1.409	0.010	1.6494	40.0
Phenol	1.692	1.702	0.080	0.5935	20.0
Bis(2-Chloroethyl)ether	1.404	1.441	0.100	2.6161	20.0
2-Chlorophenol	1.330	1.331	0.200	0.045	20.0
2-Methylphenol	1.268	1.279	0.010	0.9382	20.0
2,2-oxybis(1-Chloropropane)	1.622	1.640	0.010	1.1143	40.0
Acetophenone	1.988	2.023	0.060	1.7767	20.0
4-Methylphenol	1.347	1.356	0.010	0.6968	20.0
N-Nitroso-di-n-propylamine	1.021	0.981	0.050	-3.9204	30.0
Hexachloroethane	0.568	0.565	0.100	-0.6305	20.0
Nitrobenzene	0.371	0.379	0.050	2.2431	25.0
Isophorone	0.705	0.685	0.050	-2.9514	25.0
2-Nitrophenol	0.161	0.164	0.050	1.8842	25.0
2,4-Dimethylphenol	0.329	0.327	0.050	-0.547	25.0
Bis(2-Chloroethoxy)methane	0.450	0.438	0.050	-2.4923	20.0
2,4-Dichlorophenol	0.280	0.280	0.060	-0.2289	20.0
Naphthalene	1.029	1.029	0.200	-0.0428	20.0
4-Chloroaniline	0.398	0.393	0.010	-1.0909	40.0
Hexachlorobutadiene	0.171	0.175	0.040	2.3282	30.0
Caprolactam	0.091	0.083	0.010	-8.951	40.0
4-Chloro-3-methylphenol	0.304	0.295	0.040	-3.173	25.0
1-Methylnaphthalene	0.667	0.657	0.100	-1.438	20.0
2-Methylnaphthalene	0.674	0.665	0.100	-1.2576	20.0
Hexachlorocyclopentadiene	0.339	0.280	0.010	-17.5562	40.0
2,4,6-Trichlorophenol	0.350	0.357	0.090	2.1559	25.0
2,4,5-Trichlorophenol	0.379	0.390	0.100	3.1143	25.0
1,1-Biphenyl	1.442	1.511	0.200	4.7941	20.0
2-Chloronaphthalene	1.142	1.190	0.300	4.2192	20.0
2-Nitroaniline	0.299	0.304	0.050	1.8075	40.0
Dimethylphthalate	1.286	1.319	0.300	2.5827	20.0
2,6-Dinitrotoluene	0.245	0.251	0.080	2.2586	30.0
Acenaphthylene	1.824	1.877	0.400	2.9044	20.0
3-Nitroaniline	0.278	0.280	0.010	0.4884	40.0
Acenaphthene	1.182	1.206	0.200	2.0953	20.0
2,4-Dinitrophenol	0.113	0.081	0.010	-28.3204	40.0
4-Nitrophenol	0.180	0.167	0.010	-7.0497	40.0
Dibenzofuran	1.577	1.583	0.300	0.3467	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG No.: BN052424

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:08:25

Lab File ID: BN031651.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020261 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.333	0.070	1.4122	30.0
Diethylphthalate	1.212	1.246	0.300	2.7941	20.0
Fluorene	1.236	1.252	0.200	1.3313	20.0
4-Chlorophenyl-phenylether	0.595	0.598	0.100	0.5585	20.0
4-Nitroaniline	0.250	0.262	0.010	4.9435	40.0
4,6-Dinitro-2-methylphenol	0.095	0.083	0.010	-12.2533	40.0
N-Nitrosodiphenylamine	0.589	0.605	0.050	2.7667	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.596	0.100	5.2353	20.0
4-Bromophenyl-phenylether	0.201	0.213	0.070	5.9663	20.0
Hexachlorobenzene	0.217	0.231	0.050	6.2202	25.0
Atrazine	0.158	0.162	0.010	2.1974	25.0
Pentachlorophenol	0.124	0.124	0.010	0.1482	40.0
Phenanthrene	1.015	1.047	0.200	3.1383	20.0
Pentachlorobenzene	0.288	0.306	0.050	6.2081	20.0
Anthracene	1.018	1.080	0.200	6.0916	20.0
1,2,3,4-Tetrachlorobenzene	0.318	0.346	0.050	8.7971	20.0
Carbazole	0.869	0.927	0.050	6.7088	40.0
Di-n-butylphthalate	0.998	1.086	0.500	8.8817	25.0
Fluoranthene	1.551	1.297	0.400	-16.3447	25.0
Pyrene	1.590	1.351	0.400	-15.0344	25.0
Butylbenzylphthalate	0.540	0.507	0.100	-6.0243	40.0
3,3-Dichlorobenzidine	0.385	0.380	0.010	-1.1177	40.0
Benzo (a) anthracene	1.345	1.385	0.300	2.977	30.0
Chrysene	1.242	1.257	0.200	1.1904	30.0
Bis (2-ethylhexyl) phthalate	0.739	0.742	0.200	0.4087	40.0
Di-n-octyl phthalate	1.143	0.987	0.010	-13.697	40.0
Benzo (b) fluoranthene	1.167	1.127	0.200	-3.4342	25.0
Benzo (k) fluoranthene	1.190	1.144	0.200	-3.8102	25.0
Benzo (a) pyrene	1.121	1.111	0.200	-0.9079	20.0
Indeno (1,2,3-cd) pyrene	1.346	1.390	0.200	3.3343	25.0
Dibenzo (a,h) anthracene	1.108	1.146	0.200	3.4152	30.0
Benzo (g,h,i) perylene	1.112	1.118	0.200	0.5722	30.0
2,3,4,6-Tetrachlorophenol	0.275	0.266	0.040	-3.236	20.0
1,4-Dioxane-d8	0.505	0.494	0.010	-2.0413	25.0
Pyridine-d5	1.408	1.413	0.010	0.3773	40.0
Phenol-d5	1.646	1.677	0.010	1.8815	25.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.004	0.050	1.6928	25.0
2-Chlorophenol-d4	1.269	1.293	0.200	1.9395	20.0
4-Methylphenol-d8	1.275	1.290	0.010	1.2147	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG No.: BN052424
 Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:08:25
 Lab File ID: BN031651.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020261 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.153	0.050	0.884	20.0
2-Nitrophenol-d4	0.145	0.146	0.050	1.0808	30.0
2,4-Dichlorophenol-d3	0.283	0.285	0.060	0.7712	20.0
4-Chloroaniline-d4	0.407	0.400	0.010	-1.8598	40.0
Dimethylphthalate-d6	1.260	1.307	0.300	3.7049	20.0
Acenaphthylene-d8	1.580	1.638	0.400	3.7129	20.0
4-Nitrophenol-d4	0.238	0.217	0.010	-9.0074	40.0
Fluorene-d10	1.092	1.088	0.100	-0.361	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.073	0.010	-15.1925	40.0
Anthracene-d10	0.847	0.878	0.300	3.6744	20.0
Pyrene-d10	1.255	1.096	0.300	-12.6431	25.0
Benzo(a)pyrene-d12	0.941	0.956	0.010	1.5266	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.: BN052424 SAS No.: BN052424 SDG No.: BN052424

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:18:58

Lab File ID: BN031667.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020262 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.547	0.010	2.9559	50.0
Benzaldehyde	0.843	0.935	0.010	10.8325	50.0
Pyridine	1.386	1.403	0.010	1.2119	50.0
Phenol	1.692	1.694	0.080	0.099	50.0
Bis(2-Chloroethyl)ether	1.404	1.419	0.100	1.0823	50.0
2-Chlorophenol	1.330	1.349	0.200	1.3879	50.0
2-Methylphenol	1.268	1.243	0.010	-1.9053	50.0
2,2-oxybis(1-Chloropropane)	1.622	1.566	0.010	-3.4639	50.0
Acetophenone	1.988	1.941	0.060	-2.3472	50.0
4-Methylphenol	1.347	1.295	0.010	-3.8531	50.0
N-Nitroso-di-n-propylamine	1.021	0.931	0.050	-8.8592	50.0
Hexachloroethane	0.568	0.564	0.100	-0.725	50.0
Nitrobenzene	0.371	0.378	0.050	1.8955	50.0
Isophorone	0.705	0.661	0.050	-6.3201	50.0
2-Nitrophenol	0.161	0.162	0.050	0.8359	50.0
2,4-Dimethylphenol	0.329	0.323	0.050	-1.7506	50.0
Bis(2-Chloroethoxy)methane	0.450	0.431	0.050	-4.0511	50.0
2,4-Dichlorophenol	0.280	0.273	0.060	-2.6299	50.0
Naphthalene	1.029	1.021	0.200	-0.7965	50.0
4-Chloroaniline	0.398	0.377	0.010	-5.2269	50.0
Hexachlorobutadiene	0.171	0.183	0.040	6.4574	50.0
Caprolactam	0.091	0.077	0.010	-15.2589	50.0
4-Chloro-3-methylphenol	0.304	0.269	0.040	-11.5379	50.0
1-Methylnaphthalene	0.667	0.623	0.100	-6.5178	50.0
2-Methylnaphthalene	0.674	0.623	0.100	-7.5291	50.0
Hexachlorocyclopentadiene	0.339	0.263	0.010	-22.6199	50.0
2,4,6-Trichlorophenol	0.350	0.369	0.090	5.5642	50.0
2,4,5-Trichlorophenol	0.379	0.389	0.100	2.8515	50.0
1,1-Biphenyl	1.442	1.526	0.200	5.8433	50.0
2-Chloronaphthalene	1.142	1.206	0.300	5.6608	50.0
2-Nitroaniline	0.299	0.296	0.050	-1.034	50.0
Dimethylphthalate	1.286	1.309	0.300	1.7776	50.0
2,6-Dinitrotoluene	0.245	0.244	0.080	-0.6352	50.0
Acenaphthylene	1.824	1.877	0.400	2.9203	50.0
3-Nitroaniline	0.278	0.283	0.010	1.5772	50.0
Acenaphthene	1.182	1.207	0.200	2.157	50.0
2,4-Dinitrophenol	0.113	0.076	0.010	-32.1588	50.0
4-Nitrophenol	0.180	0.167	0.010	-6.8718	50.0
Dibenzofuran	1.577	1.564	0.300	-0.8408	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG No.: BN052424

Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:18:58

Lab File ID: BN031667.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020262 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.320	0.070	-2.5144	50.0
Diethylphthalate	1.212	1.207	0.300	-0.379	50.0
Fluorene	1.236	1.223	0.200	-0.9775	50.0
4-Chlorophenyl-phenylether	0.595	0.591	0.100	-0.6901	50.0
4-Nitroaniline	0.250	0.276	0.010	10.7012	50.0
4,6-Dinitro-2-methylphenol	0.095	0.075	0.010	-20.6767	50.0
N-Nitrosodiphenylamine	0.589	0.596	0.050	1.1507	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.618	0.100	9.1267	50.0
4-Bromophenyl-phenylether	0.201	0.195	0.070	-3.1154	50.0
Hexachlorobenzene	0.217	0.213	0.050	-2.2022	50.0
Atrazine	0.158	0.159	0.010	0.533	50.0
Pentachlorophenol	0.124	0.123	0.010	-1.0057	50.0
Phenanthrene	1.015	1.029	0.200	1.3303	50.0
Pentachlorobenzene	0.288	0.289	0.050	0.47	50.0
Anthracene	1.018	1.024	0.200	0.5418	50.0
1,2,3,4-Tetrachlorobenzene	0.318	0.346	0.050	8.8728	50.0
Carbazole	0.869	0.937	0.050	7.7708	50.0
Di-n-butylphthalate	0.998	1.047	0.500	4.9718	50.0
Fluoranthene	1.551	1.261	0.400	-18.6815	50.0
Pyrene	1.590	1.305	0.400	-17.9425	50.0
Butylbenzylphthalate	0.540	0.502	0.100	-6.9981	50.0
3,3-Dichlorobenzidine	0.385	0.389	0.010	1.2269	50.0
Benzo (a) anthracene	1.345	1.330	0.300	-1.1014	50.0
Chrysene	1.242	1.262	0.200	1.5945	50.0
Bis (2-ethylhexyl) phthalate	0.739	0.705	0.200	-4.5895	50.0
Di-n-octyl phthalate	1.143	1.003	0.010	-12.2866	50.0
Benzo (b) fluoranthene	1.167	1.124	0.200	-3.7033	50.0
Benzo (k) fluoranthene	1.190	1.163	0.200	-2.2376	50.0
Benzo (a) pyrene	1.121	1.107	0.200	-1.2571	50.0
Indeno (1,2,3-cd) pyrene	1.346	1.353	0.200	0.5889	50.0
Dibenzo (a,h) anthracene	1.108	1.123	0.200	1.3242	50.0
Benzo (g,h,i) perylene	1.112	1.100	0.200	-1.0631	50.0
2,3,4,6-Tetrachlorophenol	0.275	0.273	0.040	-0.656	50.0
1,4-Dioxane-d8	0.505	0.504	0.010	-0.075	50.0
Pyridine-d5	1.408	1.411	0.010	0.217	50.0
Phenol-d5	1.646	1.682	0.010	2.1607	50.0
Bis- (2-Chloroethyl) ether-d8	0.987	0.982	0.050	-0.5168	50.0
2-Chlorophenol-d4	1.269	1.305	0.200	2.8433	50.0
4-Methylphenol-d8	1.275	1.236	0.010	-3.0417	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG No.: BN052424
 Instrument ID: BNA_N Calibration Date/Time: 5/24/2024 1:18:58
 Lab File ID: BN031667.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020262 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.154	0.050	1.5968	50.0
2-Nitrophenol-d4	0.145	0.149	0.050	2.8291	50.0
2,4-Dichlorophenol-d3	0.283	0.280	0.060	-0.7913	50.0
4-Chloroaniline-d4	0.407	0.384	0.010	-5.6847	50.0
Dimethylphthalate-d6	1.260	1.283	0.300	1.8277	50.0
Acenaphthylene-d8	1.580	1.629	0.400	3.104	50.0
4-Nitrophenol-d4	0.238	0.217	0.010	-9.0868	50.0
Fluorene-d10	1.092	1.047	0.100	-4.1545	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.068	0.010	-21.8173	50.0
Anthracene-d10	0.847	0.846	0.300	-0.1317	50.0
Pyrene-d10	1.255	1.046	0.300	-16.5826	50.0
Benzo(a)pyrene-d12	0.941	0.927	0.010	-1.5189	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK058	SDG No.:	BN052424
Lab Sample ID:	PB161058BL	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
BN031652.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN052424
Lab Sample ID:	PB161058BL	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
BN031652.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN052424
Lab Sample ID:	PB161058BL	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
BN031652.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	5.615		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	29.994		20-120		75	SPK: -40
4165-62-2	Phenol-d5	31.894		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.732		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.234		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.975		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	31.601		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.045		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.725		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.052		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.286		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.958		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.81		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	32.132		20-140		80	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:	SBLK058	SDG No.:	BN052424
Lab Sample ID:	PB161058BL	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
BN031652.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.677		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	32.121		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	32.12		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.134		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	687601	7.687				
1146-65-2	Naphthalene-d8	3056702	10.469				
15067-26-2	Acenaphthene-d10	1912226	14.328				
1517-22-2	Phenanthrene-d10	3608782	17.069				
1719-03-5	Chrysene-d12	2351784	21.298				
1520-96-3	Perylene-d12	2572883	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg



