

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG No.: BN061724

Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:10:48

Lab File ID: BN032028.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020294 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.425	0.010	-17.8216	40.0
Benzaldehyde	0.804	0.830	0.010	3.2216	40.0
Pyridine	1.361	1.135	0.010	-16.5685	40.0
Phenol	1.745	1.639	0.080	-6.0869	20.0
Bis(2-Chloroethyl)ether	1.443	1.324	0.100	-8.2073	20.0
2-Chlorophenol	1.369	1.366	0.200	-0.247	20.0
2-Methylphenol	1.348	1.305	0.010	-3.1939	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.487	0.010	-10.482	40.0
Acetophenone	2.118	2.113	0.060	-0.239	20.0
4-Methylphenol	1.461	1.440	0.010	-1.4044	20.0
N-Nitroso-di-n-propylamine	1.098	1.004	0.050	-8.493	30.0
Hexachloroethane	0.580	0.561	0.100	-3.1717	20.0
Nitrobenzene	0.364	0.327	0.050	-10.3023	25.0
Isophorone	0.747	0.651	0.050	-12.8991	25.0
2-Nitrophenol	0.173	0.177	0.050	2.8022	25.0
2,4-Dimethylphenol	0.336	0.327	0.050	-2.6888	25.0
Bis(2-Chloroethoxy)methane	0.466	0.408	0.050	-12.3535	20.0
2,4-Dichlorophenol	0.291	0.298	0.060	2.51	20.0
Naphthalene	1.035	1.018	0.200	-1.6634	20.0
4-Chloroaniline	0.425	0.419	0.010	-1.4281	40.0
Hexachlorobutadiene	0.175	0.180	0.040	2.8626	30.0
Caprolactam	0.114	0.103	0.010	-9.0852	40.0
4-Chloro-3-methylphenol	0.340	0.336	0.040	-1.3646	25.0
1-Methylnaphthalene	0.710	0.712	0.100	0.3246	20.0
2-Methylnaphthalene	0.708	0.715	0.100	1.066	20.0
Hexachlorocyclopentadiene	0.305	0.291	0.010	-4.6869	40.0
2,4,6-Trichlorophenol	0.359	0.367	0.090	2.1192	25.0
2,4,5-Trichlorophenol	0.390	0.407	0.100	4.3967	25.0
1,1-Biphenyl	1.407	1.390	0.200	-1.1787	20.0
2-Chloronaphthalene	1.102	1.103	0.300	0.0631	20.0
2-Nitroaniline	0.319	0.287	0.050	-10.1714	40.0
Dimethylphthalate	1.425	1.403	0.300	-1.5133	20.0
2,6-Dinitrotoluene	0.283	0.290	0.080	2.2236	30.0
Acenaphthylene	1.811	1.826	0.400	0.8617	20.0
3-Nitroaniline	0.303	0.305	0.010	0.7864	40.0
Acenaphthene	1.198	1.214	0.200	1.301	20.0
2,4-Dinitrophenol	0.143	0.123	0.010	-14.2672	40.0
4-Nitrophenol	0.207	0.192	0.010	-7.142	40.0
Dibenzofuran	1.628	1.635	0.300	0.4441	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG No.: BN061724

Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:10:48

Lab File ID: BN032028.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020294 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.409	0.070	-1.6286	30.0
Diethylphthalate	1.470	1.430	0.300	-2.7611	20.0
Fluorene	1.311	1.304	0.200	-0.4746	20.0
4-Chlorophenyl-phenylether	0.635	0.647	0.100	1.8754	20.0
4-Nitroaniline	0.288	0.302	0.010	4.8368	40.0
4,6-Dinitro-2-methylphenol	0.107	0.104	0.010	-2.3243	40.0
N-Nitrosodiphenylamine	0.551	0.557	0.050	1.0571	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.543	0.100	2.5815	20.0
4-Bromophenyl-phenylether	0.194	0.206	0.070	6.5512	20.0
Hexachlorobenzene	0.220	0.234	0.050	6.603	25.0
Atrazine	0.174	0.161	0.010	-7.4356	25.0
Pentachlorophenol	0.141	0.129	0.010	-7.9089	40.0
Phenanthrene	1.019	1.004	0.200	-1.4137	20.0
Pentachlorobenzene	0.251	0.271	0.050	8.0983	20.0
Anthracene	1.032	1.029	0.200	-0.2822	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.266	0.050	3.2604	20.0
Carbazole	0.880	0.935	0.050	6.1773	40.0
Di-n-butylphthalate	1.211	1.208	0.500	-0.2644	25.0
Fluoranthene	1.279	1.654	0.400	29.3419	25.0
Pyrene	1.312	1.636	0.400	24.6591	25.0
Butylbenzylphthalate	0.620	0.725	0.100	16.9263	40.0
3,3-Dichlorobenzidine	0.384	0.407	0.010	6.2219	40.0
Benzo (a) anthracene	1.339	1.355	0.300	1.2097	30.0
Chrysene	1.250	1.239	0.200	-0.9365	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.990	0.200	9.527	40.0
Di-n-octyl phthalate	1.339	1.494	0.010	11.5623	40.0
Benzo (b) fluoranthene	1.195	1.167	0.200	-2.3513	25.0
Benzo (k) fluoranthene	1.173	1.180	0.200	0.5563	25.0
Benzo (a) pyrene	1.120	1.097	0.200	-2.0218	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.358	0.200	5.2744	25.0
Dibenzo (a,h) anthracene	1.053	1.110	0.200	5.4089	30.0
Benzo (g,h,i) perylene	1.026	1.085	0.200	5.7762	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.336	0.040	3.1148	20.0
1,4-Dioxane-d8	0.483	0.408	0.010	-15.5662	25.0
Pyridine-d5	1.361	1.157	0.010	-14.9848	40.0
Phenol-d5	1.715	1.603	0.010	-6.503	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.878	0.050	-12.4605	25.0
2-Chlorophenol-d4	1.308	1.332	0.200	1.8189	20.0
4-Methylphenol-d8	1.398	1.391	0.010	-0.4837	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG No.: BN061724
 Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:10:48
 Lab File ID: BN032028.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020294 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.151	0.050	-1.428	20.0
2-Nitrophenol-d4	0.158	0.165	0.050	4.5657	30.0
2,4-Dichlorophenol-d3	0.295	0.306	0.060	3.8279	20.0
4-Chloroaniline-d4	0.438	0.431	0.010	-1.5576	40.0
Dimethylphthalate-d6	1.393	1.356	0.300	-2.6826	20.0
Acenaphthylene-d8	1.602	1.592	0.400	-0.6042	20.0
4-Nitrophenol-d4	0.279	0.250	0.010	-10.469	40.0
Fluorene-d10	1.179	1.172	0.100	-0.5751	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.095	0.010	-5.5721	40.0
Anthracene-d10	0.856	0.842	0.300	-1.6664	20.0
Pyrene-d10	1.070	1.325	0.300	23.7635	25.0
Benzo(a)pyrene-d12	0.955	0.923	0.010	-3.3739	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.: BN061724 SAS No.: BN061724 SDG No.: BN061724
Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:16:21
Lab File ID: BN032035.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020295 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.425	0.010	-17.9273	50.0
Benzaldehyde	0.804	0.817	0.010	1.5548	50.0
Pyridine	1.361	1.145	0.010	-15.818	50.0
Phenol	1.745	1.630	0.080	-6.6014	50.0
Bis(2-Chloroethyl)ether	1.443	1.311	0.100	-9.1194	50.0
2-Chlorophenol	1.369	1.390	0.200	1.5444	50.0
2-Methylphenol	1.348	1.296	0.010	-3.8311	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.427	0.010	-14.0863	50.0
Acetophenone	2.118	2.065	0.060	-2.5104	50.0
4-Methylphenol	1.461	1.430	0.010	-2.1126	50.0
N-Nitroso-di-n-propylamine	1.098	0.972	0.050	-11.473	50.0
Hexachloroethane	0.580	0.551	0.100	-4.9821	50.0
Nitrobenzene	0.364	0.330	0.050	-9.3178	50.0
Isophorone	0.747	0.643	0.050	-13.981	50.0
2-Nitrophenol	0.173	0.183	0.050	6.0058	50.0
2,4-Dimethylphenol	0.336	0.331	0.050	-1.3351	50.0
Bis(2-Chloroethoxy)methane	0.466	0.409	0.050	-12.2088	50.0
2,4-Dichlorophenol	0.291	0.306	0.060	5.1448	50.0
Naphthalene	1.035	1.034	0.200	-0.1321	50.0
4-Chloroaniline	0.425	0.418	0.010	-1.7104	50.0
Hexachlorobutadiene	0.175	0.184	0.040	4.9319	50.0
Caprolactam	0.114	0.102	0.010	-10.3008	50.0
4-Chloro-3-methylphenol	0.340	0.338	0.040	-0.5706	50.0
1-Methylnaphthalene	0.710	0.721	0.100	1.5435	50.0
2-Methylnaphthalene	0.708	0.716	0.100	1.2108	50.0
Hexachlorocyclopentadiene	0.305	0.277	0.010	-8.975	50.0
2,4,6-Trichlorophenol	0.359	0.378	0.090	5.4218	50.0
2,4,5-Trichlorophenol	0.390	0.401	0.100	2.6604	50.0
1,1-Biphenyl	1.407	1.411	0.200	0.2841	50.0
2-Chloronaphthalene	1.102	1.127	0.300	2.2972	50.0
2-Nitroaniline	0.319	0.284	0.050	-11.0969	50.0
Dimethylphthalate	1.425	1.401	0.300	-1.6788	50.0
2,6-Dinitrotoluene	0.283	0.290	0.080	2.2331	50.0
Acenaphthylene	1.811	1.806	0.400	-0.2306	50.0
3-Nitroaniline	0.303	0.307	0.010	1.28	50.0
Acenaphthene	1.198	1.199	0.200	0.0919	50.0
2,4-Dinitrophenol	0.143	0.114	0.010	-20.5071	50.0
4-Nitrophenol	0.207	0.186	0.010	-9.8807	50.0
Dibenzofuran	1.628	1.635	0.300	0.4458	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG No.: BN061724

Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:16:21

Lab File ID: BN032035.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020295 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.406	0.070	-2.2044	50.0
Diethylphthalate	1.470	1.406	0.300	-4.3906	50.0
Fluorene	1.311	1.299	0.200	-0.8574	50.0
4-Chlorophenyl-phenylether	0.635	0.634	0.100	-0.0856	50.0
4-Nitroaniline	0.288	0.304	0.010	5.2932	50.0
4,6-Dinitro-2-methylphenol	0.107	0.103	0.010	-3.6951	50.0
N-Nitrosodiphenylamine	0.551	0.584	0.050	5.966	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.560	0.100	5.848	50.0
4-Bromophenyl-phenylether	0.194	0.209	0.070	7.9352	50.0
Hexachlorobenzene	0.220	0.236	0.050	7.6011	50.0
Atrazine	0.174	0.165	0.010	-5.3164	50.0
Pentachlorophenol	0.141	0.130	0.010	-7.3241	50.0
Phenanthrene	1.019	1.014	0.200	-0.4874	50.0
Pentachlorobenzene	0.251	0.289	0.050	15.4083	50.0
Anthracene	1.032	1.041	0.200	0.8379	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.291	0.050	12.9799	50.0
Carbazole	0.880	0.909	0.050	3.2259	50.0
Di-n-butylphthalate	1.211	1.214	0.500	0.2389	50.0
Fluoranthene	1.279	1.677	0.400	31.152	50.0
Pyrene	1.312	1.611	0.400	22.7784	50.0
Butylbenzylphthalate	0.620	0.723	0.100	16.568	50.0
3,3-Dichlorobenzidine	0.384	0.389	0.010	1.426	50.0
Benzo (a) anthracene	1.339	1.329	0.300	-0.704	50.0
Chrysene	1.250	1.236	0.200	-1.1902	50.0
Bis (2-ethylhexyl) phthalate	0.904	0.971	0.200	7.4783	50.0
Di-n-octyl phthalate	1.339	1.298	0.010	-3.0796	50.0
Benzo (b) fluoranthene	1.195	1.125	0.200	-5.9151	50.0
Benzo (k) fluoranthene	1.173	1.078	0.200	-8.1413	50.0
Benzo (a) pyrene	1.120	1.075	0.200	-3.9656	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.354	0.200	4.9103	50.0
Dibenzo (a,h) anthracene	1.053	1.110	0.200	5.3796	50.0
Benzo (g,h,i) perylene	1.026	1.100	0.200	7.2756	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.321	0.040	-1.774	50.0
1,4-Dioxane-d8	0.483	0.406	0.010	-16.1158	50.0
Pyridine-d5	1.361	1.143	0.010	-16.0417	50.0
Phenol-d5	1.715	1.609	0.010	-6.1769	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.861	0.050	-14.1187	50.0
2-Chlorophenol-d4	1.308	1.320	0.200	0.9154	50.0
4-Methylphenol-d8	1.398	1.377	0.010	-1.4819	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG No.: BN061724

Instrument ID: BNA_N Calibration Date/Time: 6/17/2024 1:16:21

Lab File ID: BN032035.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020295 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.156	0.050	1.7134	50.0
2-Nitrophenol-d4	0.158	0.169	0.050	7.1535	50.0
2,4-Dichlorophenol-d3	0.295	0.309	0.060	4.9362	50.0
4-Chloroaniline-d4	0.438	0.422	0.010	-3.5411	50.0
Dimethylphthalate-d6	1.393	1.373	0.300	-1.4415	50.0
Acenaphthylene-d8	1.602	1.591	0.400	-0.7135	50.0
4-Nitrophenol-d4	0.279	0.239	0.010	-14.3615	50.0
Fluorene-d10	1.179	1.162	0.100	-1.4384	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.095	0.010	-5.6064	50.0
Anthracene-d10	0.856	0.854	0.300	-0.3198	50.0
Pyrene-d10	1.070	1.325	0.300	23.8044	50.0
Benzo(a)pyrene-d12	0.955	0.906	0.010	-5.152	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061724
Lab Sample ID:	PB161388BL	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
BN032029.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061724
Lab Sample ID:	PB161388BL	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
BN032029.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061724
Lab Sample ID:	PB161388BL	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
BN032029.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

