

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072224 SAS No.: BP072224 SDG No.: BP072224

Instrument ID: BNA_P Calibration Date/Time: 7/22/2024 11:16

Lab File ID: BP021083.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020698 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.449	0.010	-7.198	40.0
Benzaldehyde	0.822	0.914	0.010	11.1692	40.0
Pyridine	1.312	1.220	0.010	-7.0667	40.0
Phenol	1.650	1.521	0.080	-7.8234	20.0
Bis(2-Chloroethyl) ether	1.363	1.194	0.100	-12.4132	20.0
2-Chlorophenol	1.346	1.242	0.200	-7.7449	20.0
2-Methylphenol	1.276	1.171	0.010	-8.206	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.679	0.010	-14.7576	40.0
Acetophenone	2.090	1.868	0.060	-10.6187	20.0
4-Methylphenol	1.367	1.238	0.010	-9.4183	20.0
N-Nitroso-di-n-propylamine	1.095	0.918	0.050	-16.2142	30.0
Hexachloroethane	0.605	0.516	0.100	-14.652	20.0
Nitrobenzene	0.372	0.347	0.050	-6.6328	25.0
Isophorone	0.740	0.648	0.050	-12.4473	25.0
2-Nitrophenol	0.185	0.174	0.050	-6.2047	25.0
2,4-Dimethylphenol	0.366	0.334	0.050	-8.595	25.0
Bis(2-Chloroethoxy) methane	0.450	0.385	0.050	-14.3522	20.0
2,4-Dichlorophenol	0.317	0.295	0.060	-6.8564	20.0
Naphthalene	1.052	0.996	0.200	-5.3296	20.0
4-Chloroaniline	0.407	0.385	0.010	-5.39	40.0
Hexachlorobutadiene	0.238	0.209	0.040	-11.8253	30.0
Caprolactam	0.098	0.093	0.010	-4.7566	40.0
4-Chloro-3-methylphenol	0.344	0.318	0.040	-7.6888	25.0
1-Methylnaphthalene	0.743	0.691	0.100	-7.0181	20.0
2-Methylnaphthalene	0.722	0.643	0.100	-10.8992	20.0
Hexachlorocyclopentadiene	0.340	0.333	0.010	-2.0097	40.0
2,4,6-Trichlorophenol	0.410	0.375	0.090	-8.6829	25.0
2,4,5-Trichlorophenol	0.434	0.401	0.100	-7.5906	25.0
1,1-Biphenyl	1.462	1.333	0.200	-8.7908	20.0
2-Chloronaphthalene	1.167	1.088	0.300	-6.7386	20.0
2-Nitroaniline	0.323	0.313	0.050	-3.1435	40.0
Dimethylphthalate	1.475	1.314	0.300	-10.9236	20.0
2,6-Dinitrotoluene	0.295	0.272	0.080	-7.6241	30.0
Acenaphthylene	1.848	1.730	0.400	-6.3906	20.0
3-Nitroaniline	0.257	0.275	0.010	7.0504	40.0
Acenaphthene	1.227	1.149	0.200	-6.3427	20.0
2,4-Dinitrophenol	0.155	0.196	0.010	26.7026	40.0
4-Nitrophenol	0.168	0.179	0.010	6.392	40.0
Dibenzofuran	1.680	1.609	0.300	-4.2153	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072224 SAS No.: BP072224 SDG No.: BP072224

Instrument ID: BNA_P Calibration Date/Time: 7/22/2024 11:16

Lab File ID: BP021083.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020698 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.406	0.070	0.3019	30.0
Diethylphthalate	1.474	1.278	0.300	-13.3132	20.0
Fluorene	1.371	1.323	0.200	-3.4966	20.0
4-Chlorophenyl-phenylether	0.744	0.681	0.100	-8.4952	20.0
4-Nitroaniline	0.213	0.274	0.010	28.7209	40.0
4,6-Dinitro-2-methylphenol	0.128	0.099	0.010	-23.2045	40.0
N-Nitrosodiphenylamine	0.582	0.513	0.050	-11.8693	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.589	0.100	-9.2457	20.0
4-Bromophenyl-phenylether	0.234	0.195	0.070	-16.8463	20.0
Hexachlorobenzene	0.269	0.236	0.050	-12.2437	25.0
Atrazine	0.212	0.192	0.010	-9.513	25.0
Pentachlorophenol	0.146	0.147	0.010	0.8821	40.0
Phenanthrene	1.038	0.982	0.200	-5.388	20.0
Pentachlorobenzene	0.318	0.275	0.050	-13.598	20.0
Anthracene	1.058	1.007	0.200	-4.7998	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.274	0.050	-14.3292	20.0
Carbazole	0.865	0.903	0.050	4.4162	40.0
Di-n-butylphthalate	1.193	1.003	0.500	-15.943	25.0
Fluoranthene	1.493	1.203	0.400	-19.4657	25.0
Pyrene	1.520	1.259	0.400	-17.1505	25.0
Butylbenzylphthalate	0.633	0.488	0.100	-22.9356	40.0
3,3-Dichlorobenzidine	0.457	0.410	0.010	-10.2636	40.0
Benzo (a) anthracene	1.401	1.272	0.300	-9.1942	30.0
Chrysene	1.302	1.214	0.200	-6.7219	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.662	0.200	-27.3793	40.0
Di-n-octyl phthalate	1.321	0.960	0.010	-27.334	40.0
Benzo (b) fluoranthene	1.214	1.084	0.200	-10.6578	25.0
Benzo (k) fluoranthene	1.211	1.092	0.200	-9.8491	25.0
Benzo (a) pyrene	1.147	1.047	0.200	-8.7471	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.338	0.200	-9.4539	25.0
Dibenzo (a,h) anthracene	1.224	1.115	0.200	-8.8958	30.0
Benzo (g,h,i) perylene	1.204	1.105	0.200	-8.2305	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.341	0.040	-8.3074	20.0
1,4-Dioxane-d8	0.440	0.420	0.010	-4.4735	25.0
Pyridine-d5	1.272	1.153	0.010	-9.3634	40.0
Phenol-d5	1.631	1.521	0.010	-6.7111	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.868	0.050	-12.1339	25.0
2-Chlorophenol-d4	1.343	1.244	0.200	-7.4274	20.0
4-Methylphenol-d8	1.354	1.197	0.010	-11.6231	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP072224 SAS No.: BP072224 SDG No.: BP072224
 Instrument ID: BNA_P Calibration Date/Time: 7/22/2024 11:16
 Lab File ID: BP021083.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020698 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.146	0.050	-5.85	20.0
2-Nitrophenol-d4	0.178	0.165	0.050	-7.4007	30.0
2,4-Dichlorophenol-d3	0.322	0.300	0.060	-6.8418	20.0
4-Chloroaniline-d4	0.426	0.402	0.010	-5.6609	40.0
Dimethylphthalate-d6	1.454	1.303	0.300	-10.3983	20.0
Acenaphthylene-d8	1.633	1.542	0.400	-5.5317	20.0
4-Nitrophenol-d4	0.207	0.151	0.010	-26.8178	40.0
Fluorene-d10	1.193	1.146	0.100	-3.9361	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.095	0.010	-21.7847	40.0
Anthracene-d10	0.888	0.853	0.300	-3.9323	20.0
Pyrene-d10	1.236	1.028	0.300	-16.8886	25.0
Benzo(a)pyrene-d12	0.986	0.903	0.010	-8.435	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP072224
Lab Sample ID:	PB162089BL	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
BP021084.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP072224
Lab Sample ID:	PB162089BL	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
BP021084.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP072224
Lab Sample ID:	PB162089BL	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