Client:			Date Collected:	5/20/2024 12:00:00 AM		
Project:			Date Received:	5/20/2024 12:00:00 AM		
Client Sample ID:	BH5W9DL		SDG No.:	BN052424		
Lab Sample ID:	P2547-12DL		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	15.4		
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031653.D	5	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	71	U	71	38.9	390	ug/Kg
100-52-7	Benzaldehyde	280	U	280	490	1900	ug/Kg
110-86-1	Pyridine	71	U	71	970	1900	ug/Kg
108-95-2	Phenol	270	U	270	490	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	490	1900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	250	1000	ug/Kg
95-48-7	2-Methylphenol	230	U	230	490	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	490	1900	ug/Kg
98-86-2	Acetophenone	350	U	350	490	1900	ug/Kg
106-44-5	4-Methylphenol	240	U	240	490	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	220	U	220	250	1000	ug/Kg
67-72-1	Hexachloroethane	94	U	94	250	1000	ug/Kg
98-95-3	Nitrobenzene	160	U	160	250	1000	ug/Kg
78-59-1	Isophorone	210	U	210	250	1000	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	250	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	250	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	180	U	180	250	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	250	1000	ug/Kg
91-20-3	Naphthalene	320	JD	190	250	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	250	1900	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	250	1000	ug/Kg
105-60-2	Caprolactam	240	U	240	490	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	250	1000	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	250	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	250	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	490	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290	U	290	250	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	290	U	290	250	1000	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:	BH5W9DL	SDG No.:	BN052424
Lab Sample ID:	P2547-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031653.D	5	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270	U	270	250	1000	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	250	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	250	1000	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	250	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	250	1000	ug/Kg
208-96-8	Acenaphthylene	270	U	270	250	1000	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	490	1900	ug/Kg
83-32-9	Acenaphthene	650	JD	290	250	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	490	1900	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	490	1900	ug/Kg
132-64-9	Dibenzofuran	400	JD	240	250	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	77	U	77	250	1000	ug/Kg
84-66-2	Diethylphthalate	240	U	240	250	1000	ug/Kg
86-73-7	Fluorene	520	JD	340	250	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	250	1000	ug/Kg
100-01-6	4-Nitroaniline	94	U	94	490	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	490	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	250	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	250	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	580	U	580	250	1000	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	250	1000	ug/Kg
1912-24-9	Atrazine	65	U	65	490	1900	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	490	1900	ug/Kg
85-01-8	Phenanthrene	5200	D	310	250	1000	ug/Kg
608-93-5	Pentachlorobenzene	210	U	210	250	1000	ug/Kg
120-12-7	Anthracene	1200	D	280	250	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	250	1000	ug/Kg
86-74-8	Carbazole	580	JD	360	490	1900	ug/Kg
84-74-2	Di-n-butylphthalate	340	U	340	250	1000	ug/Kg
206-44-0	Fluoranthene	4500	D	270	490	1000	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:	BH5W9DL	SDG No.:	BN052424
Lab Sample ID:	P2547-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031653.D	5	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500	D	270	250	1000	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	250	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	490	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2000	D	230	250	1000	ug/Kg
218-01-9	Chrysene	1900	D	270	250	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	250	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	490	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100	D	280	250	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	740	JD	340	250	1000	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	340	250	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	JD	270	250	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	250	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	D	270	250	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	310	250	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.71		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.415		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.455		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.875		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.715		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.53		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.755		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.52		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.16		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.785		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.035		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.53		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.705		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	23.335		20-140		58	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:	BH5W9DL	SDG No.:	BN052424
Lab Sample ID:	P2547-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031653.D	5	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.19		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	24.69		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	22.365		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.955		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	483290	7.687				
1146-65-2	Naphthalene-d8	2035201	10.469				
15067-26-2	Acenaphthene-d10	1129791	14.328				
1517-22-2	Phenanthrene-d10	1794705	17.069				
1719-03-5	Chrysene-d12	1293753	21.298				
1520-96-3	Perylene-d12	1530053	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	450	JD			17.945	
000832-69-9	Phenanthrene, 1-methyl-	570	JD			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	720	JD			18.139	
000198-55-0	Perylene	940	JD			23.962	
E966796	Total Alkanes	270	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:	BH5X4DL	SDG No.:	BN052424
Lab Sample ID:	P2547-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031654.D	2	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.4	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	820	ug/Kg
110-86-1	Pyridine	30	U	30	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	200	820	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	110	420	ug/Kg
95-48-7	2-Methylphenol	97	U	97	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	200	820	ug/Kg
98-86-2	Acetophenone	150	U	150	200	820	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	110	420	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	420	ug/Kg
98-95-3	Nitrobenzene	67	U	67	110	420	ug/Kg
78-59-1	Isophorone	89	U	89	110	420	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	110	420	ug/Kg
91-20-3	Naphthalene	130	JD	82	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	110	420	ug/Kg
105-60-2	Caprolactam	99	U	99	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	420	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:	BH5X4DL	SDG No.:	BN052424
Lab Sample ID:	P2547-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031654.D	2	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	110	420	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	110	420	ug/Kg
208-96-8	Acenaphthylene	140	JD	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	200	820	ug/Kg
83-32-9	Acenaphthene	370	JD	120	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	200	820	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	820	ug/Kg
132-64-9	Dibenzofuran	280	JD	99	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	110	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	420	ug/Kg
86-73-7	Fluorene	370	JD	140	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	820	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	200	820	ug/Kg
85-01-8	Phenanthrene	4400	D	130	110	420	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	110	420	ug/Kg
120-12-7	Anthracene	990	D	120	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	420	ug/Kg
86-74-8	Carbazole	530	JD	150	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	420	ug/Kg
206-44-0	Fluoranthene	4400	D	110	200	420	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:	BH5X4DL	SDG No.:	BN052424
Lab Sample ID:	P2547-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031654.D	2	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3700	D	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	180	JD	110	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	2500	D	97	110	420	ug/Kg
218-01-9	Chrysene	2600	D	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	JD	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	D	120	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	920	D	140	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	2200	D	140	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	110	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	380	JD	130	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	D	110	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.422		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	12.334		20-120		31	SPK: -40
4165-62-2	Phenol-d5	17.692		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.794		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.82		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.45		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.54		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.056		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.392		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.158		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.02		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.032		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.138		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	22.58		20-140		56	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:	BH5X4DL	SDG No.:	BN052424
Lab Sample ID:	P2547-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031654.D	2	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.302		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	23.198		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	20.858		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.458		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	473914	7.687				
1146-65-2	Naphthalene-d8	1798708	10.469				
15067-26-2	Acenaphthene-d10	979993	14.328				
1517-22-2	Phenanthrene-d10	1884504	17.075				
1719-03-5	Chrysene-d12	1705187	21.304				
1520-96-3	Perylene-d12	2123167	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	180	JD			15.816	
000486-25-9	9H-Fluoren-9-one	240	JD			16.728	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	180	JD			16.828	
000132-65-0	Dibenzothiophene	230	JD			16.892	
002531-84-2	Phenanthrene, 2-methyl-	570	JD			17.945	
000832-69-9	Phenanthrene, 1-methyl-	730	JD			17.992	
000613-12-7	Anthracene, 2-methyl-	250	JD			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	860	JD			18.139	
000832-64-4	Phenanthrene, 4-methyl-	290	JD			18.175	
000612-94-2	Naphthalene, 2-phenyl-	360	JD			18.451	
000084-65-1	9,10-Anthracenedione	330	JD			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	JD			18.869	
	unknown-01	230	JD			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	340	JD			19.01	
002381-21-7	Pyrene, 1-methyl-	190	JD			19.822	
000243-17-4	11H-Benzo[b]fluorene	190	JD			19.992	
033543-31-6	Fluoranthene, 2-methyl-	190	JD			20.145	

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:	BH5X4DL	SDG No.:	BN052424
Lab Sample ID:	P2547-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031654.D	2	5/21/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000479-79-8	11H-Benzo[a]fluoren-11-one	180	JD			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	200	JD			20.91	
	unknown-02	210	JD			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	220	JD			21.051	
002498-76-2	Benz[a]anthracene, 2-methyl-	180	JD			21.974	
000205-82-3	Benzo[j]fluoranthene	390	JD			23.545	
000198-55-0	Perylene	1400	JD			23.968	
000192-97-2	Benzo[e]pyrene	730	JD			24.31	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y2	SDG No.:	BN052424
Lab Sample ID:	P2548-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BN031655.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.6	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.6	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.6	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.6	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.6	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.6	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y2	SDG No.:	BN052424
Lab Sample ID:	P2548-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BN031655.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.6	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.6	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.6	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.6	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	700		64	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.6	210	ug/Kg
120-12-7	Anthracene	150	J	57	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.6	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.6	210	ug/Kg
206-44-0	Fluoranthene	790		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y2	SDG No.:	BN052424
Lab Sample ID:	P2548-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BN031655.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		56	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	430		47	51.6	210	ug/Kg
218-01-9	Chrysene	450		56	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		58	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	70	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	390		69	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		55	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	63	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		56	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.401		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.06		20-120		40	SPK: -40
4165-62-2	Phenol-d5	22.461		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.512		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.141		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.56		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.65		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.957		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.888		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.31		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.063		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.756		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.252		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	25.541		20-140		64	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:	BH5Y2	SDG No.:	BN052424
Lab Sample ID:	P2548-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BN031655.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.876		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.143		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	22.826		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.738		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	526664	7.687				
1146-65-2	Naphthalene-d8	2182413	10.469				
15067-26-2	Acenaphthene-d10	1163079	14.328				
1517-22-2	Phenanthrene-d10	1859220	17.069				
1719-03-5	Chrysene-d12	1417124	21.304				
1520-96-3	Perylene-d12	1748536	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.21	
004505-48-0	1H-Indene, 2-phenyl-	86	J			17.945	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.139	
000479-79-8	11H-Benzo[a]fluoren-11-one	82	J			20.739	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			20.998	
000192-97-2	Benzo[e]pyrene	230	J			23.962	
E966796	Total Alkanes	56	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:	BH5Y4	SDG No.:	BN052424
Lab Sample ID:	P2548-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN031656.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	53	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	74	U	74	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53	210	ug/Kg
78-59-1	Isophorone	45	U	45	53	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	53	210	ug/Kg
91-20-3	Naphthalene	48	J	41	53	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	53	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y4	SDG No.:	BN052424
Lab Sample ID:	P2548-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN031656.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	53	210	ug/Kg
208-96-8	Acenaphthylene	81	J	57	53	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	190	J	62	53	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	120	J	50	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	53	210	ug/Kg
86-73-7	Fluorene	160	J	72	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53	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	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53	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	2400		66	53	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53	210	ug/Kg
120-12-7	Anthracene	570		59	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53	210	ug/Kg
86-74-8	Carbazole	310	J	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	53	210	ug/Kg
206-44-0	Fluoranthene	2600		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y4	SDG No.:	BN052424
Lab Sample ID:	P2548-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN031656.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100		57	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	54	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		49	53	210	ug/Kg
218-01-9	Chrysene	1400		57	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		54	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		60	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	450		72	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		71	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		56	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		65	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		57	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.51		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	9.424		20-120		24	SPK: -40
4165-62-2	Phenol-d5	15.122		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.513		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.056		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	12.876		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	15.57		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.704		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.161		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.247		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.833		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.306		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.052		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	17.391		20-140		43	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:	BH5Y4	SDG No.:	BN052424
Lab Sample ID:	P2548-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN031656.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.527		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.36		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	16.253		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.167		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	491255	7.687				
1146-65-2	Naphthalene-d8	1964485	10.469				
15067-26-2	Acenaphthene-d10	1002499	14.328				
1517-22-2	Phenanthrene-d10	1662846	17.069				
1719-03-5	Chrysene-d12	1426872	21.304				
1520-96-3	Perylene-d12	1790367	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	140	J			3.458	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.21	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	89	J			15.816	
000486-25-9	9H-Fluoren-9-one	140	J			16.727	
000132-65-0	Dibenzothiophene	130	J			16.886	
002531-84-2	Phenanthrene, 2-methyl-	290	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	430	J			17.992	
000613-12-7	Anthracene, 2-methyl-	130	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	460	J			18.139	
000779-02-2	Anthracene, 9-methyl-	160	J			18.174	
000612-94-2	Naphthalene, 2-phenyl-	190	J			18.451	
000084-65-1	9,10-Anthracenedione	200	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	200	J			18.869	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			19.01	
002381-21-7	Pyrene, 1-methyl-	100	J			19.827	
000243-17-4	11H-Benzo[b]fluorene	95	J			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:	BH5Y4	SDG No.:	BN052424
Lab Sample ID:	P2548-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN031656.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	96	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			20.91	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	85	J			20.951	
027208-37-3	Cyclopenta[cd]pyrene	130	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			21.051	
000192-97-2	Benzo[e]pyrene	250	J			23.545	
000198-55-0	Perylene	840	J			23.974	
	unknown-01	440	J			24.31	
E966796	Total Alkanes	57	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:	BH608	SDG No.:	BN052424
Lab Sample ID:	P2548-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031657.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93.1	370	ug/Kg
108-95-2	Phenol	51	U	51	93.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.1	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.1	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.1	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	48	190	ug/Kg
78-59-1	Isophorone	41	U	41	48	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	48	190	ug/Kg
91-20-3	Naphthalene	37	U	37	48	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	48	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	93.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	48	190	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:	BH608	SDG No.:	BN052424
Lab Sample ID:	P2548-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031657.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	48	190	ug/Kg
208-96-8	Acenaphthylene	58	J	52	48	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.1	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.1	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.1	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	48	190	ug/Kg
86-73-7	Fluorene	65	U	65	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	48	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.1	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.1	370	ug/Kg
85-01-8	Phenanthrene	260		60	48	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48	190	ug/Kg
120-12-7	Anthracene	61	J	53	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	48	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	48	190	ug/Kg
206-44-0	Fluoranthene	530		51	93.1	190	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:	BH608	SDG No.:	BN052424
Lab Sample ID:	P2548-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031657.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		52	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	330		44	48	190	ug/Kg
218-01-9	Chrysene	380		52	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		54	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	65	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	350		64	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		51	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	J	59	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		52	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.921		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.723		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.965		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.123		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.29		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.944		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.276		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.323		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.318		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.029		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.759		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.121		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.794		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	22.885		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH608	SDG No.:	BN052424
Lab Sample ID:	P2548-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031657.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.877		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.203		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	19.817		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.145		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	421639	7.687				
1146-65-2	Naphthalene-d8	1580161	10.469				
15067-26-2	Acenaphthene-d10	853941	14.328				
1517-22-2	Phenanthrene-d10	1630206	17.069				
1719-03-5	Chrysene-d12	1487203	21.304				
1520-96-3	Perylene-d12	1861284	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.134	
000479-79-8	11H-Benzo[a]fluoren-11-one	92	J			20.739	
	unknown-01	110	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	79	J			21.051	
000192-97-2	Benzo[e]pyrene	210	J			23.968	
E966796	Total Alkanes	52	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:	BH5Y6	SDG No.:	BN052424
Lab Sample ID:	P2548-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031658.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	98	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.5	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	98	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.5	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.5	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.5	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.5	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.5	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:	BH5Y6	SDG No.:	BN052424
Lab Sample ID:	P2548-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031658.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.5	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.5	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.5	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98	390	ug/Kg
85-01-8	Phenanthrene	150	J	63	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.5	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.5	200	ug/Kg
86-74-8	Carbazole	72	U	72	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.5	200	ug/Kg
206-44-0	Fluoranthene	220		53	98	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:	BH5Y6	SDG No.:	BN052424
Lab Sample ID:	P2548-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031658.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		55	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	46	50.5	200	ug/Kg
218-01-9	Chrysene	150	J	55	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	57	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	68	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80	J	53	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	J	55	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.5	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	17.544		20-120		44	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.999		15-120		50	SPK: -8
4165-62-2	Phenol-d5	22.807		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.481		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.328		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.921		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.808		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.141		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.302		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.023		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.045		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.49		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.354		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.94		20-140		62	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:	BH5Y6	SDG No.:	BN052424
Lab Sample ID:	P2548-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031658.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.23		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	25.254		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	21.807		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.02		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	453816	7.687				
1146-65-2	Naphthalene-d8	1800887	10.475				
15067-26-2	Acenaphthene-d10	904617	14.328				
1517-22-2	Phenanthrene-d10	1518160	17.069				
1719-03-5	Chrysene-d12	1347347	21.304				
1520-96-3	Perylene-d12	1671376	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	260	J			3.458	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			7.287	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.21	
000057-10-3	n-Hexadecanoic acid	190	J			17.975	
077899-03-7	1-Heneicosyl formate	120	J			20.992	
000112-84-5	13-Docosenamide, (Z)-	130	J			22.674	
E966796	Total Alkanes	55	U			99	ug/Kg