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	5.475		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.861		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.77		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.242		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.251		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	31.383		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	32.447		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.639		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.49		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.298		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.06		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.968		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.183		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.405		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061724
Lab Sample ID:	PB161388BL	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
BN032029.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.748		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.391		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	40.013		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.891		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261581	7.652				
1146-65-2	Naphthalene-d8	1204546	10.434				
15067-26-2	Acenaphthene-d10	852503	14.298				
1517-22-2	Phenanthrene-d10	1725086	17.045				
1719-03-5	Chrysene-d12	1148119	21.286				
1520-96-3	Perylene-d12	1169519	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3	SDG No.:	BN061724
Lab Sample ID:	P2696-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032030.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.2	330	ug/Kg
110-86-1	Pyridine	12	U	12	160	330	ug/Kg
108-95-2	Phenol	2800		45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5000		35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	1100		22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.2	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3100	E	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1200		27	42.4	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	3500	E	30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4200	E	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	E	34	42.4	170	ug/Kg
91-20-3	Naphthalene	4800	E	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.4	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4700	E	36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4400	E	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	E	49	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3	SDG No.:	BN061724
Lab Sample ID:	P2696-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032030.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	4300	E	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	4100	E	46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	3300	E	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	5500	E	11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	2800	E	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	4100	E	41	42.4	170	ug/Kg
86-73-7	Fluorene	1800		58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3400	E	48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.4	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	4800		38	82.2	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.4	170	ug/Kg
120-12-7	Anthracene	3800	E	47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	2300		57	42.4	170	ug/Kg
206-44-0	Fluoranthene	4700	E	45	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3	SDG No.:	BN061724
Lab Sample ID:	P2696-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032030.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4900	E	46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	5900	E	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	3000	E	39	42.4	170	ug/Kg
218-01-9	Chrysene	4600	E	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5000	E	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2800	E	58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100	E	45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5000	E	46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.194		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.266	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	29.164		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.165		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.534		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.982		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.776		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.988		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.448		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.199		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.014		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	32.734		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.697		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.059		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3	SDG No.:	BN061724
Lab Sample ID:	P2696-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032030.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.252		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	35.59		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	47.152		10-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.962		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	308040	7.652				
1146-65-2	Naphthalene-d8	1445326	10.434				
15067-26-2	Acenaphthene-d10	941815	14.298				
1517-22-2	Phenanthrene-d10	1895435	17.051				
1719-03-5	Chrysene-d12	1144958	21.298				
1520-96-3	Perylene-d12	1305391	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	78	J			3.44	
000106-46-7	Benzene, 1,4-dichloro-	5200	J			7.54	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.187	
000111-81-9	10-Undecenoic acid, methyl ester	100	J			16.851	
000112-39-0	Hexadecanoic acid, methyl ester	160	J			17.722	
000057-10-3	n-Hexadecanoic acid	500	J			17.957	
	unknown-01	120	J			18.322	
000084-65-1	9,10-Anthracenedione	440	J			18.474	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	150	J			18.904	
000057-11-4	Octadecanoic acid	82	J			19.239	
	(DEL) Alkane: Straight-Chain20.974	67	J			20.974	
	(DEL) Alkane: Straight-Chain25.221	150	J			25.221	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3DL	SDG No.:	BN061724
Lab Sample ID:	P2696-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032031.D	5	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	60	U	60	32.9	330	ug/Kg
100-52-7	Benzaldehyde	240	U	240	410	1600	ug/Kg
110-86-1	Pyridine	60	U	60	820	1600	ug/Kg
108-95-2	Phenol	2900	D	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5800	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	1200	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	410	1600	ug/Kg
98-86-2	Acetophenone	290	U	290	410	1600	ug/Kg
106-44-5	4-Methylphenol	200	U	200	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3300	D	180	210	850	ug/Kg
67-72-1	Hexachloroethane	80	U	80	210	850	ug/Kg
98-95-3	Nitrobenzene	1200	D	130	210	850	ug/Kg
78-59-1	Isophorone	180	U	180	210	850	ug/Kg
88-75-5	2-Nitrophenol	3600	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5000	D	150	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	5200	D	170	210	850	ug/Kg
91-20-3	Naphthalene	6400	D	160	210	850	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	850	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5700	D	180	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	95	U	95	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5100	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5300	D	240	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3DL	SDG No.:	BN061724
Lab Sample ID:	P2696-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032031.D	5	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230	U	230	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	4500	D	130	210	850	ug/Kg
208-96-8	Acenaphthylene	5800	D	230	210	850	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	410	1600	ug/Kg
83-32-9	Acenaphthene	4500	D	250	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	6100	D	55	410	1600	ug/Kg
132-64-9	Dibenzofuran	3700	D	200	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	210	850	ug/Kg
84-66-2	Diethylphthalate	6000	D	200	210	850	ug/Kg
86-73-7	Fluorene	3200	D	290	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6200	D	240	210	850	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	220	U	220	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	220	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	490	U	490	210	850	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	210	850	ug/Kg
1912-24-9	Atrazine	55	U	55	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5600	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	260	U	260	210	850	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	850	ug/Kg
120-12-7	Anthracene	6200	D	230	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	210	850	ug/Kg
86-74-8	Carbazole	300	U	300	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	2800	D	280	210	850	ug/Kg
206-44-0	Fluoranthene	6700	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3DL	SDG No.:	BN061724
Lab Sample ID:	P2696-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032031.D	5	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7900	D	230	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	8900	D	210	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3500	D	190	210	850	ug/Kg
218-01-9	Chrysene	7000	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7200	D	210	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	3100	D	290	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	280	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4600	D	220	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	D	260	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5400	D	230	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.26		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	28.69		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.465		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.45		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.305		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	30.595		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.82		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.415		10-140		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.46		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.925		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.86		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.495		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	37.005		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4DG3DL	SDG No.:	BN061724
Lab Sample ID:	P2696-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032031.D	5	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.105		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	38.78		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	50.15		10-130		125	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.14		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252959	7.646				
1146-65-2	Naphthalene-d8	1151584	10.428				
15067-26-2	Acenaphthene-d10	783134	14.298				
1517-22-2	Phenanthrene-d10	1620612	17.045				
1719-03-5	Chrysene-d12	1038487	21.286				
1520-96-3	Perylene-d12	1091676	24.209				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	5100	JD			7.534	
000084-65-1	9,10-Anthracenedione	400	JD			18.474	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7	SDG No.:	BN061724
Lab Sample ID:	P2696-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
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
BN032032.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.6	150	ug/Kg
100-52-7	Benzaldehyde	110	U	110	180	730	ug/Kg
110-86-1	Pyridine	26	U	26	360	730	ug/Kg