BP021084.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.534		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.495		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.575		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.408		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.357		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.019		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.151		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.955		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.866		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.581		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.148		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.145		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.561		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.164		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK089	SDG No.:	BP072224
Lab Sample ID:	PB162089BL	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
BP021084.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.303		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.9		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	27.632		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.443		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197864	7.681				
1146-65-2	Naphthalene-d8	797761	10.44				
15067-26-2	Acenaphthene-d10	527030	14.292				
1517-22-2	Phenanthrene-d10	1137322	17.11				
1719-03-5	Chrysene-d12	1117932	21.563				
1520-96-3	Perylene-d12	1304960	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5	SDG No.:	BP072224
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021085.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	14.9	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	740	ug/Kg
110-86-1	Pyridine	74	U	74	370	740	ug/Kg
108-95-2	Phenol	97	U	97	190	740	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	90	U	90	190	740	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	95.8	380	ug/Kg
95-48-7	2-Methylphenol	88	U	88	190	740	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	740	ug/Kg
98-86-2	Acetophenone	90	U	90	190	740	ug/Kg
106-44-5	4-Methylphenol	83	U	83	190	740	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	95.8	380	ug/Kg
67-72-1	Hexachloroethane	41	U	41	95.8	380	ug/Kg
98-95-3	Nitrobenzene	70	U	70	95.8	380	ug/Kg
78-59-1	Isophorone	110	U	110	95.8	380	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	95.8	380	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	95.8	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	97	U	97	95.8	380	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	95.8	380	ug/Kg
91-20-3	Naphthalene	56	U	56	95.8	380	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	95.8	740	ug/Kg
87-68-3	Hexachlorobutadiene	99	U	99	95.8	380	ug/Kg
105-60-2	Caprolactam	160	U	160	190	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	95.8	380	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	95.8	380	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	95.8	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	190	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	95.8	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88	U	88	95.8	380	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5	SDG No.:	BP072224
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021085.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	95.8	380	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	95.8	380	ug/Kg
88-74-4	2-Nitroaniline	92	U	92	95.8	380	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	95.8	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	99	U	99	95.8	380	ug/Kg
208-96-8	Acenaphthylene	72	U	72	95.8	380	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	190	740	ug/Kg
83-32-9	Acenaphthene	65	U	65	95.8	380	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	740	ug/Kg
100-02-7	4-Nitrophenol	99	U	99	190	740	ug/Kg
132-64-9	Dibenzofuran	72	U	72	95.8	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97	U	97	95.8	380	ug/Kg
84-66-2	Diethylphthalate	68	U	68	95.8	380	ug/Kg
86-73-7	Fluorene	56	U	56	95.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	95.8	380	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	190	740	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	190	740	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	95.8	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	95.8	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	95.8	380	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	95.8	380	ug/Kg
1912-24-9	Atrazine	160	U	160	190	740	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	740	ug/Kg
85-01-8	Phenanthrene	830		65	95.8	380	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	95.8	380	ug/Kg
120-12-7	Anthracene	140	J	56	95.8	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	95.8	380	ug/Kg
86-74-8	Carbazole	97	J	63	190	740	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	95.8	380	ug/Kg
206-44-0	Fluoranthene	1500		120	190	380	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5	SDG No.:	BP072224
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021085.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		110	95.8	380	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	95.8	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	740	ug/Kg
56-55-3	Benzo(a)anthracene	680		61	95.8	380	ug/Kg
218-01-9	Chrysene	870		70	95.8	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	490		220	95.8	380	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	190	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		74	95.8	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	360	J	86	95.8	380	ug/Kg
50-32-8	Benzo(a)pyrene	440		72	95.8	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	J	70	95.8	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	63	95.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	59	95.8	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	95.8	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.586		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.142		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.807		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.323		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	10.994		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	14.76		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.104		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.977		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.096		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.985		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.726		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.265		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	16.673		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5	SDG No.:	BP072224