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	BH616			SDG No.:	BN052424	
Lab Sample ID:	P2548-21			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	15.9	
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
BN031659.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	97.8	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.8	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.8	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.8	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	97.8	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	97.8	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:	BH616	SDG No.:	BN052424
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BN031659.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	62	J	55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.8	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.8	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	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.8	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	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.8	390	ug/Kg
85-01-8	Phenanthrene	170	J	63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	56	U	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	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.4	200	ug/Kg
206-44-0	Fluoranthene	330		53	97.8	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:	BH616	SDG No.:	BN052424
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BN031659.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		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	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	220		46	50.4	200	ug/Kg
218-01-9	Chrysene	240		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	230		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	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	0.38	*	15-120		5	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.288	*	10-130		1	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.34	*	10-150		1	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.314	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.255	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	0.33	*	10-135		1	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.281	*	10-120		1	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.304	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.346		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.393	*	10-145		1	SPK: -40
93951-97-4	Acenaphthylene-d8	0.354	*	15-120		1	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.182	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.383	*	20-140		1	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:	BH616	SDG No.:	BN052424
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BN031659.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.112	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0.422	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.34	*	10-130		1	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.415	*	10-140		1	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	403639	7.687				
1146-65-2	Naphthalene-d8	1519783	10.469				
15067-26-2	Acenaphthene-d10	770834	14.328				
1517-22-2	Phenanthrene-d10	1346947	17.069				
1719-03-5	Chrysene-d12	1291854	21.304				
1520-96-3	Perylene-d12	1571447	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000192-97-2	Benzo[e]pyrene	150	J			23.963	
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:	BH609	SDG No.:	BN052424
Lab Sample ID:	P2548-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031660.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.7	88	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.8	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	78	U	78	110	430	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	49	U	49	55.8	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.8	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.8	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.8	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	55.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	55.8	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.8	220	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	55.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.8	220	ug/Kg
105-60-2	Caprolactam	53	U	53	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	55.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	55.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH609	SDG No.:	BN052424
Lab Sample ID:	P2548-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031660.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	55.8	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.8	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.8	220	ug/Kg
208-96-8	Acenaphthylene	79	J	60	55.8	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	66	U	66	55.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	53	U	53	55.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.8	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	55.8	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.8	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.8	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	55.8	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	430	ug/Kg
85-01-8	Phenanthrene	290		70	55.8	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.8	220	ug/Kg
120-12-7	Anthracene	76	J	62	55.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.4	U	7.4	55.8	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	55.8	220	ug/Kg
206-44-0	Fluoranthene	540		59	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH609	SDG No.:	BN052424
Lab Sample ID:	P2548-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031660.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520		60	55.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	55.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	340		51	55.8	220	ug/Kg
218-01-9	Chrysene	410		60	55.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	J	57	55.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		63	55.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	76	55.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	370		75	55.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		59	55.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		60	55.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.309		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	7.165	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	11.978		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.433		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.808		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	10.476		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	12.955		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.217		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.121		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.588		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.879		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	14.673		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.659		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	14.26		20-140		36	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:	BH609	SDG No.:	BN052424
Lab Sample ID:	P2548-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031660.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.825		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	15.794		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	13.001		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.872		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	408816	7.693				
1146-65-2	Naphthalene-d8	1521386	10.469				
15067-26-2	Acenaphthene-d10	762561	14.328				
1517-22-2	Phenanthrene-d10	1343612	17.069				
1719-03-5	Chrysene-d12	1272527	21.304				
1520-96-3	Perylene-d12	1556769	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.139	
	unknown-01	91	J			20.998	
000198-55-0	Perylene	220	J			23.968	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031661.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.5	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	420	ug/Kg
98-86-2	Acetophenone	74	U	74	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.5	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.5	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.5	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.5	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.5	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031661.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.5	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.5	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.5	210	ug/Kg
208-96-8	Acenaphthylene	110	J	58	53.5	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.5	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.5	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.5	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	430		67	53.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.5	210	ug/Kg
120-12-7	Anthracene	110	J	59	53.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53.5	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.5	210	ug/Kg
206-44-0	Fluoranthene	780		57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031661.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	740		58	53.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	510		49	53.5	210	ug/Kg
218-01-9	Chrysene	590		58	53.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70	J	54	53.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		60	53.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		73	53.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	540		72	53.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330		57	53.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	65	53.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		58	53.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.563		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	14.497		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.563		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.334		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.675		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	16.378		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	21.225		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.073		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.604		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.483		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.639		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.998		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.475		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	21.554		20-140		54	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:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031661.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.409		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.718		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	18.99		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.234		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	437605	7.687				
1146-65-2	Naphthalene-d8	1673156	10.469				
15067-26-2	Acenaphthene-d10	838916	14.328				
1517-22-2	Phenanthrene-d10	1395249	17.069				
1719-03-5	Chrysene-d12	1261478	21.304				
1520-96-3	Perylene-d12	1555460	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000613-12-7	Anthracene, 2-methyl-	110	J			17.945	
002531-84-2	Phenanthrene, 2-methyl-	230	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.134	
000832-64-4	Phenanthrene, 4-methyl-	85	J			18.175	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	99	J			19.01	
027208-37-3	Cyclopenta[cd]pyrene	110	J			20.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	85	J			21.051	
000192-97-2	Benzo[e]pyrene	340	J			23.968	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X9	SDG No.:	BN052424
Lab Sample ID:	P2548-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031662.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52	210	ug/Kg
78-59-1	Isophorone	44	U	44	52	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52	210	ug/Kg
91-20-3	Naphthalene	220		40	52	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	66	J	23	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	93	J	45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X9	SDG No.:	BN052424
Lab Sample ID:	P2548-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031662.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52	210	ug/Kg
208-96-8	Acenaphthylene	61	J	56	52	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	340		61	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	220		49	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52	210	ug/Kg
86-73-7	Fluorene	310		71	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	400	ug/Kg
85-01-8	Phenanthrene	3600	E	65	52	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52	210	ug/Kg
120-12-7	Anthracene	730		58	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52	210	ug/Kg
86-74-8	Carbazole	580		75	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52	210	ug/Kg
206-44-0	Fluoranthene	3600	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X9	SDG No.:	BN052424
Lab Sample ID:	P2548-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031662.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000		56	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	53	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	2100		48	52	210	ug/Kg
218-01-9	Chrysene	2300		56	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	83	J	53	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		59	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		71	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		70	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		55	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350		64	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		56	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.942		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	5.858	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	11.376		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.86		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.082		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	9.435		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	11.715		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.341		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.114		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.945		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.856		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.704		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.93		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	11.861		20-140		30	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:	BH5X9	SDG No.:	BN052424
Lab Sample ID:	P2548-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031662.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.843		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	12.546		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	11.365		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.826		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	488811	7.687				
1146-65-2	Naphthalene-d8	1984259	10.475				
15067-26-2	Acenaphthene-d10	1008998	14.328				
1517-22-2	Phenanthrene-d10	1571153	17.075				
1719-03-5	Chrysene-d12	1236131	21.304				
1520-96-3	Perylene-d12	1557506	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	90	J			3.711	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	120	J			15.816	
001430-97-3	9H-Fluorene, 2-methyl-	130	J			16.381	
000486-25-9	9H-Fluoren-9-one	180	J			16.728	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	200	J			16.828	
000132-65-0	Dibenzothiophene	200	J			16.892	
000260-94-6	Acridine	96	J			17.263	
002531-84-2	Phenanthrene, 2-methyl-	390	J			17.945	
000832-69-9	Phenanthrene, 1-methyl-	530	J			17.992	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	170	J			18.075	
000203-64-5	4H-Cyclopenta[def]phenanthrene	650	J			18.139	
000613-12-7	Anthracene, 2-methyl-	210	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	250	J			18.451	
000084-65-1	9,10-Anthracenedione	240	J			18.486	
001576-67-6	Phenanthrene, 3,6-dimethyl-	200	J			18.869	
000605-02-7	Naphthalene, 1-phenyl-	120	J			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	220	J			19.01	

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:	BH5X9	SDG No.:	BN052424
Lab Sample ID:	P2548-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031662.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	130	J			19.992	
002381-21-7	Pyrene, 1-methyl-	93	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	91	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	120	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.051	
000205-25-4	7H-Benz[c]carbazole	84	J			21.68	
002498-76-2	Benz[a]anthracene, 2-methyl-	86	J			21.98	
000192-97-2	Benzo[e]pyrene	310	J			23.551	
000198-55-0	Perylene	1200	J			23.974	
000205-82-3	Benzo[j]fluoranthene	650	J			24.31	
E966796	Total Alkanes	56	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:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031663.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.5	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	420	ug/Kg
98-86-2	Acetophenone	74	U	74	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.5	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.5	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.5	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.5	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.5	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031663.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.5	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.5	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.5	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.5	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.5	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.5	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.5	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	110	J	67	53.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.5	210	ug/Kg
120-12-7	Anthracene	59	U	59	53.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53.5	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.5	210	ug/Kg
206-44-0	Fluoranthene	200	J	57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031663.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	58	53.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	49	53.5	210	ug/Kg
218-01-9	Chrysene	150	J	58	53.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	53.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	60	53.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	J	73	53.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	72	53.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	J	57	53.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	53.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	J	58	53.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.115		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.374		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.458		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.244		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.113		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.075		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.577		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.412		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.176		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.952		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.41		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	20.908		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.019		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	21.692		20-140		54	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:	BH610	SDG No.:	BN052424
Lab Sample ID:	P2548-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031663.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.408		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	21.369		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.727		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.413		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	412687	7.693				
1146-65-2	Naphthalene-d8	1591548	10.475				
15067-26-2	Acenaphthene-d10	880971	14.328				
1517-22-2	Phenanthrene-d10	1740244	17.069				
1719-03-5	Chrysene-d12	1659542	21.304				
1520-96-3	Perylene-d12	1983205	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.975	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	260	J			20.351	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH617	SDG No.:	BN052424
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BN031664.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

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	96.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.2	380	ug/Kg
98-86-2	Acetophenone	69	U	69	96.2	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.5	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.5	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.5	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.5	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.5	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:	BH617	SDG No.:	BN052424
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BN031664.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.5	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.2	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.2	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.5	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.5	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.2	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.5	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.5	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.5	200	ug/Kg
206-44-0	Fluoranthene	90	J	52	96.2	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:	BH617	SDG No.:	BN052424
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BN031664.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	83	J	54	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	59	J	45	49.5	200	ug/Kg
218-01-9	Chrysene	68	J	54	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	J	56	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.362	*	15-120		5	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0.248	*	10-130		1	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.32	*	10-150		1	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.25	*	15-120		1	SPK: -40
190780-66-6	4-Methylphenol-d8	0.223	*	10-140		1	SPK: -40
4165-60-0	Nitrobenzene-d5	0.261	*	10-135		1	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.199	*	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.238	*	10-140		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.239		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.293	*	10-145		1	SPK: -40
93951-97-4	Acenaphthylene-d8	0.268	*	15-120		1	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.111	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.307	*	20-140		1	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:	BH617	SDG No.:	BN052424
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BN031664.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.064	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0.291	*	10-150		1	SPK: -40
1718-52-1	Pyrene-d10	0.25	*	10-130		1	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.303	*	10-140		1	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	471889	7.687				
1146-65-2	Naphthalene-d8	1787621	10.469				
15067-26-2	Acenaphthene-d10	881360	14.328				
1517-22-2	Phenanthrene-d10	1623944	17.069				
1719-03-5	Chrysene-d12	1480515	21.298				
1520-96-3	Perylene-d12	1813550	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	89	J			17.969	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	130	J			20.392	
E966796	Total Alkanes	54	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:	BH5Y0	SDG No.:	BN052424
Lab Sample ID:	P2548-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031665.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.5	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y0	SDG No.:	BN052424
Lab Sample ID:	P2548-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031665.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.5	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.5	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	49	U	49	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.5	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.5	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	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	800		66	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.5	210	ug/Kg
120-12-7	Anthracene	160	J	58	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.5	210	ug/Kg
86-74-8	Carbazole	94	J	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.5	210	ug/Kg
206-44-0	Fluoranthene	860		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y0	SDG No.:	BN052424
Lab Sample ID:	P2548-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031665.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	720		57	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	460		48	52.5	210	ug/Kg
218-01-9	Chrysene	500		57	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		59	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	72	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	420		70	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		56	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	J	64	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		57	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.089	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.549	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.258		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.014		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.763		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	5.274		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	6.471		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.891		10-120		15	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.938		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.51		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.34		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.087		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.257	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	6.964	*	20-140		17	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:	BH5Y0	SDG No.:	BN052424
Lab Sample ID:	P2548-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031665.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.641	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	7.214		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	6.673		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.627		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	512130	7.693				
1146-65-2	Naphthalene-d8	2074443	10.469				
15067-26-2	Acenaphthene-d10	1024554	14.328				
1517-22-2	Phenanthrene-d10	1621129	17.075				
1719-03-5	Chrysene-d12	1360774	21.304				
1520-96-3	Perylene-d12	1675840	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	92	J			17.945	
000779-02-2	Anthracene, 9-methyl-	130	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.139	
000192-97-2	Benzo[e]pyrene	270	J			23.968	
E966796	Total Alkanes	57	U			99	ug/Kg