108-95-2	Phenol	99	U	99	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	77	U	77	180	730	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	93.8	380	ug/Kg
95-48-7	2-Methylphenol	86	U	86	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	180	730	ug/Kg
98-86-2	Acetophenone	130	U	130	180	730	ug/Kg
106-44-5	4-Methylphenol	91	U	91	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	82	U	82	93.8	380	ug/Kg
67-72-1	Hexachloroethane	35	U	35	93.8	380	ug/Kg
98-95-3	Nitrobenzene	60	U	60	93.8	380	ug/Kg
78-59-1	Isophorone	79	U	79	93.8	380	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	93.8	380	ug/Kg
105-67-9	2,4-Dimethylphenol	19	U	19	93.8	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	93.8	380	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	75	93.8	380	ug/Kg
91-20-3	Naphthalene	73	U	73	93.8	380	ug/Kg
106-47-8	4-Chloroaniline	97	U	97	93.8	730	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	93.8	380	ug/Kg
105-60-2	Caprolactam	88	U	88	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	79	93.8	380	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	93.8	380	ug/Kg
91-57-6	2-Methylnaphthalene	82	U	82	93.8	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	42	U	42	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	93.8	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	93.8	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7	SDG No.:	BN061724
Lab Sample ID:	P2696-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
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
BN032032.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	93.8	380	ug/Kg
91-58-7	2-Chloronaphthalene	97	U	97	93.8	380	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	93.8	380	ug/Kg
131-11-3	Dimethylphthalate	84	U	84	93.8	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	93.8	380	ug/Kg
208-96-8	Acenaphthylene	100	U	100	93.8	380	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	180	730	ug/Kg
83-32-9	Acenaphthene	110	U	110	93.8	380	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	180	730	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	730	ug/Kg
132-64-9	Dibenzofuran	88	U	88	93.8	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	93.8	380	ug/Kg
84-66-2	Diethylphthalate	91	U	91	93.8	380	ug/Kg
86-73-7	Fluorene	130	U	130	93.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	93.8	380	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	93.8	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	93.8	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	220	U	220	93.8	380	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	93.8	380	ug/Kg
1912-24-9	Atrazine	24	U	24	180	730	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	180	730	ug/Kg
85-01-8	Phenanthrene	320	J	120	93.8	380	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	93.8	380	ug/Kg
120-12-7	Anthracene	100	U	100	93.8	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	93.8	380	ug/Kg
86-74-8	Carbazole	130	U	130	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	93.8	380	ug/Kg
206-44-0	Fluoranthene	930		99	180	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7	SDG No.:	BN061724
Lab Sample ID:	P2696-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
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
BN032032.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	590		100	93.8	380	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	93.8	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	86	93.8	380	ug/Kg
218-01-9	Chrysene	380		100	93.8	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	95	93.8	380	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		110	93.8	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	130	93.8	380	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	130	93.8	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	99	93.8	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	93.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	93.8	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	93.8	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.003		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	2.129	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	24.841		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.725		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.711		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	21.464		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	28.088		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.549		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.928		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.151		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.711		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.538		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.854		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	28.327		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7	SDG No.:	BN061724
Lab Sample ID:	P2696-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
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
BN032032.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.136		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	30.034		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	33.397		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.723		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	268912	7.646				
1146-65-2	Naphthalene-d8	1216525	10.428				
15067-26-2	Acenaphthene-d10	806587	14.292				
1517-22-2	Phenanthrene-d10	1553861	17.045				
1719-03-5	Chrysene-d12	952545	21.286				
1520-96-3	Perylene-d12	1056759	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	190	J			3.675	
	unknown-02	150	J			4.781	
000057-10-3	n-Hexadecanoic acid	640	J			17.951	
000057-11-4	Octadecanoic acid	260	J			19.239	
1000406-04-8	Pentadecafluorooctanoic acid, octa	460	J			20.974	
	(DEL) Alkane: Straight-Chain22.027	210	J			22.027	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MS	SDG No.:	BN061724
Lab Sample ID:	P2696-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032033.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	940		26	14.5	150	ug/Kg
100-52-7	Benzaldehyde	2200		110	180	730	ug/Kg
110-86-1	Pyridine	1200		26	360	730	ug/Kg
108-95-2	Phenol	3200		99	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2800		77	180	730	ug/Kg
95-57-8	2-Chlorophenol	3300		48	93.6	370	ug/Kg
95-48-7	2-Methylphenol	3200		86	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2700		64	180	730	ug/Kg
98-86-2	Acetophenone	3200		130	180	730	ug/Kg
106-44-5	4-Methylphenol	3300		90	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2800		81	93.6	370	ug/Kg
67-72-1	Hexachloroethane	2400		35	93.6	370	ug/Kg
98-95-3	Nitrobenzene	2900		59	93.6	370	ug/Kg
78-59-1	Isophorone	2900		79	93.6	370	ug/Kg
88-75-5	2-Nitrophenol	3600		66	93.6	370	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		19	93.6	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2800		68	93.6	370	ug/Kg
120-83-2	2,4-Dichlorophenol	3500		75	93.6	370	ug/Kg
91-20-3	Naphthalene	3200		73	93.6	370	ug/Kg
106-47-8	4-Chloroaniline	1900		97	93.6	730	ug/Kg
87-68-3	Hexachlorobutadiene	3400		57	93.6	370	ug/Kg
105-60-2	Caprolactam	2700		88	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3300		79	93.6	370	ug/Kg
90-12-0	1-Methylnaphthalene	3300		42	93.6	370	ug/Kg
91-57-6	2-Methylnaphthalene	3300		81	93.6	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		42	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3700		110	93.6	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3600		110	93.6	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MS	SDG No.:	BN061724
Lab Sample ID:	P2696-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032033.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3300		100	93.6	370	ug/Kg
91-58-7	2-Chloronaphthalene	3300		97	93.6	370	ug/Kg
88-74-4	2-Nitroaniline	3100		48	93.6	370	ug/Kg
131-11-3	Dimethylphthalate	3200		84	93.6	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	3600		57	93.6	370	ug/Kg
208-96-8	Acenaphthylene	3200		100	93.6	370	ug/Kg
99-09-2	3-Nitroaniline	3100		31	180	730	ug/Kg
83-32-9	Acenaphthene	3200		110	93.6	370	ug/Kg
51-28-5	2,4-Dinitrophenol	3500		70	180	730	ug/Kg
100-02-7	4-Nitrophenol	3200		24	180	730	ug/Kg
132-64-9	Dibenzofuran	3200		88	93.6	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	3300		29	93.6	370	ug/Kg
84-66-2	Diethylphthalate	3200		90	93.6	370	ug/Kg
86-73-7	Fluorene	3100		130	93.6	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3100		110	93.6	370	ug/Kg
100-01-6	4-Nitroaniline	3500		35	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500		86	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3500		99	93.6	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3500		99	93.6	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3700		220	93.6	370	ug/Kg
118-74-1	Hexachlorobenzene	2800		110	93.6	370	ug/Kg
1912-24-9	Atrazine	3200		24	180	730	ug/Kg
87-86-5	Pentachlorophenol	3200		84	180	730	ug/Kg
85-01-8	Phenanthrene	3500		120	93.6	370	ug/Kg
608-93-5	Pentachlorobenzene	3200		79	93.6	370	ug/Kg
120-12-7	Anthracene	3100		100	93.6	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3800		12	93.6	370	ug/Kg
86-74-8	Carbazole	3000		130	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	3300		130	93.6	370	ug/Kg
206-44-0	Fluoranthene	5300		99	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MS	SDG No.:	BN061724
Lab Sample ID:	P2696-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032033.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800		100	93.6	370	ug/Kg
85-68-7	Butylbenzylphthalate	3900		95	93.6	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2200		55	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	3700		86	93.6	370	ug/Kg
218-01-9	Chrysene	3800		100	93.6	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700		95	93.6	370	ug/Kg
117-84-0	Di-n-octyl phthalate	3400		95	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	3600		110	93.6	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	3400		130	93.6	370	ug/Kg
50-32-8	Benzo(a)pyrene	1700		130	93.6	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2700		99	93.6	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3700		110	93.6	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	J	100	93.6	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3500		110	93.6	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.054		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	12.767		20-120		32	SPK: -40
4165-62-2	Phenol-d5	32.007		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.373		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.37		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	32.221		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	36.443		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.11		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.263		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.153		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.74		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.756		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.971		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	35.222		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MS	SDG No.:	BN061724
Lab Sample ID:	P2696-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032033.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.963		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	35.256		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	38.903		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.356		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262262	7.652				
1146-65-2	Naphthalene-d8	1167097	10.434				
15067-26-2	Acenaphthene-d10	751247	14.298				
1517-22-2	Phenanthrene-d10	1450599	17.051				
1719-03-5	Chrysene-d12	839103	21.286				
1520-96-3	Perylene-d12	983993	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	100	U			99	ug/Kg