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021085.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.435		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	15.732		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	13.544		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.899		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181812	7.681				
1146-65-2	Naphthalene-d8	745486	10.44				
15067-26-2	Acenaphthene-d10	483675	14.292				
1517-22-2	Phenanthrene-d10	1043866	17.104				
1719-03-5	Chrysene-d12	991868	21.557				
1520-96-3	Perylene-d12	1207215	24.863				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.187	
	unknown-01	320	J			14.516	
000057-10-3	n-Hexadecanoic acid	690	J			18.039	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			18.216	
000057-11-4	Octadecanoic acid	240	J			19.369	
002381-21-7	Pyrene, 1-methyl-	210	J			20.151	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	180	J			21.174	
	(DEL) Alkane: Cyclic21.210	660	J			21.21	
	(DEL) Alkane: Straight-Chain22.386	660	J			22.386	
	(DEL) Alkane: Straight-Chain22.427	600	J			22.427	
072934-04-4	Nonacosanal	500	J			23.468	
	(DEL) Alkane: Straight-Chain23.945	1900	J			23.945	
000661-19-8	Behenic alcohol	610	J			24.033	
022725-64-0	Octacosanal	1400	J			25.457	
	(DEL) Alkane: Straight-Chain26.086	1100	J			26.086	
007390-81-0	Oxirane, hexadecyl-	510	J			28.286	
000545-47-1	Lupeol	870	J			32.403	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5	SDG No.:	BP072224
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021085.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	4900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6	SDG No.:	BP072224
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021086.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12.1	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	79	U	79	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77.7	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	73	U	73	150	600	ug/Kg
106-44-5	4-Methylphenol	68	U	68	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	77.7	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77.7	310	ug/Kg
98-95-3	Nitrobenzene	57	U	57	77.7	310	ug/Kg
78-59-1	Isophorone	88	U	88	77.7	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.7	310	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	77.7	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	77.7	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77.7	310	ug/Kg
91-20-3	Naphthalene	46	U	46	77.7	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	77.7	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77.7	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90	U	90	77.7	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77.7	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77.7	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90	U	90	77.7	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77.7	310	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6	SDG No.:	BP072224
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021086.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	77.7	310	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	77.7	310	ug/Kg
88-74-4	2-Nitroaniline	75	U	75	77.7	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77.7	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77.7	310	ug/Kg
208-96-8	Acenaphthylene	59	U	59	77.7	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	78	J	53	77.7	310	ug/Kg
51-28-5	2,4-Dinitrophenol	88	U	88	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	59	U	59	77.7	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	77.7	310	ug/Kg
84-66-2	Diethylphthalate	55	U	55	77.7	310	ug/Kg
86-73-7	Fluorene	83	J	46	77.7	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	77.7	310	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77.7	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	77.7	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77.7	310	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	77.7	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	150	600	ug/Kg
85-01-8	Phenanthrene	1100		53	77.7	310	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	77.7	310	ug/Kg
120-12-7	Anthracene	210	J	46	77.7	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77.7	310	ug/Kg
86-74-8	Carbazole	130	J	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77.7	310	ug/Kg
206-44-0	Fluoranthene	1600		99	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6	SDG No.:	BP072224
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021086.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		90	77.7	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77.7	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	730		49	77.7	310	ug/Kg
218-01-9	Chrysene	900		57	77.7	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	J	180	77.7	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		60	77.7	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	380		69	77.7	310	ug/Kg