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	BH5X9DL			SDG No.:	BN052424	
Lab Sample ID:	P2548-02DL			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	18.6	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031666.D	2	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	16.2	160	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	810	ug/Kg
110-86-1	Pyridine	29	U	29	400	810	ug/Kg
108-95-2	Phenol	110	U	110	200	810	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	86	U	86	200	810	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	100	420	ug/Kg
95-48-7	2-Methylphenol	96	U	96	200	810	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	200	810	ug/Kg
98-86-2	Acetophenone	140	U	140	200	810	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	810	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	100	420	ug/Kg
67-72-1	Hexachloroethane	39	U	39	100	420	ug/Kg
98-95-3	Nitrobenzene	66	U	66	100	420	ug/Kg
78-59-1	Isophorone	88	U	88	100	420	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	100	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	100	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	100	420	ug/Kg
120-83-2	2,4-Dichlorophenol	83	U	83	100	420	ug/Kg
91-20-3	Naphthalene	220	JD	81	100	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	100	810	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	100	420	ug/Kg
105-60-2	Caprolactam	98	U	98	200	810	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	100	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	100	420	ug/Kg
91-57-6	2-Methylnaphthalene	94	JD	91	100	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	810	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	100	420	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:	BH5X9DL	SDG No.:	BN052424
Lab Sample ID:	P2548-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031666.D	2	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	100	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	100	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	100	420	ug/Kg
131-11-3	Dimethylphthalate	93	U	93	100	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	100	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	100	420	ug/Kg
99-09-2	3-Nitroaniline	34	U	34	200	810	ug/Kg
83-32-9	Acenaphthene	350	JD	120	100	420	ug/Kg
51-28-5	2,4-Dinitrophenol	78	U	78	200	810	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	810	ug/Kg
132-64-9	Dibenzofuran	240	JD	98	100	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	100	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	100	420	ug/Kg
86-73-7	Fluorene	320	JD	140	100	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	100	420	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	200	810	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	200	810	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	100	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	100	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	100	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	100	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	810	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	200	810	ug/Kg
85-01-8	Phenanthrene	3900	D	130	100	420	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	100	420	ug/Kg
120-12-7	Anthracene	780	D	120	100	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	100	420	ug/Kg
86-74-8	Carbazole	610	JD	150	200	810	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	100	420	ug/Kg
206-44-0	Fluoranthene	3800	D	110	200	420	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:	BH5X9DL	SDG No.:	BN052424
Lab Sample ID:	P2548-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031666.D	2	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3200	D	110	100	420	ug/Kg
85-68-7	Butylbenzylphthalate	150	JD	110	100	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	200	810	ug/Kg
56-55-3	Benzo(a)anthracene	2100	D	96	100	420	ug/Kg
218-01-9	Chrysene	2300	D	110	100	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	100	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	810	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	D	120	100	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	810	D	140	100	420	ug/Kg
50-32-8	Benzo(a)pyrene	1900	D	140	100	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	110	100	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	JD	130	100	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	D	110	100	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	100	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.212		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	5.744	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	11.282		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.234		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.082		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	9.248		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	11.696		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.868		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.91		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.6		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.136		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	12.674		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.146		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	12.474		20-140		31	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:	BH5X9DL	SDG No.:	BN052424
Lab Sample ID:	P2548-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031666.D	2	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.736		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	13.056		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	11.272		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.316		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	495099	7.693				
1146-65-2	Naphthalene-d8	1943006	10.469				
15067-26-2	Acenaphthene-d10	954642	14.328				
1517-22-2	Phenanthrene-d10	1518680	17.069				
1719-03-5	Chrysene-d12	1316633	21.304				
1520-96-3	Perylene-d12	1596605	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	170	JD			16.728	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	190	JD			16.828	
000132-65-0	Dibenzothiophene	190	JD			16.887	
002531-84-2	Phenanthrene, 2-methyl-	390	JD			17.945	
000613-12-7	Anthracene, 2-methyl-	510	JD			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	620	JD			18.14	
000610-48-0	Anthracene, 1-methyl-	200	JD			18.175	
000612-94-2	Naphthalene, 2-phenyl-	240	JD			18.451	
000084-65-1	9,10-Anthracenedione	220	JD			18.486	
001576-67-6	Phenanthrene, 3,6-dimethyl-	190	JD			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	200	JD			19.004	
033543-31-6	Fluoranthene, 2-methyl-	220	JD			19.992	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	JD			20.91	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	210	JD			20.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	JD			21.051	
000192-97-2	Benzo[e]pyrene	310	JD			23.545	
000198-55-0	Perylene	1200	JD			23.969	

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:	BH5X9DL	SDG No.:	BN052424
Lab Sample ID:	P2548-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031666.D	2	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	670	JD			24.304	
E966796	Total Alkanes	110	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5W9DL								
P2547-12DL	BH5W9DL	Solid	4H-Cyclopenta[def]phenanthrene *	720.000	JD			
P2547-12DL	BH5W9DL	Solid	Perylene *	940.000	JD			
P2547-12DL	BH5W9DL	Solid	Phenanthrene, 1-methyl- *	570.000	JD			
P2547-12DL	BH5W9DL	Solid	Phenanthrene, 2-methyl- *	450.000	JD			
P2547-12DL	BH5W9DL	Solid	Total Alkanes *	0.000	D	270	1000	ug/Kg
Total Tics :				2,680.00				
P2547-12DL	BH5W9DL	Solid	Acenaphthene	650.000	JD	290	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Anthracene	1,200.000	D	280	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Benzo(a)anthracene	2,000.000	D	230	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Benzo(a)pyrene	1,800.000	D	340	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Benzo(b)fluoranthene	2,100.000	D	280	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Benzo(g,h,i)perylene	1,100.000	D	270	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Benzo(k)fluoranthene	740.000	JD	340	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Carbazole	580.000	JD	360	1900	ug/Kg
P2547-12DL	BH5W9DL	Solid	Chrysene	1,900.000	D	270	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Dibenzofuran	400.000	JD	240	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Fluoranthene	4,500.000	D	270	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Fluorene	520.000	JD	340	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Indeno(1,2,3-cd)pyrene	900.000	JD	270	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Naphthalene	320.000	JD	190	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Phenanthrene	5,200.000	D	310	1000	ug/Kg
P2547-12DL	BH5W9DL	Solid	Pyrene	3,500.000	D	270	1000	ug/Kg
Total Svoc :				27,410.00				
Total Concentration:				30,090.00				
Client ID : BH5X4DL								
P2547-17DL	BH5X4DL	Solid	11H-Benzo[a]fluoren-11-one *	180.000	JD			
P2547-17DL	BH5X4DL	Solid	11H-Benzo[b]fluorene *	190.000	JD			
P2547-17DL	BH5X4DL	Solid	4H-Cyclopenta[def]phenanthrene *	860.000	JD			
P2547-17DL	BH5X4DL	Solid	7H-Benz[de]anthracen-7-one *	220.000	JD			
P2547-17DL	BH5X4DL	Solid	9,10-Anthracenedione *	330.000	JD			
P2547-17DL	BH5X4DL	Solid	9H-Fluoren-9-one *	240.000	JD			
P2547-17DL	BH5X4DL	Solid	Anthracene, 1,2,3,4-tetrahydro- *	180.000	JD			
P2547-17DL	BH5X4DL	Solid	Anthracene, 2-methyl- *	250.000	JD			
P2547-17DL	BH5X4DL	Solid	Benz[a]anthracene, 2-methyl- *	180.000	JD			
P2547-17DL	BH5X4DL	Solid	Benzo[b]naphtho[2,1-d]thiophene *	200.000	JD			
P2547-17DL	BH5X4DL	Solid	Benzo[e]pyrene *	730.000	JD			
P2547-17DL	BH5X4DL	Solid	Benzo[j]fluoranthene *	390.000	JD			