Client:			Date Collected:	6/4/2024 12:00:00 AM	
Project:			Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	A4BN7MSD		SDG No.:	BN061724	
Lab Sample ID:	P2696-10MSD		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	54.7	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	500	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032034.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	940		26	14.5	150	ug/Kg
100-52-7	Benzaldehyde	2200		110	180	730	ug/Kg
110-86-1	Pyridine	1300		26	360	730	ug/Kg
108-95-2	Phenol	3200		99	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2800		77	180	730	ug/Kg
95-57-8	2-Chlorophenol	3300		48	93.7	370	ug/Kg
95-48-7	2-Methylphenol	3100		86	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2700		64	180	730	ug/Kg
98-86-2	Acetophenone	3200		130	180	730	ug/Kg
106-44-5	4-Methylphenol	3200		90	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2800		82	93.7	370	ug/Kg
67-72-1	Hexachloroethane	2400		35	93.7	370	ug/Kg
98-95-3	Nitrobenzene	2800		60	93.7	370	ug/Kg
78-59-1	Isophorone	2800		79	93.7	370	ug/Kg
88-75-5	2-Nitrophenol	3500		66	93.7	370	ug/Kg
105-67-9	2,4-Dimethylphenol	2700		19	93.7	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2800		68	93.7	370	ug/Kg
120-83-2	2,4-Dichlorophenol	3500		75	93.7	370	ug/Kg
91-20-3	Naphthalene	3100		73	93.7	370	ug/Kg
106-47-8	4-Chloroaniline	2100		97	93.7	730	ug/Kg
87-68-3	Hexachlorobutadiene	3400		57	93.7	370	ug/Kg
105-60-2	Caprolactam	2600		88	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3200		79	93.7	370	ug/Kg
90-12-0	1-Methylnaphthalene	3300		42	93.7	370	ug/Kg
91-57-6	2-Methylnaphthalene	3200		82	93.7	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1700		42	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3600		110	93.7	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700		110	93.7	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MSD	SDG No.:	BN061724
Lab Sample ID:	P2696-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032034.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3300		100	93.7	370	ug/Kg
91-58-7	2-Chloronaphthalene	3300		97	93.7	370	ug/Kg
88-74-4	2-Nitroaniline	3100		48	93.7	370	ug/Kg
131-11-3	Dimethylphthalate	3200		84	93.7	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	3500		57	93.7	370	ug/Kg
208-96-8	Acenaphthylene	3200		100	93.7	370	ug/Kg
99-09-2	3-Nitroaniline	3200		31	180	730	ug/Kg
83-32-9	Acenaphthene	3200		110	93.7	370	ug/Kg
51-28-5	2,4-Dinitrophenol	3300		71	180	730	ug/Kg
100-02-7	4-Nitrophenol	3100		24	180	730	ug/Kg
132-64-9	Dibenzofuran	3200		88	93.7	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	3300		29	93.7	370	ug/Kg
84-66-2	Diethylphthalate	3100		90	93.7	370	ug/Kg
86-73-7	Fluorene	3100		130	93.7	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3100		110	93.7	370	ug/Kg
100-01-6	4-Nitroaniline	3400		35	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3700		86	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3600		99	93.7	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3500		99	93.7	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		220	93.7	370	ug/Kg
118-74-1	Hexachlorobenzene	2900		110	93.7	370	ug/Kg
1912-24-9	Atrazine	3400		24	180	730	ug/Kg
87-86-5	Pentachlorophenol	3300		84	180	730	ug/Kg
85-01-8	Phenanthrene	3600		120	93.7	370	ug/Kg
608-93-5	Pentachlorobenzene	3300		79	93.7	370	ug/Kg
120-12-7	Anthracene	3200		100	93.7	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000		12	93.7	370	ug/Kg
86-74-8	Carbazole	3000		130	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	3300		130	93.7	370	ug/Kg
206-44-0	Fluoranthene	5000		99	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MSD	SDG No.:	BN061724
Lab Sample ID:	P2696-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032034.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800		100	93.7	370	ug/Kg
85-68-7	Butylbenzylphthalate	3800		95	93.7	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2500		55	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	3700		86	93.7	370	ug/Kg
218-01-9	Chrysene	3800		100	93.7	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3600		95	93.7	370	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		95	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800		110	93.7	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	3400		130	93.7	370	ug/Kg
50-32-8	Benzo(a)pyrene	1700		130	93.7	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		99	93.7	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		110	93.7	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350	J	100	93.7	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3400		110	93.7	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.008		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	12.703		20-120		32	SPK: -40
4165-62-2	Phenol-d5	31.273		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.046		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.445		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	31.404		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	35.214		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.092		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.229		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.803		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.628		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.256		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.943		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	34.763		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN7MSD	SDG No.:	BN061724
Lab Sample ID:	P2696-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032034.D	1	6/7/2024 12:00:00 AM	6/17/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.492		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	35.291		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	38.837		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.173		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248938	7.652				
1146-65-2	Naphthalene-d8	1123735	10.434				
15067-26-2	Acenaphthene-d10	707633	14.298				
1517-22-2	Phenanthrene-d10	1287856	17.051				
1719-03-5	Chrysene-d12	767751	21.292				
1520-96-3	Perylene-d12	924869	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	100	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BN7								
P2696-08	A4BN7	Solid	(DEL) Alkane: Straight-Chain22.(	* 210.000	J			
P2696-08	A4BN7	Solid	n-Hexadecanoic acid	* 640.000	J			
P2696-08	A4BN7	Solid	Octadecanoic acid	* 260.000	J			
P2696-08	A4BN7	Solid	Pentadecafluorooctanoic acid, oct:	* 460.000	J			
P2696-08	A4BN7	Solid	unknown-01	* 190.000	J			
P2696-08	A4BN7	Solid	unknown-02	* 150.000	J			
P2696-08	A4BN7	Solid	Total Alkanes	* 210.000		100	380	ug/Kg
Total Tics :				2,120.00				
P2696-08	A4BN7	Solid	Benzo(a)anthracene	290.000	J	86	380	ug/Kg
P2696-08	A4BN7	Solid	Benzo(a)pyrene	160.000	J	130	380	ug/Kg
P2696-08	A4BN7	Solid	Benzo(b)fluoranthene	450.000		110	380	ug/Kg
P2696-08	A4BN7	Solid	Benzo(k)fluoranthene	200.000	J	130	380	ug/Kg
P2696-08	A4BN7	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	95	380	ug/Kg
P2696-08	A4BN7	Solid	Chrysene	380.000		100	380	ug/Kg
P2696-08	A4BN7	Solid	Fluoranthene	930.000		99	380	ug/Kg
P2696-08	A4BN7	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	99	380	ug/Kg
P2696-08	A4BN7	Solid	Phenanthrene	320.000	J	120	380	ug/Kg
P2696-08	A4BN7	Solid	Pyrene	590.000		100	380	ug/Kg
Total Svoc :				3,630.00				
Total Concentration:				5,750.00				
Client ID : A4DG3								
P2696-17	A4DG3	Solid	(DEL) Alkane: Straight-Chain20.9	* 67.000	J			
P2696-17	A4DG3	Solid	(DEL) Alkane: Straight-Chain25.2	* 150.000	J			
P2696-17	A4DG3	Solid	1-Phenoxypropan-2-ol	* 120.000	J			
P2696-17	A4DG3	Solid	10-Undecenoic acid, methyl ester	* 100.000	J			
P2696-17	A4DG3	Solid	9,10-Anthracenedione	* 440.000	J			
P2696-17	A4DG3	Solid	9-Octadecenoic acid (Z)-, methyl	* 150.000	J			
P2696-17	A4DG3	Solid	Benzene, 1,4-dichloro-	* 5,200.000	J			
P2696-17	A4DG3	Solid	Hexadecanoic acid, methyl ester	* 160.000	J			
P2696-17	A4DG3	Solid	n-Hexadecanoic acid	* 500.000	J			
P2696-17	A4DG3	Solid	Octadecanoic acid	* 82.000	J			
P2696-17	A4DG3	Solid	Propylene Glycol	* 78.000	J			
P2696-17	A4DG3	Solid	unknown-01	* 120.000	J			
P2696-17	A4DG3	Solid	Total Alkanes	* 220.000		46	170	ug/Kg
Total Tics :				7,387.00				
P2696-17	A4DG3	Solid	2,4,5-Trichlorophenol	4,400.000	E	49	170	ug/Kg
P2696-17	A4DG3	Solid	2,4,6-Trichlorophenol	4,400.000	E	50	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-17	A4DG3	Solid	2,4-Dichlorophenol	4,400.000	E	34	170	ug/Kg
P2696-17	A4DG3	Solid	2,6-Dinitrotoluene	4,300.000	E	26	170	ug/Kg
P2696-17	A4DG3	Solid	2-Chlorophenol	1,100.000		22	170	ug/Kg
P2696-17	A4DG3	Solid	2-Nitrophenol	3,500.000	E	30	170	ug/Kg
P2696-17	A4DG3	Solid	4-Chloro-3-methylphenol	4,700.000	E	36	170	ug/Kg
P2696-17	A4DG3	Solid	4-Chlorophenyl-phenylether	3,400.000	E	48	170	ug/Kg
P2696-17	A4DG3	Solid	4-Nitrophenol	5,500.000	E	11	330	ug/Kg
P2696-17	A4DG3	Solid	Acenaphthene	3,300.000	E	50	170	ug/Kg
P2696-17	A4DG3	Solid	Acenaphthylene	4,100.000	E	46	170	ug/Kg
P2696-17	A4DG3	Solid	Anthracene	3,800.000	E	47	170	ug/Kg
P2696-17	A4DG3	Solid	Benzo(a)anthracene	3,000.000	E	39	170	ug/Kg
P2696-17	A4DG3	Solid	Benzo(a)pyrene	1,400.000		57	170	ug/Kg
P2696-17	A4DG3	Solid	Benzo(g,h,i)perylene	5,000.000	E	46	170	ug/Kg
P2696-17	A4DG3	Solid	Benzo(k)fluoranthene	2,800.000	E	58	170	ug/Kg
P2696-17	A4DG3	Solid	Bis(2-Chloroethoxy)methane	4,200.000	E	31	170	ug/Kg
P2696-17	A4DG3	Solid	Bis(2-Chloroethyl)ether	5,000.000		35	330	ug/Kg
P2696-17	A4DG3	Solid	Bis(2-ethylhexyl)phthalate	5,000.000	E	43	170	ug/Kg
P2696-17	A4DG3	Solid	Butylbenzylphthalate	5,900.000	E	43	170	ug/Kg
P2696-17	A4DG3	Solid	Chrysene	4,600.000	E	46	170	ug/Kg
P2696-17	A4DG3	Solid	Di-n-butylphthalate	2,300.000		57	170	ug/Kg
P2696-17	A4DG3	Solid	Dibenzo(a,h)anthracene	1,200.000		52	170	ug/Kg
P2696-17	A4DG3	Solid	Dibenzofuran	2,800.000	E	40	170	ug/Kg
P2696-17	A4DG3	Solid	Diethylphthalate	4,100.000	E	41	170	ug/Kg
P2696-17	A4DG3	Solid	Fluoranthene	4,700.000	E	45	170	ug/Kg
P2696-17	A4DG3	Solid	Fluorene	1,800.000		58	170	ug/Kg
P2696-17	A4DG3	Solid	Indeno(1,2,3-cd)pyrene	4,100.000	E	45	170	ug/Kg
P2696-17	A4DG3	Solid	N-Nitroso-di-n-propylamine	3,100.000	E	37	170	ug/Kg
P2696-17	A4DG3	Solid	Naphthalene	4,800.000	E	33	170	ug/Kg
P2696-17	A4DG3	Solid	Nitrobenzene	1,200.000		27	170	ug/Kg
P2696-17	A4DG3	Solid	Pentachlorophenol	4,800.000		38	330	ug/Kg
P2696-17	A4DG3	Solid	Phenol	2,800.000		45	330	ug/Kg
P2696-17	A4DG3	Solid	Pyrene	4,900.000	E	46	170	ug/Kg