50-32-8	Benzo(a)pyrene	470		59	77.7	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		57	77.7	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	51	77.7	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	J	48	77.7	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77.7	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.616		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.627		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.559		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.103		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.696		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.441		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.913		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.445		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.051		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.702		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.504		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.639		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	17.678		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6	SDG No.:	BP072224
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021086.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.383		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	16.562		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	13.926		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.712		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	205182	7.681				
1146-65-2	Naphthalene-d8	830172	10.44				
15067-26-2	Acenaphthene-d10	540849	14.293				
1517-22-2	Phenanthrene-d10	1191207	17.11				
1719-03-5	Chrysene-d12	1156775	21.557				
1520-96-3	Perylene-d12	1383936	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.187	
000057-10-3	n-Hexadecanoic acid	360	J			18.034	
000832-64-4	Phenanthrene, 4-methyl-	190	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			18.21	
000084-65-1	9,10-Anthracenedione	160	J			18.592	
	(DEL) Alkane: Cyclic21.216	270	J			21.216	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072224
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021087.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.3	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	J	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.3	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.3	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.3	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.3	210	ug/Kg
91-20-3	Naphthalene	400		31	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.3	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	180	J	41	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	220		29	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072224
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021087.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	J	30	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.3	210	ug/Kg
208-96-8	Acenaphthylene	160	J	40	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	810		36	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	600		40	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.3	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.3	210	ug/Kg
86-73-7	Fluorene	900		31	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.3	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	8700	E	36	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.3	210	ug/Kg
120-12-7	Anthracene	2100		31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.3	210	ug/Kg
86-74-8	Carbazole	1200		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.3	210	ug/Kg
206-44-0	Fluoranthene	8700	E	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072224
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021087.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6000	E	61	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4500	E	34	53.3	210	ug/Kg
218-01-9	Chrysene	4600	E	39	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		120	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	5300	E	41	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		40	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		39	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	640		35	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		33	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.558		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.153	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	29.793		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.293		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.278		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.188		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.681		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.704		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.171		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.405		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.66		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.606		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.603		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	34.191		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072224
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021087.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.661		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	32.046		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	25.463		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.522		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158240	7.681				
1146-65-2	Naphthalene-d8	648983	10.44				
15067-26-2	Acenaphthene-d10	446365	14.298				
1517-22-2	Phenanthrene-d10	1032128	17.122				
1719-03-5	Chrysene-d12	973385	21.58				
1520-96-3	Perylene-d12	1253906	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.187	
006344-67-8	9H-Fluoren-3-ol	260	J			15.675	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	290	J			15.822	
001730-37-6	9H-Fluorene, 1-methyl-	270	J			16.404	
042224-48-6	2-[2-Phenylethenyl]phenol	170	J			16.639	
000486-25-9	9H-Fluoren-9-one	390	J			16.775	
321732-25-6	Dehydrochamazulene	260	J			16.851	
000132-65-0	Dibenzothiophene	530	J			16.927	
000260-94-6	Acridine	230	J			17.327	
002444-68-0	Anthracene, 9-ethenyl-	160	J			17.651	
	unknown-01	330	J			17.721	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	170	J			17.863	
002531-84-2	Phenanthrene, 2-methyl-	1100	J			18.022	
000832-69-9	Phenanthrene, 1-methyl-	1500	J			18.069	