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-17DL	BH5X4DL	Solid	Cyclopenta(def)phenanthrenone	*	340.000	JD		
P2547-17DL	BH5X4DL	Solid	Dibenzofuran, 4-methyl-	*	180.000	JD		
P2547-17DL	BH5X4DL	Solid	Dibenzothiophene	*	230.000	JD		
P2547-17DL	BH5X4DL	Solid	Fluoranthene, 2-methyl-	*	190.000	JD		
P2547-17DL	BH5X4DL	Solid	Naphthalene, 2-phenyl-	*	360.000	JD		
P2547-17DL	BH5X4DL	Solid	Perylene	*	1,400.000	JD		
P2547-17DL	BH5X4DL	Solid	Phenanthrene, 1-methyl-	*	730.000	JD		
P2547-17DL	BH5X4DL	Solid	Phenanthrene, 2,5-dimethyl-	*	350.000	JD		
P2547-17DL	BH5X4DL	Solid	Phenanthrene, 2-methyl-	*	570.000	JD		
P2547-17DL	BH5X4DL	Solid	Phenanthrene, 4-methyl-	*	290.000	JD		
P2547-17DL	BH5X4DL	Solid	Pyrene, 1-methyl-	*	190.000	JD		
P2547-17DL	BH5X4DL	Solid	unknown-01	*	230.000	JD		
P2547-17DL	BH5X4DL	Solid	unknown-02	*	210.000	JD		
P2547-17DL	BH5X4DL	Solid	Total Alkanes	*	0.000	D 110	420	ug/Kg
Total Tics :					9,220.00			
P2547-17DL	BH5X4DL	Solid	Acenaphthene		370.000	JD 120	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Acenaphthylene		140.000	JD 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Anthracene		990.000	D 120	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Benzo(a)anthracene		2,500.000	D 97	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Benzo(a)pyrene		2,200.000	D 140	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Benzo(b)fluoranthene		2,800.000	D 120	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Benzo(g,h,i)perylene		1,300.000	D 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Benzo(k)fluoranthene		920.000	D 140	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Bis(2-ethylhexyl)phthalate		170.000	JD 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Butylbenzylphthalate		180.000	JD 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Carbazole		530.000	JD 150	820	ug/Kg
P2547-17DL	BH5X4DL	Solid	Chrysene		2,600.000	D 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Dibenzo(a,h)anthracene		380.000	JD 130	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Dibenzofuran		280.000	JD 99	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Fluoranthene		4,400.000	D 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Fluorene		370.000	JD 140	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Indeno(1,2,3-cd)pyrene		1,200.000	D 110	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Naphthalene		130.000	JD 82	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Phenanthrene		4,400.000	D 130	420	ug/Kg
P2547-17DL	BH5X4DL	Solid	Pyrene		3,700.000	D 110	420	ug/Kg
Total Svoc :					29,560.00			
Total Concentration:					38,780.00			
Client ID : BH5X9								
P2548-02	BH5X9	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	120.000	J		
P2548-02	BH5X9	Solid	11H-Benzo[a]fluoren-11-one	*	91.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-02	BH5X9	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	170.000	J			
P2548-02	BH5X9	Solid	4H-Cyclopenta[def]phenanthrene *	650.000	J			
P2548-02	BH5X9	Solid	7H-Benz[de]anthracen-7-one *	110.000	J			
P2548-02	BH5X9	Solid	7H-Benzo[c]carbazole *	84.000	J			
P2548-02	BH5X9	Solid	9,10-Anthracenedione *	240.000	J			
P2548-02	BH5X9	Solid	9H-Fluoren-9-one *	180.000	J			
P2548-02	BH5X9	Solid	9H-Fluorene, 2-methyl- *	130.000	J			
P2548-02	BH5X9	Solid	Acridine *	96.000	J			
P2548-02	BH5X9	Solid	Anthracene, 1,2,3,4-tetrahydro- *	200.000	J			
P2548-02	BH5X9	Solid	Anthracene, 2-methyl- *	210.000	J			
P2548-02	BH5X9	Solid	Benz[a]anthracene, 2-methyl- *	86.000	J			
P2548-02	BH5X9	Solid	Benzo[b]naphtho[2,1-d]thiophene *	110.000	J			
P2548-02	BH5X9	Solid	Benzo[e]pyrene *	310.000	J			
P2548-02	BH5X9	Solid	Benzo[j]fluoranthene *	650.000	J			
P2548-02	BH5X9	Solid	Cyclopenta(def)phenanthrenone *	220.000	J			
P2548-02	BH5X9	Solid	Cyclopenta[cd]pyrene *	120.000	J			
P2548-02	BH5X9	Solid	Dibenzothiophene *	200.000	J			
P2548-02	BH5X9	Solid	Fluoranthene, 2-methyl- *	130.000	J			
P2548-02	BH5X9	Solid	Naphthalene, 1-phenyl- *	120.000	J			
P2548-02	BH5X9	Solid	Naphthalene, 2-phenyl- *	250.000	J			
P2548-02	BH5X9	Solid	Perylene *	1,200.000	J			
P2548-02	BH5X9	Solid	Phenanthrene, 1-methyl- *	530.000	J			
P2548-02	BH5X9	Solid	Phenanthrene, 2-methyl- *	390.000	J			
P2548-02	BH5X9	Solid	Phenanthrene, 3,6-dimethyl- *	200.000	J			
P2548-02	BH5X9	Solid	Pyrene, 1-methyl- *	93.000	J			
P2548-02	BH5X9	Solid	unknown-01 *	90.000	J			
P2548-02	BH5X9	Solid	Total Alkanes *	0.000	J	56	210	ug/Kg
Total Tics :				6,980.00				
P2548-02	BH5X9	Solid	1-Methylnaphthalene	66.000	J	23	210	ug/Kg
P2548-02	BH5X9	Solid	2-Methylnaphthalene	93.000	J	45	210	ug/Kg
P2548-02	BH5X9	Solid	Acenaphthene	340.000		61	210	ug/Kg
P2548-02	BH5X9	Solid	Acenaphthylene	61.000	J	56	210	ug/Kg
P2548-02	BH5X9	Solid	Anthracene	730.000		58	210	ug/Kg
P2548-02	BH5X9	Solid	Benzo(a)anthracene	2,100.000		48	210	ug/Kg
P2548-02	BH5X9	Solid	Benzo(a)pyrene	1,900.000		70	210	ug/Kg
P2548-02	BH5X9	Solid	Benzo(b)fluoranthene	2,800.000		59	210	ug/Kg
P2548-02	BH5X9	Solid	Benzo(g,h,i)perylene	1,200.000		56	210	ug/Kg
P2548-02	BH5X9	Solid	Benzo(k)fluoranthene	580.000		71	210	ug/Kg
P2548-02	BH5X9	Solid	Bis(2-ethylhexyl)phthalate	83.000	J	53	210	ug/Kg
P2548-02	BH5X9	Solid	Butylbenzylphthalate	160.000	J	53	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-02	BH5X9	Solid	Carbazole	580.000		75	400	ug/Kg
P2548-02	BH5X9	Solid	Chrysene	2,300.000		56	210	ug/Kg
P2548-02	BH5X9	Solid	Dibenzo(a,h)anthracene	350.000		64	210	ug/Kg
P2548-02	BH5X9	Solid	Dibenzofuran	220.000		49	210	ug/Kg
P2548-02	BH5X9	Solid	Fluoranthene	3,600.000	E	55	210	ug/Kg
P2548-02	BH5X9	Solid	Fluorene	310.000		71	210	ug/Kg
P2548-02	BH5X9	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		55	210	ug/Kg
P2548-02	BH5X9	Solid	Naphthalene	220.000		40	210	ug/Kg
P2548-02	BH5X9	Solid	Phenanthrene	3,600.000	E	65	210	ug/Kg
P2548-02	BH5X9	Solid	Pyrene	3,000.000		56	210	ug/Kg
Total Svoc :				25,393.00				
Total Concentration:				32,373.00				
Client ID : BH5X9DL								
P2548-02DL	BH5X9DL	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	JD		
P2548-02DL	BH5X9DL	Solid	4H-Cyclopenta[def]phenanthrene	*	620.000	JD		
P2548-02DL	BH5X9DL	Solid	9,10-Anthracenedione	*	220.000	JD		
P2548-02DL	BH5X9DL	Solid	9H-Fluoren-9-one	*	170.000	JD		
P2548-02DL	BH5X9DL	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	190.000	JD		
P2548-02DL	BH5X9DL	Solid	Anthracene, 1-methyl-	*	200.000	JD		
P2548-02DL	BH5X9DL	Solid	Anthracene, 2-methyl-	*	510.000	JD		
P2548-02DL	BH5X9DL	Solid	Benzene, [4-(3-ethynylphenyl)-1,3-	*	210.000	JD		
P2548-02DL	BH5X9DL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	190.000	JD		
P2548-02DL	BH5X9DL	Solid	Benzo[e]pyrene	*	310.000	JD		
P2548-02DL	BH5X9DL	Solid	Cyclopenta(def)phenanthrenone	*	200.000	JD		
P2548-02DL	BH5X9DL	Solid	Dibenzothiophene	*	190.000	JD		
P2548-02DL	BH5X9DL	Solid	Fluoranthene, 2-methyl-	*	220.000	JD		
P2548-02DL	BH5X9DL	Solid	Naphthalene, 2-phenyl-	*	240.000	JD		
P2548-02DL	BH5X9DL	Solid	Perylene	*	1,200.000	JD		
P2548-02DL	BH5X9DL	Solid	Phenanthrene, 2-methyl-	*	390.000	JD		
P2548-02DL	BH5X9DL	Solid	Phenanthrene, 3,6-dimethyl-	*	190.000	JD		
P2548-02DL	BH5X9DL	Solid	unknown-01	*	670.000	JD		
P2548-02DL	BH5X9DL	Solid	Total Alkanes	*	0.000	D 110	420	ug/Kg
Total Tics :				6,100.00				
P2548-02DL	BH5X9DL	Solid	2-Methylnaphthalene		94.000	JD 91	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Acenaphthene		350.000	JD 120	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Anthracene		780.000	D 120	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Benzo(a)anthracene		2,100.000	D 96	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Benzo(a)pyrene		1,900.000	D 140	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Benzo(b)fluoranthene		2,800.000	D 120	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Benzo(g,h,i)perylene		1,200.000	D 110	420	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-02DL	BH5X9DL	Solid	Benzo(k)fluoranthene	810.000	D	140	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Butylbenzylphthalate	150.000	JD	110	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Carbazole	610.000	JD	150	810	ug/Kg
P2548-02DL	BH5X9DL	Solid	Chrysene	2,300.000	D	110	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Dibenzo(a,h)anthracene	350.000	JD	130	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Dibenzofuran	240.000	JD	98	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Fluoranthene	3,800.000	D	110	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Fluorene	320.000	JD	140	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Indeno(1,2,3-cd)pyrene	1,100.000	D	110	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Naphthalene	220.000	JD	81	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Phenanthrene	3,900.000	D	130	420	ug/Kg
P2548-02DL	BH5X9DL	Solid	Pyrene	3,200.000	D	110	420	ug/Kg
Total Svoc :				26,224.00				
Total Concentration:				32,324.00				

Client ID : BH5Y0

P2548-03	BH5Y0	Solid	4H-Cyclopenta[def]phenanthrene *	150.000	J			
P2548-03	BH5Y0	Solid	Anthracene, 9-methyl- *	130.000	J			
P2548-03	BH5Y0	Solid	Benzo[e]pyrene *	270.000	J			
P2548-03	BH5Y0	Solid	Phenanthrene, 2-methyl- *	92.000	J			
P2548-03	BH5Y0	Solid	Total Alkanes *	0.000		57	210	ug/Kg
Total Tics :				642.00				
P2548-03	BH5Y0	Solid	Anthracene	160.000	J	58	210	ug/Kg
P2548-03	BH5Y0	Solid	Benzo(a)anthracene	460.000		48	210	ug/Kg
P2548-03	BH5Y0	Solid	Benzo(a)pyrene	420.000		70	210	ug/Kg
P2548-03	BH5Y0	Solid	Benzo(b)fluoranthene	590.000		59	210	ug/Kg
P2548-03	BH5Y0	Solid	Benzo(g,h,i)perylene	270.000		57	210	ug/Kg
P2548-03	BH5Y0	Solid	Benzo(k)fluoranthene	170.000	J	72	210	ug/Kg
P2548-03	BH5Y0	Solid	Carbazole	94.000	J	75	410	ug/Kg
P2548-03	BH5Y0	Solid	Chrysene	500.000		57	210	ug/Kg
P2548-03	BH5Y0	Solid	Dibenzo(a,h)anthracene	74.000	J	64	210	ug/Kg
P2548-03	BH5Y0	Solid	Fluoranthene	860.000		56	210	ug/Kg
P2548-03	BH5Y0	Solid	Indeno(1,2,3-cd)pyrene	230.000		56	210	ug/Kg
P2548-03	BH5Y0	Solid	Phenanthrene	800.000		66	210	ug/Kg
P2548-03	BH5Y0	Solid	Pyrene	720.000		57	210	ug/Kg
Total Svoc :				5,348.00				
Total Concentration:				5,990.00				

Client ID : BH5Y2

P2548-05	BH5Y2	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2548-05	BH5Y2	Solid	11H-Benzo[a]fluoren-11-one *	82.000	J			