Total Svoc : 126,400.00
Total Concentration: 133,787.00

Client ID : A4DG3DL

P2696-17DL	A4DG3DL	Solid	9,10-Anthracenedione	*	400.000	JD		
P2696-17DL	A4DG3DL	Solid	Benzene, 1,4-dichloro-	*	5,100.000	JD		
P2696-17DL	A4DG3DL	Solid	Total Alkanes	*	0.000	D	230	ug/Kg
Total Tics :					5,500.00			
P2696-17DL	A4DG3DL	Solid	2,4,5-Trichlorophenol		5,300.000	D	240	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-17DL	A4DG3DL	Solid	2,4,6-Trichlorophenol	5,100.000	D	250	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	2,4-Dichlorophenol	5,200.000	D	170	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	2,6-Dinitrotoluene	4,500.000	D	130	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	2-Chlorophenol	1,200.000	D	110	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	2-Nitrophenol	3,600.000	D	150	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	4-Chloro-3-methylphenol	5,700.000	D	180	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	4-Chlorophenyl-phenylether	6,200.000	D	240	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	4-Nitrophenol	6,100.000	D	55	1600	ug/Kg
P2696-17DL	A4DG3DL	Solid	Acenaphthene	4,500.000	D	250	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Acenaphthylene	5,800.000	D	230	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Anthracene	6,200.000	D	230	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Benzo(a)anthracene	3,500.000	D	190	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Benzo(a)pyrene	1,500.000	D	280	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Benzo(g,h,i)perylene	5,400.000	D	230	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Benzo(k)fluoranthene	3,100.000	D	290	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Bis(2-Chloroethoxy)methane	5,000.000	D	150	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Bis(2-Chloroethyl)ether	5,800.000	D	170	1600	ug/Kg
P2696-17DL	A4DG3DL	Solid	Bis(2-ethylhexyl)phthalate	7,200.000	D	210	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Butylbenzylphthalate	8,900.000	D	210	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Chrysene	7,000.000	D	230	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Di-n-butylphthalate	2,800.000	D	280	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Dibenzo(a,h)anthracene	1,300.000	D	260	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Dibenzofuran	3,700.000	D	200	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Diethylphthalate	6,000.000	D	200	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Fluoranthene	6,700.000	D	220	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Fluorene	3,200.000	D	290	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Indeno(1,2,3-cd)pyrene	4,600.000	D	220	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	N-Nitroso-di-n-propylamine	3,300.000	D	180	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Naphthalene	6,400.000	D	160	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Nitrobenzene	1,200.000	D	130	850	ug/Kg
P2696-17DL	A4DG3DL	Solid	Pentachlorophenol	5,600.000	D	190	1600	ug/Kg
P2696-17DL	A4DG3DL	Solid	Phenol	2,900.000	D	220	1600	ug/Kg
P2696-17DL	A4DG3DL	Solid	Pyrene	7,900.000	D	230	850	ug/Kg
Total Svoc :				162,400.00				
Total Concentration:				167,900.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 11:20 _____

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

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061724 SAS No.: BN061724 SDG NO.: BN061724

EPA Sample No.: SSTD020205 Date Analyzed: Jun 17 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	537524	7.687	2.44038e+06	10.47	1.62391e+006	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
01 SBLK388	261581 *	7.65	1.20455e *	10.43	852503	14.30
02 A4DG3	308040	7.65	1.44533e	10.43	941815	14.30
03 A4DG3DL	252959 *	7.65	1.15158e *	10.43	783134 *	14.30
04 A4BN7	268912	7.65	1.21653e *	10.43	806587 *	14.29
05 A4BN7MS	262262 *	7.65	1.1671e+ *	10.43	751247 *	14.30
06 A4BN7MSD	248938 *	7.65	1.12374e *	10.43	707633 *	14.30

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.: BN061724 SAS No.: BN061724 SDG NO.: BN061724

EPA Sample No.: SSTD020294 Date Analyzed: Jun 17 2024 12:00AM

Lab File ID: BN032028.D Time Analyzed: 11:38

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	267851	7.652	1.24946e+01	10.43	841352	14.30
UPPER LIMIT	535702	8.152	2498920	10.934	1682704	14.798
LOWER LIMIT	133925.5	7.152	624730	9.934	420676	13.798
EPA SAMPLE NO.						
01 SBLK388	261581	7.65	1.20455e	10.43	852503	14.30
02 A4DG3	308040	7.65	1.44533e	10.43	941815	14.30
03 A4DG3DL	252959	7.65	1.15158e	10.43	783134	14.30
04 A4BN7	268912	7.65	1.21653e	10.43	806587	14.29
05 A4BN7MS	262262	7.65	1.1671e+	10.43	751247	14.30
06 A4BN7MSD	248938	7.65	1.12374e	10.43	707633	14.30

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.: BN061724 SAS No.: BN061724 SDG NO.: BN061724

EPA Sample No.: SSTD020205 Date Analyzed: Jun 17 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+00	24.245
UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
EPA SAMPLE NO.						
01 SBLK388	1.72509	17.05	1.14812e+ *	21.29	1.16952e+ *	24.21
02 A4DG3	1.89544	17.05	1.14496e+ *	21.30	1.30539e+ *	24.22
03 A4DG3DL	1.62061*	17.05	1.03849e+ *	21.29	1.09168e+ *	24.21
04 A4BN7	1.55386*	17.05	952545 *	21.29	1.05676e+ *	24.22
05 A4BN7MS	1.4506e*	17.05	839103 *	21.29	983993 *	24.21
06 A4BN7MSD	1.28786*	17.05	767751 *	21.29	924869 *	24.22

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.: BN061724 SAS No.: BN061724 SDG NO.: BN061724

EPA Sample No.: SSTD020294 Date Analyzed: Jun 17 2024 12:00AM

Lab File ID: BN032028.D Time Analyzed: 11:38

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	1.73364e+01	17.045	1.16038e+	21.28	1.17014e+01	24.204
UPPER LIMIT	3467280	17.545	2320760	21.78	2340280	24.704
LOWER LIMIT	866820	16.545	580190	20.78	585070	23.704
EPA SAMPLE NO.						
01 SBLK388	1.72509	17.05	1.14812e+	21.29	1.16952e+	24.21
02 A4DG3	1.89544	17.05	1.14496e+	21.30	1.30539e+	24.22
03 A4DG3DL	1.62061	17.05	1.03849e+	21.29	1.09168e+	24.21
04 A4BN7	1.55386	17.05	952545	21.29	1.05676e+	24.22
05 A4BN7MS	1.4506e	17.05	839103	21.29	983993	24.21
06 A4BN7MSD	1.28786	17.05	767751	21.29	924869	24.22

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.