000613-12-7	Anthracene, 2-methyl-	370	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1800	J			18.227	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	600	J			18.269	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072224
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021087.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003770-48-7	4-Methylcarbazole	240	J			18.345	
000612-94-2	Naphthalene, 2-phenyl-	670	J			18.545	
000084-65-1	9,10-Anthracenedione	840	J			18.604	
003674-69-9	Phenanthrene, 4,5-dimethyl-	210	J			18.798	
001576-67-6	Phenanthrene, 3,6-dimethyl-	160	J			18.851	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.892	
002789-88-0	di-p-Tolylacetylene	450	J			18.98	
000081-84-5	Naphthalic anhydride	270	J			19.045	
005737-13-3	Cyclopenta(def)phenanthrenone	590	J			19.145	
000243-17-4	11H-Benzo[b]fluorene	170	J			20.163	
027208-37-3	Cyclopenta[cd]pyrene	160	J			21.227	
000198-55-0	Perylene	920	J			24.104	
000192-97-2	Benzo[e]pyrene	1000	J			24.592	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MS	SDG No.:	BP072224
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021088.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	1100		56	100	410	ug/Kg
110-86-1	Pyridine	590		41	210	410	ug/Kg
108-95-2	Phenol	1200		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	980		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1100		29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	1100		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		75	100	410	ug/Kg
98-86-2	Acetophenone	1100		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	730		22	53.1	210	ug/Kg
98-95-3	Nitrobenzene	1100		39	53.1	210	ug/Kg
78-59-1	Isophorone	1000		60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		20	53.1	210	ug/Kg
91-20-3	Naphthalene	1400		31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	570		30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	1000		55	53.1	210	ug/Kg
105-60-2	Caprolactam	1300		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MS	SDG No.:	BP072224
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021088.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		32	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	1300		51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	1100		36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	1200		40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	1200		55	100	410	ug/Kg
83-32-9	Acenaphthene	1700		36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	670		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1500		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	1100		37	53.1	210	ug/Kg
86-73-7	Fluorene	1800		31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	1500		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	890		40	53.1	210	ug/Kg
1912-24-9	Atrazine	870		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1000		92	100	410	ug/Kg
85-01-8	Phenanthrene	7800	E	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	1000		65	53.1	210	ug/Kg
120-12-7	Anthracene	2700		31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		62	53.1	210	ug/Kg
86-74-8	Carbazole	2000		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1100		76	53.1	210	ug/Kg
206-44-0	Fluoranthene	7200	E	67	100	210	ug/Kg



Client:				Date Collected:	7/11/2024 12:00:00 AM	
Project:				Date Received:	7/11/2024 12:00:00 AM	
Client Sample ID:	A4BE6MS			SDG No.:	BP072224	
Lab Sample ID:	P3238-02MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	20.2	
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021088.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5200	E	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		100	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	420		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4500	E	34	53.1	210	ug/Kg
218-01-9	Chrysene	4500	E	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4700	E	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600		47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		32	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.346		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	9.133		20-120		23	SPK: -40
4165-62-2	Phenol-d5	22.162		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.241		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.085		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.465		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.148		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.633		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.269		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.802		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.305		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.462		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.148		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	25.019		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MS	SDG No.:	BP072224
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021088.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.21		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	24.733		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	19.108		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.31		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223984	7.681				
1146-65-2	Naphthalene-d8	900700	10.434				
15067-26-2	Acenaphthene-d10	591705	14.298				
1517-22-2	Phenanthrene-d10	1238486	17.11				
1719-03-5	Chrysene-d12	1138270	21.574				
1520-96-3	Perylene-d12	1445759	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MSD	SDG No.:	BP072224
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021089.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	1200		56	100	410	ug/Kg
110-86-1	Pyridine	620		41	210	410	ug/Kg
108-95-2	Phenol	1200		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1100		29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	1100		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		75	100	410	ug/Kg