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-05	BH5Y2	Solid	1H-Indene, 2-phenyl-	*	86.000	J		
P2548-05	BH5Y2	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P2548-05	BH5Y2	Solid	Benzo[e]pyrene	*	230.000	J		
P2548-05	BH5Y2	Solid	Pentadecafluorooctanoic acid, oct:	*	110.000	J		
P2548-05	BH5Y2	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2548-05	BH5Y2	Solid	Propylene Glycol	*	140.000	J		
P2548-05	BH5Y2	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :					1,098.00			
P2548-05	BH5Y2	Solid	Anthracene		150.000	J 57	210	ug/Kg
P2548-05	BH5Y2	Solid	Benzo(a)anthracene		430.000	47	210	ug/Kg
P2548-05	BH5Y2	Solid	Benzo(a)pyrene		390.000	69	210	ug/Kg
P2548-05	BH5Y2	Solid	Benzo(b)fluoranthene		540.000	58	210	ug/Kg
P2548-05	BH5Y2	Solid	Benzo(g,h,i)perylene		240.000	56	210	ug/Kg
P2548-05	BH5Y2	Solid	Benzo(k)fluoranthene		150.000	J 70	210	ug/Kg
P2548-05	BH5Y2	Solid	Chrysene		450.000	56	210	ug/Kg
P2548-05	BH5Y2	Solid	Dibenzo(a,h)anthracene		70.000	J 63	210	ug/Kg
P2548-05	BH5Y2	Solid	Fluoranthene		790.000	55	210	ug/Kg
P2548-05	BH5Y2	Solid	Indeno(1,2,3-cd)pyrene		210.000	55	210	ug/Kg
P2548-05	BH5Y2	Solid	Phenanthrene		700.000	64	210	ug/Kg
P2548-05	BH5Y2	Solid	Pyrene		650.000	56	210	ug/Kg
Total Svoc :					4,770.00			
Total Concentration:					5,868.00			
Client ID : BH5Y4								
P2548-07	BH5Y4	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	89.000	J		
P2548-07	BH5Y4	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2548-07	BH5Y4	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2548-07	BH5Y4	Solid	11H-Benzo[b]fluorene	*	95.000	J		
P2548-07	BH5Y4	Solid	4H-Cyclopenta[def]phenanthrene	*	460.000	J		
P2548-07	BH5Y4	Solid	7H-Benz[de]anthracen-7-one	*	130.000	J		
P2548-07	BH5Y4	Solid	9,10-Anthracenedione	*	200.000	J		
P2548-07	BH5Y4	Solid	9H-Fluoren-9-one	*	140.000	J		
P2548-07	BH5Y4	Solid	Anthracene, 2-methyl-	*	130.000	J		
P2548-07	BH5Y4	Solid	Anthracene, 9-methyl-	*	160.000	J		
P2548-07	BH5Y4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P2548-07	BH5Y4	Solid	Benzo[e]pyrene	*	250.000	J		
P2548-07	BH5Y4	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	85.000	J		
P2548-07	BH5Y4	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P2548-07	BH5Y4	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2548-07	BH5Y4	Solid	Dibenzothiophene	*	130.000	J		
P2548-07	BH5Y4	Solid	Fluoranthene, 2-methyl-	*	96.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-07	BH5Y4	Solid	Isopropyl Alcohol	*	140.000	J		
P2548-07	BH5Y4	Solid	Naphthalene, 2-phenyl-	*	190.000	J		
P2548-07	BH5Y4	Solid	Perylene	*	840.000	J		
P2548-07	BH5Y4	Solid	Phenanthrene, 1-methyl-	*	430.000	J		
P2548-07	BH5Y4	Solid	Phenanthrene, 2,5-dimethyl-	*	200.000	J		
P2548-07	BH5Y4	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
P2548-07	BH5Y4	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2548-07	BH5Y4	Solid	Pyrene, 1-methyl-	*	100.000	J		
P2548-07	BH5Y4	Solid	unknown-01	*	440.000	J		
P2548-07	BH5Y4	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				5,435.00				
P2548-07	BH5Y4	Solid	Acenaphthene		190.000	J 62	210	ug/Kg
P2548-07	BH5Y4	Solid	Acenaphthylene		81.000	J 57	210	ug/Kg
P2548-07	BH5Y4	Solid	Anthracene		570.000	59	210	ug/Kg
P2548-07	BH5Y4	Solid	Benzo(a)anthracene		1,400.000	49	210	ug/Kg
P2548-07	BH5Y4	Solid	Benzo(a)pyrene		1,300.000	71	210	ug/Kg
P2548-07	BH5Y4	Solid	Benzo(b)fluoranthene		1,700.000	60	210	ug/Kg
P2548-07	BH5Y4	Solid	Benzo(g,h,i)perylene		860.000	57	210	ug/Kg
P2548-07	BH5Y4	Solid	Benzo(k)fluoranthene		450.000	72	210	ug/Kg
P2548-07	BH5Y4	Solid	Bis(2-ethylhexyl)phthalate		240.000	54	210	ug/Kg
P2548-07	BH5Y4	Solid	Butylbenzylphthalate		140.000	J 54	210	ug/Kg
P2548-07	BH5Y4	Solid	Carbazole		310.000	J 76	410	ug/Kg
P2548-07	BH5Y4	Solid	Chrysene		1,400.000	57	210	ug/Kg
P2548-07	BH5Y4	Solid	Dibenzo(a,h)anthracene		230.000	65	210	ug/Kg
P2548-07	BH5Y4	Solid	Dibenzofuran		120.000	J 50	210	ug/Kg
P2548-07	BH5Y4	Solid	Fluoranthene		2,600.000	56	210	ug/Kg
P2548-07	BH5Y4	Solid	Fluorene		160.000	J 72	210	ug/Kg
P2548-07	BH5Y4	Solid	Indeno(1,2,3-cd)pyrene		770.000	56	210	ug/Kg
P2548-07	BH5Y4	Solid	Naphthalene		48.000	J 41	210	ug/Kg
P2548-07	BH5Y4	Solid	Phenanthrene		2,400.000	66	210	ug/Kg
P2548-07	BH5Y4	Solid	Pyrene		2,100.000	57	210	ug/Kg
Total Svoc :				17,069.00				
Total Concentration:				22,504.00				
Client ID : BH5Y6								
P2548-09	BH5Y6	Solid	1-Heneicosyl formate	*	120.000	J		
P2548-09	BH5Y6	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P2548-09	BH5Y6	Solid	13-Docosenamide, (Z)-	*	130.000	J		
P2548-09	BH5Y6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P2548-09	BH5Y6	Solid	n-Hexadecanoic acid	*	190.000	J		
P2548-09	BH5Y6	Solid	Propylene Glycol	*	260.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-09	BH5Y6	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				1,030.00				
P2548-09	BH5Y6	Solid	Benzo(a)anthracene		140.000	J 46	200	ug/Kg
P2548-09	BH5Y6	Solid	Benzo(a)pyrene		140.000	J 68	200	ug/Kg
P2548-09	BH5Y6	Solid	Benzo(b)fluoranthene		180.000	J 57	200	ug/Kg
P2548-09	BH5Y6	Solid	Benzo(g,h,i)perylene		96.000	J 55	200	ug/Kg
P2548-09	BH5Y6	Solid	Chrysene		150.000	J 55	200	ug/Kg
P2548-09	BH5Y6	Solid	Fluoranthene		220.000	53	200	ug/Kg
P2548-09	BH5Y6	Solid	Indeno(1,2,3-cd)pyrene		80.000	J 53	200	ug/Kg
P2548-09	BH5Y6	Solid	Phenanthrene		150.000	J 63	200	ug/Kg
P2548-09	BH5Y6	Solid	Pyrene		200.000	55	200	ug/Kg
Total Svoc :				1,356.00				
Total Concentration:				2,386.00				
Client ID : BH608								
P2548-11	BH608	Solid	11H-Benzo[a]fluoren-11-one	*	92.000	J		
P2548-11	BH608	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P2548-11	BH608	Solid	7H-Benz[de]anthracen-7-one	*	79.000	J		
P2548-11	BH608	Solid	Benzo[e]pyrene	*	210.000	J		
P2548-11	BH608	Solid	n-Hexadecanoic acid	*	250.000	J		
P2548-11	BH608	Solid	unknown-01	*	110.000	J		
P2548-11	BH608	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :				851.00				
P2548-11	BH608	Solid	Acenaphthylene		58.000	J 52	190	ug/Kg
P2548-11	BH608	Solid	Anthracene		61.000	J 53	190	ug/Kg
P2548-11	BH608	Solid	Benzo(a)anthracene		330.000	44	190	ug/Kg
P2548-11	BH608	Solid	Benzo(a)pyrene		350.000	64	190	ug/Kg
P2548-11	BH608	Solid	Benzo(b)fluoranthene		500.000	54	190	ug/Kg
P2548-11	BH608	Solid	Benzo(g,h,i)perylene		250.000	52	190	ug/Kg
P2548-11	BH608	Solid	Benzo(k)fluoranthene		130.000	J 65	190	ug/Kg
P2548-11	BH608	Solid	Chrysene		380.000	52	190	ug/Kg
P2548-11	BH608	Solid	Dibenzo(a,h)anthracene		67.000	J 59	190	ug/Kg
P2548-11	BH608	Solid	Fluoranthene		530.000	51	190	ug/Kg
P2548-11	BH608	Solid	Indeno(1,2,3-cd)pyrene		220.000	51	190	ug/Kg
P2548-11	BH608	Solid	Phenanthrene		260.000	60	190	ug/Kg
P2548-11	BH608	Solid	Pyrene		490.000	52	190	ug/Kg
Total Svoc :				3,626.00				
Total Concentration:				4,477.00				
Client ID : BH609								
P2548-12	BH609	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P2548-12	BH609	Solid	Perylene	*	220.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-12	BH609	Solid	unknown-01	*	91.000	J		
P2548-12	BH609	Solid	Total Alkanes	*	0.000	60	220	ug/Kg
Total Tics :				431.00				
P2548-12	BH609	Solid	Acenaphthylene		79.000	J	60	220 ug/Kg
P2548-12	BH609	Solid	Anthracene		76.000	J	62	220 ug/Kg
P2548-12	BH609	Solid	Benzo(a)anthracene		340.000		51	220 ug/Kg
P2548-12	BH609	Solid	Benzo(a)pyrene		370.000		75	220 ug/Kg
P2548-12	BH609	Solid	Benzo(b)fluoranthene		500.000		63	220 ug/Kg
P2548-12	BH609	Solid	Benzo(g,h,i)perylene		270.000		60	220 ug/Kg
P2548-12	BH609	Solid	Benzo(k)fluoranthene		150.000	J	76	220 ug/Kg
P2548-12	BH609	Solid	Bis(2-ethylhexyl)phthalate		91.000	J	57	220 ug/Kg
P2548-12	BH609	Solid	Chrysene		410.000		60	220 ug/Kg
P2548-12	BH609	Solid	Fluoranthene		540.000		59	220 ug/Kg
P2548-12	BH609	Solid	Indeno(1,2,3-cd)pyrene		220.000		59	220 ug/Kg
P2548-12	BH609	Solid	Phenanthrene		290.000		70	220 ug/Kg
P2548-12	BH609	Solid	Pyrene		520.000		60	220 ug/Kg
Total Svoc :				3,856.00				
Total Concentration:				4,287.00				
Client ID : BH610								
P2548-13	BH610	Solid	11H-Benzo[a]fluoren-11-one	*	85.000	J		
P2548-13	BH610	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P2548-13	BH610	Solid	Anthracene, 2-methyl-	*	110.000	J		
P2548-13	BH610	Solid	Benzo[e]pyrene	*	340.000	J		
P2548-13	BH610	Solid	Cyclopenta(def)phenanthrenone	*	99.000	J		
P2548-13	BH610	Solid	Cyclopenta[cd]pyrene	*	110.000	J		
P2548-13	BH610	Solid	Phenanthrene, 2-methyl-	*	230.000	J		
P2548-13	BH610	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J		
P2548-13	BH610	Solid	Phenanthrene, 4-methyl-	*	85.000	J		
P2548-13	BH610	Solid	Total Alkanes	*	0.000		58	210 ug/Kg
P2548-13	BH610	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	260.000	J		
P2548-13	BH610	Solid	n-Hexadecanoic acid	*	110.000	J		
P2548-13	BH610	Solid	Total Alkanes	*	0.000		58	210 ug/Kg
Total Tics :				1,719.00				
P2548-13	BH610	Solid	Acenaphthylene		110.000	J	58	210 ug/Kg
P2548-13	BH610	Solid	Anthracene		110.000	J	59	210 ug/Kg
P2548-13	BH610	Solid	Benzo(a)anthracene		510.000		49	210 ug/Kg
P2548-13	BH610	Solid	Benzo(a)pyrene		540.000		72	210 ug/Kg
P2548-13	BH610	Solid	Benzo(b)fluoranthene		700.000		60	210 ug/Kg
P2548-13	BH610	Solid	Benzo(g,h,i)perylene		380.000		58	210 ug/Kg
P2548-13	BH610	Solid	Benzo(k)fluoranthene		270.000		73	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-13	BH610	Solid	Bis(2-ethylhexyl)phthalate	70.000	J	54	210	ug/Kg
P2548-13	BH610	Solid	Chrysene	590.000		58	210	ug/Kg
P2548-13	BH610	Solid	Dibenzo(a,h)anthracene	100.000	J	65	210	ug/Kg
P2548-13	BH610	Solid	Fluoranthene	780.000		57	210	ug/Kg
P2548-13	BH610	Solid	Indeno(1,2,3-cd)pyrene	330.000		57	210	ug/Kg
P2548-13	BH610	Solid	Phenanthrene	430.000		67	210	ug/Kg
P2548-13	BH610	Solid	Pyrene	740.000		58	210	ug/Kg
P2548-13	BH610	Solid	Benzo(a)anthracene	130.000	J	49	210	ug/Kg
P2548-13	BH610	Solid	Benzo(a)pyrene	140.000	J	72	210	ug/Kg
P2548-13	BH610	Solid	Benzo(b)fluoranthene	170.000	J	60	210	ug/Kg
P2548-13	BH610	Solid	Benzo(g,h,i)perylene	91.000	J	58	210	ug/Kg
P2548-13	BH610	Solid	Benzo(k)fluoranthene	74.000	J	73	210	ug/Kg
P2548-13	BH610	Solid	Chrysene	150.000	J	58	210	ug/Kg
P2548-13	BH610	Solid	Fluoranthene	200.000	J	57	210	ug/Kg
P2548-13	BH610	Solid	Indeno(1,2,3-cd)pyrene	78.000	J	57	210	ug/Kg
P2548-13	BH610	Solid	Phenanthrene	110.000	J	67	210	ug/Kg
P2548-13	BH610	Solid	Pyrene	190.000	J	58	210	ug/Kg
Total Svoc :				6,993.00				
Total Concentration:				8,712.00				

Client ID : BH616

P2548-21	BH616	Solid	Benzo[e]pyrene	*	150.000	J		
P2548-21	BH616	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				150.00				
P2548-21	BH616	Solid	Acenaphthylene		62.000	J	55	200
P2548-21	BH616	Solid	Benzo(a)anthracene		220.000		46	200
P2548-21	BH616	Solid	Benzo(a)pyrene		230.000		68	200
P2548-21	BH616	Solid	Benzo(b)fluoranthene		310.000		57	200
P2548-21	BH616	Solid	Benzo(g,h,i)perylene		160.000	J	55	200
P2548-21	BH616	Solid	Benzo(k)fluoranthene		100.000	J	69	200
P2548-21	BH616	Solid	Chrysene		240.000		55	200
P2548-21	BH616	Solid	Fluoranthene		330.000		53	200
P2548-21	BH616	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	53	200
P2548-21	BH616	Solid	Phenanthrene		170.000	J	63	200
P2548-21	BH616	Solid	Pyrene		310.000		55	200
Total Svoc :				2,272.00				
Total Concentration:				2,422.00				

Client ID : BH617

P2548-22	BH617	Solid	4,4-Bis(tetrahydrothiopyran)	*	130.000	J		
P2548-22	BH617	Solid	n-Hexadecanoic acid	*	89.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-22	BH617	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :						219.00		
P2548-22	BH617	Solid	Benzo(a)anthracene	59.000	J	45	200	ug/Kg
P2548-22	BH617	Solid	Benzo(b)fluoranthene	89.000	J	56	200	ug/Kg
P2548-22	BH617	Solid	Chrysene	68.000	J	54	200	ug/Kg
P2548-22	BH617	Solid	Fluoranthene	90.000	J	52	200	ug/Kg
P2548-22	BH617	Solid	Pyrene	83.000	J	54	200	ug/Kg
Total Svoc :						389.00		
Total Concentration:						608.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.543	0.530	0.553	0.523	0.511		0.532	3.1
Benzaldehyde		0.985	0.937	0.961	0.782	0.551	0.843	21.5
Pyridine		1.460	1.443	1.443	1.339	1.244	1.386	6.7
Hexachloroethane	0.550	0.573	0.574	0.584	0.561		0.568	2.3
Nitrobenzene	0.368	0.373	0.374	0.379	0.361		0.371	1.8
Isophorone	0.682	0.736	0.679	0.737	0.693		0.705	4.1
2-Nitrophenol	0.140	0.154	0.161	0.176	0.174		0.161	9.1
2,4-Dimethylphenol	0.327	0.325	0.327	0.339	0.327		0.329	1.6
Bis(2-Chloroethoxy)methane	0.452	0.466	0.438	0.455	0.436		0.450	2.8
2,4-Dichlorophenol	0.272	0.280	0.278	0.290	0.281		0.280	2.3
Naphthalene	1.059	1.052	1.035	1.031	0.970		1.029	3.4
4-Chloroaniline		0.430	0.396	0.418	0.391	0.352	0.398	7.5
Hexachlorobutadiene	0.170	0.173	0.175	0.172	0.168		0.171	1.6
Phenol		1.729	1.737	1.787	1.726	1.481	1.692	7.1
Caprolactam		0.094	0.077	0.096	0.095	0.092	0.091	8.3
4-Chloro-3-methylphenol	0.285	0.317	0.288	0.322	0.309		0.304	5.5
1-Methylnaphthalene	0.673	0.707	0.642	0.684	0.627		0.667	4.8
2-Methylnaphthalene	0.680	0.709	0.658	0.685	0.636		0.674	4.1
Hexachlorocyclopentadiene		0.307	0.337	0.349	0.355	0.348	0.339	5.6
2,4,6-Trichlorophenol	0.313	0.338	0.347	0.377	0.374		0.350	7.6
2,4,5-Trichlorophenol	0.344	0.373	0.379	0.400	0.397		0.379	6.0
1,1-Biphenyl	1.440	1.462	1.475	1.465	1.367		1.442	3.0
2-Chloronaphthalene	1.148	1.164	1.164	1.142	1.090		1.142	2.7
2-Nitroaniline	0.252	0.295	0.295	0.328	0.324		0.299	10.3
Bis(2-Chloroethyl)ether		1.460	1.442	1.481	1.400	1.238	1.404	6.9
Dimethylphthalate	1.233	1.361	1.239	1.329	1.269		1.286	4.4
2,6-Dinitrotoluene	0.194	0.244	0.231	0.277	0.279		0.245	14.3
Acenaphthylene	1.810	1.914	1.853	1.837	1.704		1.824	4.2
3-Nitroaniline		0.270	0.266	0.294	0.283	0.278	0.278	3.9
Acenaphthene	1.195	1.221	1.171	1.196	1.125		1.182	3.1
2,4-Dinitrophenol		0.083	0.081	0.115	0.132	0.152	0.113	27.4
4-Nitrophenol		0.184	0.167	0.181	0.178	0.189	0.180	4.5
Dibenzofuran	1.588	1.645	1.579	1.596	1.478		1.577	3.9
2,4-Dinitrotoluene	0.262	0.339	0.313	0.364	0.364		0.328	13.0
Diethylphthalate	1.119	1.316	1.153	1.265	1.206		1.212	6.6
2-Chlorophenol	1.282	1.343	1.334	1.374	1.320		1.330	2.5