SBLK388

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN061724

SAS No.: BN061724 SDG NO.: BN061724

Lab File ID: BN032029.D

Lab Sample ID: PB161388BL

Instrument ID: BNA_N

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/17/2024

Level: (low/med) LOW

Time Analyzed: 11:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DG3	P2696-17	BN032030.D	06/17/2024
A4BN7	P2696-08	BN032032.D	06/17/2024
A4BN7MS	P2696-09MS	BN032033.D	06/17/2024
A4BN7MSD	P2696-10MSD	BN032034.D	06/17/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2696-09MS	Client Sample ID:	A4BN7MS					DataFile:	BN032033.D		
1,4-Dioxane	1200		940	ug/Kg	78				15	120	
Benzaldehyde	2900		2200	ug/Kg	76				0	0	
Pyridine	2900		1200	ug/Kg	41				0	0	
Phenol	2900	0	3200	ug/Kg	110	*			26	90	
Bis(2-chloroethyl)ether	2900		2800	ug/Kg	97				0	0	
2-Chlorophenol	2900		3300	ug/Kg	114	*			25	102	
2-Methylphenol	2900		3200	ug/Kg	110				0	0	
2,2-oxybis(1-Chloropropane)	2900		2700	ug/Kg	93				0	0	
Acetophenone	2900		3200	ug/Kg	110				0	0	
4-Methylphenol	2900		3300	ug/Kg	114				0	0	
N-Nitroso-di-n-propylamine	2900		2800	ug/Kg	97				41	126	
Hexachloroethane	2900		2400	ug/Kg	83				0	0	
Nitrobenzene	2900		2900	ug/Kg	100				0	0	
Isophorone	2900		2900	ug/Kg	100				0	0	
2-Nitrophenol	2900		3600	ug/Kg	124				0	0	
2,4-Dimethylphenol	2900		2900	ug/Kg	100				0	0	
Bis(2-chloroethoxy)methane	2900		2800	ug/Kg	97				0	0	
2,4-Dichlorophenol	2900		3500	ug/Kg	121				0	0	
Naphthalene	2900		3200	ug/Kg	110				0	0	
4-Chloroaniline	2900		1900	ug/Kg	66				0	0	
Hexachlorobutadiene	2900		3400	ug/Kg	117				0	0	
Caprolactam	2900		2700	ug/Kg	93				0	0	
4-Chloro-3-methylphenol	2900		3300	ug/Kg	114	*			26	103	
1-Methylnaphthalene	2900		3300	ug/Kg	114				0	0	
2-Methylnaphthalene	2900		3300	ug/Kg	114				0	0	
Hexachlorocyclopentadiene	2900		1800	ug/Kg	62				0	0	
2,4,6-Trichlorophenol	2900		3700	ug/Kg	128				0	0	
2,4,5-Trichlorophenol	2900		3600	ug/Kg	124				0	0	
1,1'-Biphenyl	2900		3300	ug/Kg	114				0	0	
2-Chloronaphthalene	2900		3300	ug/Kg	114				0	0	
2-Nitroaniline	2900		3100	ug/Kg	107				0	0	
Dimethylphthalate	2900		3200	ug/Kg	110				0	0	
2,6-Dinitrotoluene	2900		3600	ug/Kg	124				0	0	
Acenaphthylene	2900		3200	ug/Kg	110				0	0	
3-Nitroaniline	2900		3100	ug/Kg	107				0	0	
Acenaphthene	2900		3200	ug/Kg	110				31	137	
2,4-Dinitrophenol	2900		3500	ug/Kg	121				0	0	
4-Nitrophenol	2900		3200	ug/Kg	110				11	114	
Dibenzofuran	2900		3200	ug/Kg	110				0	0	
2,4-Dinitrotoluene	2900		3300	ug/Kg	114	*			28	89	
Diethylphthalate	2900		3200	ug/Kg	110				0	0	
Fluorene	2900		3100	ug/Kg	107				0	0	
4-Chlorophenyl-phenylether	2900		3100	ug/Kg	107				0	0	
4-Nitroaniline	2900		3500	ug/Kg	121				0	0	
4,6-Dinitro-2-methylphenol	2900		3500	ug/Kg	121				0	0	
N-Nitrosodiphenylamine	2900		3500	ug/Kg	121				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	2900		3500	ug/Kg	121				0	0	
4-Bromophenyl-phenylether	2900		3700	ug/Kg	128				0	0	
Hexachlorobenzene	2900		2800	ug/Kg	97				0	0	
Atrazine	2900		3200	ug/Kg	110				0	0	
Pentachlorophenol	2900		3200	ug/Kg	110	*			17	109	
Phenanthrene	2900	320	3500	ug/Kg	110				0	0	
Pentachlorobenzene	2900		3200	ug/Kg	110				0	0	
Anthracene	2900		3100	ug/Kg	107				0	0	
1,2,3,4-Tetrachlorobenzene	2900		3800	ug/Kg	131				0	0	
Carbazole	2900		3000	ug/Kg	103				0	0	
Di-n-butylphthalate	2900		3300	ug/Kg	114				0	0	
Fluoranthene	2900	930	5300	ug/Kg	151				0	0	
Pyrene	2900	590	3800	ug/Kg	111				35	142	
Butylbenzylphthalate	2900		3900	ug/Kg	134				0	0	
3,3'-Dichlorobenzidine	2900		2200	ug/Kg	76				0	0	
Benzo(a)anthracene	2900	290	3700	ug/Kg	118				0	0	
Chrysene	2900	380	3800	ug/Kg	118				0	0	
Bis(2-ethylhexyl)phthalate	2900	160	3700	ug/Kg	122				0	0	
Di-n-octylphthalate	2900		3400	ug/Kg	117				0	0	
Benzo(b)fluoranthene	2900	450	3600	ug/Kg	109				0	0	
Benzo(k)fluoranthene	2900	200	3400	ug/Kg	110				0	0	
Benzo(a)pyrene	2900	160	1700	ug/Kg	53				0	0	
Indeno(1,2,3-cd)pyrene	2900	150	2700	ug/Kg	88				0	0	
Dibenzo(a,h)anthracene	2900		3700	ug/Kg	128				0	0	
Benzo(g,h,i)perylene	2900		330	ug/Kg	11				0	0	
2,3,4,6-Tetrachlorophenol	2900		3500	ug/Kg	121				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2696-10MSD	Client Sample ID:	A4BN7MSD					DataFile:	BN032034.D		
1,4-Dioxane	1200		940	ug/Kg	78	0			15	120	50
Benzaldehyde	2900		2200	ug/Kg	76	0			0	0	0
Pyridine	2900		1300	ug/Kg	45	9	*		0	0	0
Phenol	2900	0	3200	ug/Kg	110	*	0		26	90	35
Bis(2-chloroethyl)ether	2900		2800	ug/Kg	97	0			0	0	0
2-Chlorophenol	2900		3300	ug/Kg	114	*	0		25	102	50
2-Methylphenol	2900		3100	ug/Kg	107	3	*		0	0	0
2,2-oxybis(1-Chloropropane)	2900		2700	ug/Kg	93	0			0	0	0
Acetophenone	2900		3200	ug/Kg	110	0			0	0	0
4-Methylphenol	2900		3200	ug/Kg	110	4	*		0	0	0
N-Nitroso-di-n-propylamine	2900		2800	ug/Kg	97	0			41	126	38
Hexachloroethane	2900		2400	ug/Kg	83	0			0	0	0
Nitrobenzene	2900		2800	ug/Kg	97	3	*		0	0	0
Isophorone	2900		2800	ug/Kg	97	3	*		0	0	0
2-Nitrophenol	2900		3500	ug/Kg	121	2	*		0	0	0
2,4-Dimethylphenol	2900		2700	ug/Kg	93	7	*		0	0	0
Bis(2-chloroethoxy)methane	2900		2800	ug/Kg	97	0			0	0	0
2,4-Dichlorophenol	2900		3500	ug/Kg	121	0			0	0	0
Naphthalene	2900		3100	ug/Kg	107	3	*		0	0	0
4-Chloroaniline	2900		2100	ug/Kg	72	9	*		0	0	0
Hexachlorobutadiene	2900		3400	ug/Kg	117	0			0	0	0
Caprolactam	2900		2600	ug/Kg	90	3	*		0	0	0
4-Chloro-3-methylphenol	2900		3200	ug/Kg	110	*	4		26	103	33
1-Methylnaphthalene	2900		3300	ug/Kg	114	0			0	0	0
2-Methylnaphthalene	2900		3200	ug/Kg	110	4	*		0	0	0
Hexachlorocyclopentadiene	2900		1700	ug/Kg	59	5	*		0	0	0
2,4,6-Trichlorophenol	2900		3600	ug/Kg	124	3	*		0	0	0
2,4,5-Trichlorophenol	2900		3700	ug/Kg	128	3	*		0	0	0
1,1'-Biphenyl	2900		3300	ug/Kg	114	0			0	0	0
2-Chloronaphthalene	2900		3300	ug/Kg	114	0			0	0	0
2-Nitroaniline	2900		3100	ug/Kg	107	0			0	0	0
Dimethylphthalate	2900		3200	ug/Kg	110	0			0	0	0
2,6-Dinitrotoluene	2900		3500	ug/Kg	121	2	*		0	0	0
Acenaphthylene	2900		3200	ug/Kg	110	0			0	0	0
3-Nitroaniline	2900		3200	ug/Kg	110	3	*		0	0	0
Acenaphthene	2900		3200	ug/Kg	110	0			31	137	19
2,4-Dinitrophenol	2900		3300	ug/Kg	114	6	*		0	0	0
4-Nitrophenol	2900		3100	ug/Kg	107	3			11	114	50
Dibenzofuran	2900		3200	ug/Kg	110	0			0	0	0
2,4-Dinitrotoluene	2900		3300	ug/Kg	114	*	0		28	89	47
Diethylphthalate	2900		3100	ug/Kg	107	3	*		0	0	0
Fluorene	2900		3100	ug/Kg	107	0			0	0	0
4-Chlorophenyl-phenylether	2900		3100	ug/Kg	107	0			0	0	0
4-Nitroaniline	2900		3400	ug/Kg	117	3	*		0	0	0
4,6-Dinitro-2-methylphenol	2900		3700	ug/Kg	128	6	*		0	0	0
N-Nitrosodiphenylamine	2900		3600	ug/Kg	124	2	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	2900		3500	ug/Kg	121		0		0	0	0
4-Bromophenyl-phenylether	2900		3800	ug/Kg	131		2	*	0	0	0
Hexachlorobenzene	2900		2900	ug/Kg	100		3	*	0	0	0
Atrazine	2900		3400	ug/Kg	117		6	*	0	0	0
Pentachlorophenol	2900		3300	ug/Kg	114	*	4		17	109	47
Phenanthrene	2900	320	3600	ug/Kg	113		3	*	0	0	0
Pentachlorobenzene	2900		3300	ug/Kg	114		4	*	0	0	0
Anthracene	2900		3200	ug/Kg	110		3	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2900		4000	ug/Kg	138		5	*	0	0	0
Carbazole	2900		3000	ug/Kg	103		0		0	0	0
Di-n-butylphthalate	2900		3300	ug/Kg	114		0		0	0	0
Fluoranthene	2900	930	5000	ug/Kg	140		8	*	0	0	0
Pyrene	2900	590	3800	ug/Kg	111		0		35	142	36
Butylbenzylphthalate	2900		3800	ug/Kg	131		2	*	0	0	0
3,3'-Dichlorobenzidine	2900		2500	ug/Kg	86		12	*	0	0	0
Benzo(a)anthracene	2900	290	3700	ug/Kg	118		0		0	0	0
Chrysene	2900	380	3800	ug/Kg	118		0		0	0	0
Bis(2-ethylhexyl)phthalate	2900	160	3600	ug/Kg	119		2	*	0	0	0
Di-n-octylphthalate	2900		3300	ug/Kg	114		3	*	0	0	0
Benzo(b)fluoranthene	2900	450	3800	ug/Kg	116		6	*	0	0	0
Benzo(k)fluoranthene	2900	200	3400	ug/Kg	110		0		0	0	0
Benzo(a)pyrene	2900	160	1700	ug/Kg	53		0		0	0	0
Indeno(1,2,3-cd)pyrene	2900	150	2900	ug/Kg	95		8	*	0	0	0
Dibenzo(a,h)anthracene	2900		3900	ug/Kg	134		5	*	0	0	0
Benzo(g,h,i)perylene	2900		350	ug/Kg	12		9	*	0	0	0
2,3,4,6-Tetrachlorophenol	2900		3400	ug/Kg	117		3	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-08	A4BN7	BN032032.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	2.13	5	*	20	120
			Phenol-d5	40	24.84	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.73	59		10	150
			2-Chlorophenol-d4	40	28.71	72		15	120
			4-Methylphenol-d8	40	21.46	54		10	140
			Nitrobenzene-d5	40	28.09	70		10	135
			2-Nitrophenol-d4	40	29.55	74		10	120
			2,4-Dichlorophenol-d3	40	27.93	70		10	140
			4-Chloroaniline-d4	40	13.15	33		1	145
			Dimethylphthalate-d6	40	28.71	72		10	145
			Acenaphthylene-d8	40	28.54	71		15	120
			4-Nitrophenol-d4	40	20.85	52		10	150
			Fluorene-d10	40	28.33	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.14	60		10	130
			Anthracene-d10	40	30.03	75		10	150
			Pyrene-d10	40	33.40	83		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
P2696-09MS	A4BN7MS	BN032033.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Pyridine-d5	40	12.77	32		20	120
			Phenol-d5	40	32.01	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.37	73		10	150
			2-Chlorophenol-d4	40	36.37	91		15	120
			4-Methylphenol-d8	40	32.22	81		10	140
			Nitrobenzene-d5	40	36.44	91		10	135
			2-Nitrophenol-d4	40	39.11	98		10	120
			2,4-Dichlorophenol-d3	40	37.26	93		10	140
			4-Chloroaniline-d4	40	20.15	50		1	145
			Dimethylphthalate-d6	40	35.74	89		10	145
			Acenaphthylene-d8	40	35.76	89		15	120
			4-Nitrophenol-d4	40	27.97	70		10	150
			Fluorene-d10	40	35.22	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.96	92		10	130
			Anthracene-d10	40	35.26	88		10	150
			Pyrene-d10	40	38.90	97		10	130
			Benzo(a)pyrene-d12	40	22.36	56		10	140
P2696-10MSD	A4BN7MSD	BN032034.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	12.70	32		20	120
			Phenol-d5	40	31.27	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.05	73		10	150
			2-Chlorophenol-d4	40	35.45	89		15	120
			4-Methylphenol-d8	40	31.40	79		10	140
			Nitrobenzene-d5	40	35.21	88		10	135
			2-Nitrophenol-d4	40	38.09	95		10	120
			2,4-Dichlorophenol-d3	40	37.23	93		10	140
			4-Chloroaniline-d4	40	22.80	57		1	145
			Dimethylphthalate-d6	40	35.63	89		10	145
			Acenaphthylene-d8	40	35.26	88		15	120
			4-Nitrophenol-d4	40	26.94	67		10	150