98-86-2	Acetophenone	1100		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	990		64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	730		23	53.1	210	ug/Kg
98-95-3	Nitrobenzene	1100		39	53.1	210	ug/Kg
78-59-1	Isophorone	1000		60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	970		54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		20	53.1	210	ug/Kg
91-20-3	Naphthalene	1400		31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	600		30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	1000		55	53.1	210	ug/Kg
105-60-2	Caprolactam	1300		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MSD	SDG No.:	BP072224
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021089.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	1300		51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	1100		36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	1200		40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	1200		55	100	410	ug/Kg
83-32-9	Acenaphthene	1700		36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	700		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1600		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	1100		38	53.1	210	ug/Kg
86-73-7	Fluorene	1900		31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	1600		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	880		40	53.1	210	ug/Kg
1912-24-9	Atrazine	860		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1000		93	100	410	ug/Kg
85-01-8	Phenanthrene	7600	E	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	970		65	53.1	210	ug/Kg
120-12-7	Anthracene	2700		31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	950		63	53.1	210	ug/Kg
86-74-8	Carbazole	2100		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1100		76	53.1	210	ug/Kg
206-44-0	Fluoranthene	7400	E	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MSD	SDG No.:	BP072224
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021089.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5300	E	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		110	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4500	E	34	53.1	210	ug/Kg
218-01-9	Chrysene	4700	E	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	990		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4900	E	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	2100		40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.305		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	9.342		20-120		23	SPK: -40
4165-62-2	Phenol-d5	22.711		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.387		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.402		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.136		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.843		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.794		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.064		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.318		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.409		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.62		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.771		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	25.599		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6MSD	SDG No.:	BP072224
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021089.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.96		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.765		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	19.145		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.288		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192369	7.681				
1146-65-2	Naphthalene-d8	802804	10.439				
15067-26-2	Acenaphthene-d10	538451	14.298				
1517-22-2	Phenanthrene-d10	1215995	17.116				
1719-03-5	Chrysene-d12	1141893	21.58				
1520-96-3	Perylene-d12	1477305	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8	SDG No.:	BP072224
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021090.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.9	220	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	53.9	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.9	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.9	220	ug/Kg
78-59-1	Isophorone	61	U	61	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.9	220	ug/Kg
91-20-3	Naphthalene	110	J	32	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	53.9	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	47	J	42	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	65	J	29	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8	SDG No.:	BP072224
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021090.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	53.9	220	ug/Kg
208-96-8	Acenaphthylene	72	J	41	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	260		37	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	120	J	41	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	53.9	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.9	220	ug/Kg
86-73-7	Fluorene	260		32	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	53.9	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	3100		37	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.9	220	ug/Kg
120-12-7	Anthracene	520		32	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.9	220	ug/Kg
86-74-8	Carbazole	300	J	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.9	220	ug/Kg
206-44-0	Fluoranthene	3000		68	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8	SDG No.:	BP072224
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021090.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		62	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1500		34	53.9	220	ug/Kg