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.265	1.347	1.254	1.234	1.078		1.236	7.9
4-Chlorophenyl-phenylether	0.604	0.649	0.592	0.600	0.529		0.595	7.2
4-Nitroaniline		0.261	0.245	0.261	0.236	0.245	0.250	4.4
4,6-Dinitro-2-methylphenol		0.077	0.078	0.101	0.108	0.110	0.095	16.9
N-Nitrosodiphenylamine	0.587	0.600	0.588	0.595	0.575		0.589	1.6
1,2,4,5-Tetrachlorobenzene	0.571	0.554	0.578	0.571	0.556		0.566	1.9
4-Bromophenyl-phenylether	0.190	0.201	0.203	0.208	0.206		0.201	3.4
Hexachlorobenzene	0.212	0.223	0.213	0.222	0.216		0.217	2.3
Atrazine		0.177	0.149	0.168	0.154	0.144	0.158	8.7
Pentachlorophenol		0.113	0.115	0.129	0.133	0.130	0.124	7.8
2-Methylphenol		1.279	1.259	1.360	1.318	1.123	1.268	7.1
Phenanthrene	1.030	1.055	1.035	1.010	0.945		1.015	4.2
Pentachlorobenzene	0.293	0.277	0.291	0.296	0.282		0.288	2.8
Anthracene	1.020	1.071	1.033	1.028	0.939		1.018	4.8
1,2,3,4-Tetrachlorobenzene	0.326	0.282	0.341	0.323	0.317		0.318	6.8
Carbazole		0.919	0.913	0.883	0.826	0.804	0.869	5.9
Di-n-butylphthalate	0.935	1.032	1.007	1.018	0.996		0.998	3.7
Fluoranthene	1.436	1.759	1.350	1.661	1.548		1.551	10.7
Pyrene	1.564	1.766	1.458	1.642	1.520		1.590	7.5
Butylbenzylphthalate	0.463	0.546	0.489	0.596	0.605		0.540	11.7
3,3-Dichlorobenzidine		0.379	0.388	0.412	0.399	0.344	0.385	6.7
2,2-oxybis (1-Chloropropane)		1.726	1.664	1.727	1.611	1.381	1.622	8.8
Benzo (a) anthracene	1.300	1.357	1.326	1.395	1.347		1.345	2.6
Chrysene	1.207	1.283	1.218	1.281	1.223		1.242	2.9
Bis (2-ethylhexyl) phthalate	0.648	0.725	0.723	0.800	0.799		0.739	8.6
Di-n-octyl phthalate		1.096	1.078	1.219	1.256	1.067	1.143	7.7
Benzo (b) fluoranthene	1.108	1.144	1.130	1.246	1.208		1.167	4.9
Benzo (k) fluoranthene	1.101	1.204	1.181	1.228	1.234		1.190	4.5
Benzo (a) pyrene	1.025	1.092	1.123	1.193	1.173		1.121	6.0
Indeno (1,2,3-cd) pyrene	1.236	1.251	1.350	1.412	1.478		1.346	7.7
Dibenzo (a,h) anthracene	1.031	1.031	1.113	1.154	1.211		1.108	7.1
Benzo (g,h,i) perylene	1.043	1.020	1.131	1.164	1.201		1.112	7.0
Acetophenone		2.197	2.027	2.154	1.971	1.591	1.988	12.1
2,3,4,6-Tetrachlorophenol	0.243	0.283	0.262	0.294	0.294		0.275	8.0
1,4-Dioxane-d8	0.532	0.504	0.517	0.496	0.474		0.505	4.4
Pyridine-d5		1.486	1.465	1.457	1.359	1.273	1.408	6.4

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.: BN052124 SAS No.: BN052124 SDG No.: BN052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 11:53 _____

LAB FILE ID:		RRFAL1 = BN031595.D			RRFAL2 = BN031596.D		RRFAL3 = BN031597.D	
		RRFAL4 = BN031598.D			RRFAL5 = BN031599.D		RRFAL6 = BN031600.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.653	1.666	1.730	1.688	1.496	1.646	5.4
Bis-(2-Chloroethyl)ether-d8		1.034	1.014	1.043	0.981	0.865	0.987	7.3
2-Chlorophenol-d4	1.199	1.262	1.274	1.321	1.287		1.269	3.5
4-Methylphenol-d8		1.288	1.248	1.389	1.331	1.116	1.275	8.1
Nitrobenzene-d5	0.142	0.149	0.151	0.158	0.157		0.151	4.5
2-Nitrophenol-d4	0.123	0.135	0.141	0.159	0.165		0.145	12.0
2,4-Dichlorophenol-d3	0.266	0.286	0.277	0.297	0.287		0.283	4.2
4-Chloroaniline-d4		0.442	0.400	0.432	0.398	0.366	0.407	7.4
4-Methylphenol		1.397	1.335	1.460	1.390	1.152	1.347	8.7
Dimethylphthalate-d6	1.190	1.339	1.215	1.305	1.253		1.260	4.9
Acenaphthylene-d8	1.526	1.619	1.599	1.634	1.521		1.580	3.3
4-Nitrophenol-d4		0.231	0.218	0.244	0.244	0.255	0.238	6.0
Fluorene-d10	1.076	1.144	1.078	1.114	1.049		1.092	3.4
4,6-Dinitro-2-methylphenol-		0.067	0.068	0.091	0.102	0.104	0.086	20.8
Anthracene-d10	0.838	0.877	0.854	0.851	0.813		0.847	2.8
Pyrene-d10	1.204	1.408	1.130	1.288	1.242		1.255	8.2
Benzo(a)pyrene-d12	0.872	0.913	0.916	0.991	1.015		0.941	6.3
N-Nitroso-di-n-propylamine	0.987	1.096	0.981	1.076	0.967		1.021	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020247 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	477170	7.693	1.92628e+06	10.48	1.04031e+006	14.33
UPPER LIMIT	954340	8.193	3852560	10.975	2080620	14.828
LOWER LIMIT	238585	7.193	963140	9.975	520155	13.828
EPA SAMPLE NO.						
01 SBLK058	687601	7.69	3.0567e+	10.47	1.91223e	14.33
02 BH5W9DL	483290	7.69	2.0352e+	10.47	1.12979e	14.33
03 BH5X4DL	473914	7.69	1.79871e	10.47	979993	14.33
04 BH5Y2	526664	7.69	2.18241e	10.47	1.16308e	14.33
05 BH5Y4	491255	7.69	1.96449e	10.47	1.0025e+	14.33
06 BH608	421639	7.69	1.58016e	10.47	853941	14.33
07 BH5Y6	453816	7.69	1.80089e	10.48	904617	14.33
08 BH616	403639	7.69	1.51978e	10.47	770834	14.33
09 BH609	408816	7.69	1.52139e	10.47	762561	14.33
10 BH610	437605	7.69	1.67316e	10.47	838916	14.33
11 BH5X9	488811	7.69	1.98426e	10.48	1.009e+0	14.33
12 BH610	412687	7.69	1.59155e	10.48	880971	14.33
13 BH617	471889	7.69	1.78762e	10.47	881360	14.33
14 BH5Y0	512130	7.69	2.07444e	10.47	1.02455e	14.33
15 BH5X9DL	495099	7.69	1.94301e	10.47	954642	14.33

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.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020261 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031651.D Time Analyzed: 09:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	585093	7.687	2.38364e+00	10.48	1.27802e+00	14.33
UPPER LIMIT	1170186	8.187	4767280	10.975	2556040	14.828
LOWER LIMIT	292546.5	7.187	1191820	9.975	639010	13.828
EPA SAMPLE NO.						
01 SBLK058	687601	7.69	3.0567e+	10.47	1.91223e	14.33
02 BH5W9DL	483290	7.69	2.0352e+	10.47	1.12979e	14.33
03 BH5X4DL	473914	7.69	1.79871e	10.47	979993	14.33
04 BH5Y2	526664	7.69	2.18241e	10.47	1.16308e	14.33
05 BH5Y4	491255	7.69	1.96449e	10.47	1.0025e+	14.33
06 BH608	421639	7.69	1.58016e	10.47	853941	14.33
07 BH5Y6	453816	7.69	1.80089e	10.48	904617	14.33
08 BH616	403639	7.69	1.51978e	10.47	770834	14.33
09 BH609	408816	7.69	1.52139e	10.47	762561	14.33
10 BH610	437605	7.69	1.67316e	10.47	838916	14.33
11 BH5X9	488811	7.69	1.98426e	10.48	1.009e+0	14.33
12 BH610	412687	7.69	1.59155e	10.48	880971	14.33
13 BH617	471889	7.69	1.78762e	10.47	881360	14.33
14 BH5Y0	512130	7.69	2.07444e	10.47	1.02455e	14.33
15 BH5X9DL	495099	7.69	1.94301e	10.47	954642	14.33

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.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020247 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.74209e+01	17.075	1.32825e+	21.304	1.42727e+01	24.233
	UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
	LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
	EPA SAMPLE NO.						
01	SBLK058	3.60878*	17.07	2.35178e+	21.30	2.57288e+	24.23
02	BH5W9DL	1.79471	17.07	1.29375e+	21.30	1.53005e+	24.23
03	BH5X4DL	1.8845e	17.08	1.70519e+	21.30	2.12317e+	24.24
04	BH5Y2	1.85922	17.07	1.41712e+	21.30	1.74854e+	24.25
05	BH5Y4	1.66285	17.07	1.42687e+	21.30	1.79037e+	24.25
06	BH608	1.63021	17.07	1.4872e+0	21.30	1.86128e+	24.24
07	BH5Y6	1.51816	17.07	1.34735e+	21.30	1.67138e+	24.24
08	BH616	1.34695	17.07	1.29185e+	21.30	1.57145e+	24.23
09	BH609	1.34361	17.07	1.27253e+	21.30	1.55677e+	24.25
10	BH610	1.39525	17.07	1.26148e+	21.30	1.55546e+	24.24
11	BH5X9	1.57115	17.08	1.23613e+	21.30	1.55751e+	24.25
12	BH610	1.74024	17.07	1.65954e+	21.30	1.98321e+	24.24
13	BH617	1.62394	17.07	1.48052e+	21.30	1.81355e+	24.24
14	BH5Y0	1.62113	17.08	1.36077e+	21.30	1.67584e+	24.24
15	BH5X9DL	1.51868	17.07	1.31663e+	21.30	1.59661e+	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020247 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 18:18

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	1.74209e+01	17.075	1.32825e+01	21.304	1.42727e+01	24.233
UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
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.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020261 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031651.D Time Analyzed: 09:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.09378e+01	17.069	1.73444e+	21.298	2.15211e+01	24.233
	UPPER LIMIT	4187560	17.569	3468880	21.798	4304220	24.733
	LOWER LIMIT	1046890	16.569	867220	20.798	1076055	23.733
	EPA SAMPLE NO.						
01	SBLK058	3.60878	17.07	2.35178e+	21.30	2.57288e+	24.23
02	BH5W9DL	1.79471	17.07	1.29375e+	21.30	1.53005e+	24.23
03	BH5X4DL	1.8845e	17.08	1.70519e+	21.30	2.12317e+	24.24
04	BH5Y2	1.85922	17.07	1.41712e+	21.30	1.74854e+	24.25
05	BH5Y4	1.66285	17.07	1.42687e+	21.30	1.79037e+	24.25
06	BH608	1.63021	17.07	1.4872e+0	21.30	1.86128e+	24.24
07	BH5Y6	1.51816	17.07	1.34735e+	21.30	1.67138e+	24.24
08	BH616	1.34695	17.07	1.29185e+	21.30	1.57145e+	24.23
09	BH609	1.34361	17.07	1.27253e+	21.30	1.55677e+	24.25
10	BH610	1.39525	17.07	1.26148e+	21.30	1.55546e+	24.24
11	BH5X9	1.57115	17.08	1.23613e+	21.30	1.55751e+	24.25
12	BH610	1.74024	17.07	1.65954e+	21.30	1.98321e+	24.24
13	BH617	1.62394	17.07	1.48052e+	21.30	1.81355e+	24.24
14	BH5Y0	1.62113	17.08	1.36077e+	21.30	1.67584e+	24.24
15	BH5X9DL	1.51868	17.07	1.31663e+	21.30	1.59661e+	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052424 SAS No.: BN052424 SDG NO.: BN052424

EPA Sample No.: SSTD020261 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BN031651.D Time Analyzed: 18:18

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	2.09378e+01	17.069	1.73444e+01	21.298	2.15211e+01	24.233
UPPER LIMIT	4187560	17.569	3468880	21.798	4304220	24.733
LOWER LIMIT	1046890	16.569	867220	20.798	1076055	23.733
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK058

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052424

SAS No.: BN052424 SDG NO.: BN052424

Lab File ID: BN031652.D

Lab Sample ID: PB161058BL

Instrument ID: BNA_N

Date Extracted: 05/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/24/2024

Level: (low/med) LOW

Time Analyzed: 09:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5Y2	P2548-05	BN031655.D	05/24/2024
BH5Y4	P2548-07	BN031656.D	05/24/2024
BH608	P2548-11	BN031657.D	05/24/2024
BH5Y6	P2548-09	BN031658.D	05/24/2024
BH616	P2548-21	BN031659.D	05/24/2024
BH609	P2548-12	BN031660.D	05/24/2024
BH610	P2548-13	BN031661.D	05/24/2024
BH5X9	P2548-02	BN031662.D	05/24/2024
BH610	P2548-13	BN031663.D	05/24/2024
BH617	P2548-22	BN031664.D	05/24/2024
BH5Y0	P2548-03	BN031665.D	05/24/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-12DL	BH5W9DL	BN031653.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	18.42	46		20	120
			Phenol-d5	40	21.46	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.88	57		10	150
			2-Chlorophenol-d4	40	21.72	54		15	120
			4-Methylphenol-d8	40	19.53	49		10	140
			Nitrobenzene-d5	40	19.76	49		10	135
			2-Nitrophenol-d4	40	17.52	44		10	120
			2,4-Dichlorophenol-d3	40	20.16	50		10	140
			4-Chloroaniline-d4	40	20.79	52		1	145
			Dimethylphthalate-d6	40	24.04	60		10	145
			Acenaphthylene-d8	40	22.53	56		15	120
			4-Nitrophenol-d4	40	9.71	24		10	150
			Fluorene-d10	40	23.34	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.19	23		10	130
			Anthracene-d10	40	24.69	62		10	150
			Pyrene-d10	40	22.37	56		10	130
			Benzo(a)pyrene-d12	40	23.96	60		10	140
P2547-17DL	BH5X4DL	BN031654.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	12.33	31		20	120
			Phenol-d5	40	17.69	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.79	47		10	150
			2-Chlorophenol-d4	40	18.82	47		15	120
			4-Methylphenol-d8	40	16.45	41		10	140
			Nitrobenzene-d5	40	18.54	46		10	135
			2-Nitrophenol-d4	40	17.06	43		10	120
			2,4-Dichlorophenol-d3	40	18.39	46		10	140
			4-Chloroaniline-d4	40	15.16	38		1	145
			Dimethylphthalate-d6	40	22.02	55		10	145
			Acenaphthylene-d8	40	21.03	53		15	120
			4-Nitrophenol-d4	40	13.14	33		10	150
			Fluorene-d10	40	22.58	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.30	26		10	130
			Anthracene-d10	40	23.20	58		10	150
			Pyrene-d10	40	20.86	52		10	130
			Benzo(a)pyrene-d12	40	23.46	59		10	140