Surrogate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-10MSD	A4BN7MSD	BN032034.D	Fluorene-d10	40	34.76	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.49	94		10	130
			Anthracene-d10	40	35.29	88		10	150
			Pyrene-d10	40	38.84	97		10	130
			Benzo(a)pyrene-d12	40	23.17	58		10	140
P2696-17	A4DG3	BN032030.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	0.27	1	*	20	120
			Phenol-d5	40	29.16	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.17	65		10	150
			2-Chlorophenol-d4	40	31.53	79		15	120
			4-Methylphenol-d8	40	30.98	77		10	140
			Nitrobenzene-d5	40	30.78	77		10	135
			2-Nitrophenol-d4	40	32.99	82		10	120
			2,4-Dichlorophenol-d3	40	35.45	89		10	140
			4-Chloroaniline-d4	40	26.20	65		1	145
			Dimethylphthalate-d6	40	35.01	88		10	145
			Acenaphthylene-d8	40	32.73	82		15	120
			4-Nitrophenol-d4	40	28.70	72		10	150
			Fluorene-d10	40	33.06	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.25	71		10	130
			Anthracene-d10	40	35.59	89		10	150
			Pyrene-d10	40	47.15	118		10	130
			Benzo(a)pyrene-d12	40	35.96	90		10	140
P2696-17DL	A4DG3DL	BN032031.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	28.69	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.47	66		10	150
			2-Chlorophenol-d4	40	31.45	79		15	120
			4-Methylphenol-d8	40	30.31	76		10	140
			Nitrobenzene-d5	40	30.60	76		10	135
			2-Nitrophenol-d4	40	30.82	77		10	120
			2,4-Dichlorophenol-d3	40	38.42	96		10	140
			4-Chloroaniline-d4	40	28.46	71		1	145
			Dimethylphthalate-d6	40	35.93	90		10	145
			Acenaphthylene-d8	40	34.86	87		15	120
			4-Nitrophenol-d4	40	29.50	74		10	150
			Fluorene-d10	40	37.01	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.11	50		10	130
			Anthracene-d10	40	38.78	97		10	150
			Pyrene-d10	40	50.15	125		10	130
			Benzo(a)pyrene-d12	40	37.14	93		10	140
PB161388BL	PB161388BL	BN032029.D	Pyridine-d5	40	27.86	70		20	120
			1,4-Dioxane-d8	8	5.48	68		15	120
			Phenol-d5	40	29.77	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.24	71		10	150
			2-Chlorophenol-d4	40	33.25	83		15	120
			4-Methylphenol-d8	40	31.38	78		10	140
			Nitrobenzene-d5	40	32.45	81		10	135
			2-Nitrophenol-d4	40	34.64	87		10	120



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

Surrogate Summary

SW-846

SDG No.: BN061724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161388BL	PB161388BL	BN032029.D	2,4-Dichlorophenol-d3	40	31.49	79		10	140
			4-Chloroaniline-d4	40	33.30	83		1	145
			Dimethylphthalate-d6	40	32.06	80		10	145
			Acenaphthylene-d8	40	31.97	80		15	120
			4-Nitrophenol-d4	40	27.18	68		10	150
			Fluorene-d10	40	31.41	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.75	67		10	130
			Anthracene-d10	40	33.39	83		10	150
			Pyrene-d10	40	40.01	100		10	130
			Benzo(a)pyrene-d12	40	32.89	82		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN061724

Lab Code: CHEM

SAS No.: BN061724

SDG NO.: BN061724

Lab File ID: BN032027.D

DFTPP Injection Date: 06/17/2024

Instrument ID: BNA_N

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.2
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	45.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	69.9
443	15.0 - 24.0% of mass 442	15.3 (21.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020294	SSTDCCC020	BN032028.D	06/17/2024	10:48
SBLK388	PB161388BL	BN032029.D	06/17/2024	11:38
A4DG3	P2696-17	BN032030.D	06/17/2024	12:23
A4DG3DL	P2696-17DL	BN032031.D	06/17/2024	13:18
A4BN7	P2696-08	BN032032.D	06/17/2024	14:13
A4BN7MS	P2696-09MS	BN032033.D	06/17/2024	14:52
A4BN7MSD	P2696-10MSD	BN032034.D	06/17/2024	15:31
SSTD020295	SSTDCCC020EC	BN032035.D	06/17/2024	16:21