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-02	BH5X9	BN031662.D	1,4-Dioxane-d8	8	1.94	24		15	120
			Pyridine-d5	40	5.86	15	*	20	120
			Phenol-d5	40	11.38	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.86	30		10	150
			2-Chlorophenol-d4	40	12.08	30		15	120
			4-Methylphenol-d8	40	9.44	24		10	140
			Nitrobenzene-d5	40	11.72	29		10	135
			2-Nitrophenol-d4	40	11.34	28		10	120
			2,4-Dichlorophenol-d3	40	11.11	28		10	140
			4-Chloroaniline-d4	40	5.95	15		1	145
			Dimethylphthalate-d6	40	12.86	32		10	145
			Acenaphthylene-d8	40	12.70	32		15	120
			4-Nitrophenol-d4	40	5.93	15		10	150
			Fluorene-d10	40	11.86	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.84	12		10	130
			Anthracene-d10	40	12.55	31		10	150
			Pyrene-d10	40	11.37	28		10	130
			Benzo(a)pyrene-d12	40	12.83	32		10	140
P2548-02DL	BH5X9DL	BN031666.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Pyridine-d5	40	5.74	14	*	20	120
			Phenol-d5	40	11.28	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.23	31		10	150
			2-Chlorophenol-d4	40	12.08	30		15	120
			4-Methylphenol-d8	40	9.25	23		10	140
			Nitrobenzene-d5	40	11.70	29		10	135
			2-Nitrophenol-d4	40	10.87	27		10	120
			2,4-Dichlorophenol-d3	40	10.91	27		10	140
			4-Chloroaniline-d4	40	5.60	14		1	145
			Dimethylphthalate-d6	40	13.14	33		10	145
			Acenaphthylene-d8	40	12.67	32		15	120
			4-Nitrophenol-d4	40	5.15	13		10	150
			Fluorene-d10	40	12.47	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.74	12		10	130
			Anthracene-d10	40	13.06	33		10	150
			Pyrene-d10	40	11.27	28		10	130
			Benzo(a)pyrene-d12	40	13.32	33		10	140
P2548-03	BH5Y0	BN031665.D	1,4-Dioxane-d8	8	1.09	14	*	15	120
			Pyridine-d5	40	0.55	1	*	20	120
			Phenol-d5	40	6.26	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.01	18		10	150
			2-Chlorophenol-d4	40	6.76	17		15	120
			4-Methylphenol-d8	40	5.27	13		10	140
			Nitrobenzene-d5	40	6.47	16		10	135
			2-Nitrophenol-d4	40	5.89	15		10	120
			2,4-Dichlorophenol-d3	40	5.94	15		10	140
			4-Chloroaniline-d4	40	2.51	6		1	145
			Dimethylphthalate-d6	40	7.34	18		10	145
			Acenaphthylene-d8	40	7.09	18		15	120
			4-Nitrophenol-d4	40	2.26	6	*	10	150

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-03	BH5Y0	BN031665.D	Fluorene-d10	40	6.96	17	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.64	7	*	10	130
			Anthracene-d10	40	7.21	18		10	150
			Pyrene-d10	40	6.67	17		10	130
			Benzo(a)pyrene-d12	40	7.63	19		10	140
P2548-05	BH5Y2	BN031655.D	1,4-Dioxane-d8	8	3.40	43		15	120
			Pyridine-d5	40	16.06	40		20	120
			Phenol-d5	40	22.46	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.51	54		10	150
			2-Chlorophenol-d4	40	22.14	55		15	120
			4-Methylphenol-d8	40	22.56	56		10	140
			Nitrobenzene-d5	40	22.65	57		10	135
			2-Nitrophenol-d4	40	22.96	57		10	120
			2,4-Dichlorophenol-d3	40	22.89	57		10	140
			4-Chloroaniline-d4	40	22.31	56		1	145
			Dimethylphthalate-d6	40	27.06	68		10	145
			Acenaphthylene-d8	40	25.76	64		15	120
			4-Nitrophenol-d4	40	18.25	46		10	150
			Fluorene-d10	40	25.54	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.88	40		10	130
			Anthracene-d10	40	26.14	65		10	150
			Pyrene-d10	40	22.83	57		10	130
			Benzo(a)pyrene-d12	40	26.74	67		10	140
			1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	9.42	24		20	120
P2548-07	BH5Y4	BN031656.D	Phenol-d5	40	15.12	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.51	39		10	150
			2-Chlorophenol-d4	40	16.06	40		15	120
			4-Methylphenol-d8	40	12.88	32		10	140
			Nitrobenzene-d5	40	15.57	39		10	135
			2-Nitrophenol-d4	40	15.70	39		10	120
			2,4-Dichlorophenol-d3	40	15.16	38		10	140
			4-Chloroaniline-d4	40	9.25	23		1	145
			Dimethylphthalate-d6	40	17.83	45		10	145
			Acenaphthylene-d8	40	17.31	43		15	120
			4-Nitrophenol-d4	40	11.05	28		10	150
			Fluorene-d10	40	17.39	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.53	24		10	130
			Anthracene-d10	40	18.36	46		10	150
			Pyrene-d10	40	16.25	41		10	130
			Benzo(a)pyrene-d12	40	19.17	48		10	140
			1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	17.54	44		20	120
			Phenol-d5	40	22.81	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.48	56		10	150
P2548-09	BH5Y6	BN031658.D	2-Chlorophenol-d4	40	23.33	58		15	120
			4-Methylphenol-d8	40	21.92	55		10	140
			Nitrobenzene-d5	40	23.81	60		10	135
			2-Nitrophenol-d4	40	24.14	60		10	120

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-09	BH5Y6	BN031658.D	2,4-Dichlorophenol-d3	40	22.30	56		10	140
			4-Chloroaniline-d4	40	22.02	55		1	145
			Dimethylphthalate-d6	40	26.05	65		10	145
			Acenaphthylene-d8	40	25.49	64		15	120
			4-Nitrophenol-d4	40	18.35	46		10	150
			Fluorene-d10	40	24.94	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.23	38		10	130
			Anthracene-d10	40	25.25	63		10	150
			Pyrene-d10	40	21.81	55		10	130
			Benzo(a)pyrene-d12	40	26.02	65		10	140
P2548-11	BH608	BN031657.D	Pyridine-d5	40	15.72	39		20	120
			1,4-Dioxane-d8	8	3.92	49		15	120
			Phenol-d5	40	19.97	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.12	50		10	150
			2-Chlorophenol-d4	40	21.29	53		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	21.28	53		10	135
			2-Nitrophenol-d4	40	21.32	53		10	120
			2,4-Dichlorophenol-d3	40	20.32	51		10	140
			4-Chloroaniline-d4	40	18.03	45		1	145
			Dimethylphthalate-d6	40	21.76	54		10	145
			Acenaphthylene-d8	40	22.12	55		15	120
			4-Nitrophenol-d4	40	16.79	42		10	150
			Fluorene-d10	40	22.89	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.88	35		10	130
			Anthracene-d10	40	23.20	58		10	150
			Pyrene-d10	40	19.82	50		10	130
P2548-12	BH609	BN031660.D	Benzo(a)pyrene-d12	40	23.15	58		10	140
			1,4-Dioxane-d8	8	2.31	29		15	120
			Pyridine-d5	40	7.17	18	*	20	120
			Phenol-d5	40	11.98	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.43	31		10	150
			2-Chlorophenol-d4	40	12.81	32		15	120
			4-Methylphenol-d8	40	10.48	26		10	140
			Nitrobenzene-d5	40	12.96	32		10	135
			2-Nitrophenol-d4	40	12.22	31		10	120
			2,4-Dichlorophenol-d3	40	12.12	30		10	140
			4-Chloroaniline-d4	40	9.59	24		1	145
			Dimethylphthalate-d6	40	14.88	37		10	145
			Acenaphthylene-d8	40	14.67	37		15	120
			4-Nitrophenol-d4	40	8.66	22		10	150
			Fluorene-d10	40	14.26	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.83	17		10	130
			Anthracene-d10	40	15.79	39		10	150
P2548-13	BH610	BN031661.D	Pyrene-d10	40	13.00	33		10	130
			Benzo(a)pyrene-d12	40	15.87	40		10	140
			1,4-Dioxane-d8	8	3.56	45		15	120
			Pyridine-d5	40	14.50	36		20	120
		BN031663.D	1,4-Dioxane-d8	8	3.12	39		15	120

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-13	BH610	BN031663.D	Pyridine-d5	40	15.37	38		20	120
			Phenol-d5	40	17.46	44		10	130
		BN031661.D	Phenol-d5	40	19.56	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.33	51		10	150
		BN031663.D	Bis(2-Chloroethyl)ether-d8	40	17.24	43		10	150
			2-Chlorophenol-d4	40	18.11	45		15	120
		BN031661.D	2-Chlorophenol-d4	40	20.68	52		15	120
			4-Methylphenol-d8	40	16.38	41		10	140
		BN031663.D	4-Methylphenol-d8	40	17.08	43		10	140
			Nitrobenzene-d5	40	18.58	46		10	135
		BN031661.D	Nitrobenzene-d5	40	21.23	53		10	135
			2-Nitrophenol-d4	40	21.07	53		10	120
		BN031663.D	2-Nitrophenol-d4	40	18.41	46		10	120
			2,4-Dichlorophenol-d3	40	19.60	49		10	140
		BN031663.D	2,4-Dichlorophenol-d3	40	18.18	45		10	140
			4-Chloroaniline-d4	40	16.48	41		1	145
		BN031663.D	4-Chloroaniline-d4	40	18.95	47		1	145
			Dimethylphthalate-d6	40	21.41	54		10	145
		BN031661.D	Dimethylphthalate-d6	40	22.64	57		10	145
			Acenaphthylene-d8	40	22.00	55		15	120
		BN031663.D	Acenaphthylene-d8	40	20.91	52		15	120
			4-Nitrophenol-d4	40	15.02	38		10	150
		BN031661.D	4-Nitrophenol-d4	40	13.48	34		10	150
			Fluorene-d10	40	21.55	54		20	140
		BN031663.D	Fluorene-d10	40	21.69	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.41	26		10	130
		BN031661.D	4,6-Dinitro-2-methylphenol-d2	40	11.41	29		10	130
			Anthracene-d10	40	22.72	57		10	150
		BN031663.D	Anthracene-d10	40	21.37	53		10	150
			Pyrene-d10	40	18.73	47		10	130
		BN031661.D	Pyrene-d10	40	18.99	47		10	130
			Benzo(a)pyrene-d12	40	24.23	61		10	140
		BN031663.D	Benzo(a)pyrene-d12	40	22.41	56		10	140
P2548-21	BH616	BN031659.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.38	5	*	15	120
			Phenol-d5	40	0.29	1	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.34	1	*	10	150
			2-Chlorophenol-d4	40	0.31	1	*	15	120
			4-Methylphenol-d8	40	0.26	1	*	10	140
			Nitrobenzene-d5	40	0.33	1	*	10	135
			2-Nitrophenol-d4	40	0.28	1	*	10	120
			2,4-Dichlorophenol-d3	40	0.30	1	*	10	140
			4-Chloroaniline-d4	40	0.35	1		1	145
			Dimethylphthalate-d6	40	0.39	1	*	10	145
			Acenaphthylene-d8	40	0.35	1	*	15	120
			4-Nitrophenol-d4	40	0.18	0	*	10	150
			Fluorene-d10	40	0.38	1	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.11	0	*	10	130
			Anthracene-d10	40	0.42	1	*	10	150

Surrogate Summary

SW-846

SDG No.: BN052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-21	BH616	BN031659.D	Pyrene-d10	40	0.34	1	*	10	130
			Benzo(a)pyrene-d12	40	0.42	1	*	10	140
P2548-22	BH617	BN031664.D	1,4-Dioxane-d8	8	0.36	5	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.25	1	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.32	1	*	10	150
			2-Chlorophenol-d4	40	0.25	1	*	15	120
			4-Methylphenol-d8	40	0.22	1	*	10	140
			Nitrobenzene-d5	40	0.26	1	*	10	135
			2-Nitrophenol-d4	40	0.20	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.24	1	*	10	140
			4-Chloroaniline-d4	40	0.24	1		1	145
			Dimethylphthalate-d6	40	0.29	1	*	10	145
			Acenaphthylene-d8	40	0.27	1	*	15	120
			4-Nitrophenol-d4	40	0.11	0	*	10	150
			Fluorene-d10	40	0.31	1	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.06	0	*	10	130
			Anthracene-d10	40	0.29	1	*	10	150
			Pyrene-d10	40	0.25	1	*	10	130
			Benzo(a)pyrene-d12	40	0.30	1	*	10	140
PB161058BL	PB161058BL	BN031652.D	Pyridine-d5	40	29.99	75		20	120
			1,4-Dioxane-d8	8	5.62	70		15	120
			Phenol-d5	40	31.89	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.73	79		10	150
			2-Chlorophenol-d4	40	32.23	81		15	120
			4-Methylphenol-d8	40	32.98	82		10	140
			Nitrobenzene-d5	40	31.60	79		10	135
			2-Nitrophenol-d4	40	33.05	83		10	120
			2,4-Dichlorophenol-d3	40	29.73	74		10	140
			4-Chloroaniline-d4	40	33.05	83		1	145
			Dimethylphthalate-d6	40	33.29	83		10	145
			Acenaphthylene-d8	40	30.96	77		15	120
			4-Nitrophenol-d4	40	30.81	77		10	150
			Fluorene-d10	40	32.13	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.68	62		10	130
			Anthracene-d10	40	32.12	80		10	150
			Pyrene-d10	40	32.12	80		10	130
			Benzo(a)pyrene-d12	40	32.13	80		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052424

Lab Code: CHEM

SAS No.: BN052424 SDG NO.: BN052424

Lab File ID: BN031650.D

DFTPP Injection Date: 05/24/2024

Instrument ID: BNA_N

DFTPP Injection Time: 07:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.8
197	Less than 2.0% of mass 198	0.3
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	24.2
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	56.6
443	15.0 - 24.0% of mass 442	10.9 (19.3) 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
SSTD020261	SSTDCCC020	BN031651.D	05/24/2024	08:25
SBLK058	PB161058BL	BN031652.D	05/24/2024	09:04
BH5W9DL	P2547-12DL	BN031653.D	05/24/2024	09:44
BH5X4DL	P2547-17DL	BN031654.D	05/24/2024	10:23
BH5Y2	P2548-05	BN031655.D	05/24/2024	11:02
BH5Y4	P2548-07	BN031656.D	05/24/2024	11:42
BH608	P2548-11	BN031657.D	05/24/2024	12:21
BH5Y6	P2548-09	BN031658.D	05/24/2024	13:01
BH616	P2548-21	BN031659.D	05/24/2024	13:41
BH609	P2548-12	BN031660.D	05/24/2024	14:20
BH610	P2548-13	BN031661.D	05/24/2024	15:00
BH5X9	P2548-02	BN031662.D	05/24/2024	15:39
BH610	P2548-13	BN031663.D	05/24/2024	16:19
BH617	P2548-22	BN031664.D	05/24/2024	16:59
BH5Y0	P2548-03	BN031665.D	05/24/2024	17:39
BH5X9DL	P2548-02DL	BN031666.D	05/24/2024	18:18
SSTD020262	SSTDCCC020EC	BN031667.D	05/24/2024	18:58