218-01-9	Chrysene	1700		39	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		120	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		42	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		48	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	810		41	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		39	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		36	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	33	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.485		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	1.447	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	21.715		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.75		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.959		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.155		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.795		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.017		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.588		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.267		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.654		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.278		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.854		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.489		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8	SDG No.:	BP072224
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021090.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.388		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	25.855		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	20.579		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.025		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181619	7.681				
1146-65-2	Naphthalene-d8	750234	10.44				
15067-26-2	Acenaphthene-d10	492619	14.304				
1517-22-2	Phenanthrene-d10	1053223	17.122				
1719-03-5	Chrysene-d12	1004400	21.569				
1520-96-3	Perylene-d12	1211625	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.181	
	unknown-01	130	J			14.528	
000486-25-9	9H-Fluoren-9-one	120	J			16.775	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	130	J			16.863	
000132-65-0	Dibenzothiophene	200	J			16.939	
031317-07-4	1-Methyldibenzothiophene	120	J			17.716	
016587-52-3	Dibenzothiophene, 3-methyl-	92	J			17.869	
002531-84-2	Phenanthrene, 2-methyl-	320	J			18.022	
000203-64-5	4H-Cyclopenta[def]phenanthrene	630	J			18.233	
000613-12-7	Anthracene, 2-methyl-	200	J			18.269	
003770-48-7	4-Methylcarbazole	95	J			18.339	
000612-94-2	Naphthalene, 2-phenyl-	260	J			18.545	
000084-65-1	9,10-Anthracenedione	340	J			18.61	
003674-69-9	Phenanthrene, 4,5-dimethyl-	94	J			18.798	
003674-66-6	Phenanthrene, 2,5-dimethyl-	200	J			18.986	
000081-84-5	Naphthalic anhydride	89	J			19.039	
005737-13-3	Cyclopenta(def)phenanthrenone	160	J			19.145	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8	SDG No.:	BP072224
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021090.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	90	J			19.969	
033543-31-6	Fluoranthene, 2-methyl-	130	J			20.157	
000238-84-6	11H-Benzo[a]fluorene	99	J			20.257	
002381-21-7	Pyrene, 1-methyl-	130	J			20.316	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			21.133	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	120	J			21.174	
027208-37-3	Cyclopenta[cd]pyrene	180	J			21.221	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04	SDG No.:	BP072224
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021091.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	11	110	ug/Kg
100-52-7	Benzaldehyde	75	U	75	140	550	ug/Kg
110-86-1	Pyridine	55	U	55	270	550	ug/Kg
108-95-2	Phenol	71	U	71	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	140	550	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	70.6	280	ug/Kg
95-48-7	2-Methylphenol	65	U	65	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	550	ug/Kg
98-86-2	Acetophenone	66	U	66	140	550	ug/Kg
106-44-5	4-Methylphenol	61	U	61	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	70.6	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	70.6	280	ug/Kg
98-95-3	Nitrobenzene	51	U	51	70.6	280	ug/Kg
78-59-1	Isophorone	80	U	80	70.6	280	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	70.6	280	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	70.6	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	70.6	280	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	70.6	280	ug/Kg
91-20-3	Naphthalene	140	J	42	70.6	280	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	70.6	550	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	70.6	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81	U	81	70.6	280	ug/Kg
90-12-0	1-Methylnaphthalene	59	J	55	70.6	280	ug/Kg
91-57-6	2-Methylnaphthalene	76	J	38	70.6	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	70.6	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	70.6	280	ug/Kg



Client:				Date Collected:	7/11/2024 12:00:00 AM	
Project:				Date Received:	7/11/2024 12:00:00 AM	
Client Sample ID:	A4C04			SDG No.:	BP072224	
Lab Sample ID:	P3238-17			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	40	
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
BP021091.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	70.6	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	70.6	280	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	70.6	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	70.6	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	70.6	280	ug/Kg
208-96-8	Acenaphthylene	62	J	53	70.6	280	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	140	550	ug/Kg
83-32-9	Acenaphthene	340		48	70.6	280	ug/Kg
51-28-5	2,4-Dinitrophenol	80	U	80	140	550	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	140	550	ug/Kg
132-64-9	Dibenzofuran	210	J	53	70.6	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	71	U	71	70.6	280	ug/Kg
84-66-2	Diethylphthalate	50	U	50	70.6	280	ug/Kg
86-73-7	Fluorene	400		42	70.6	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	70.6	280	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	70.6	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	70.6	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	70.6	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	70.6	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	550	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	550	ug/Kg
85-01-8	Phenanthrene	4000		48	70.6	280	ug/Kg
608-93-5	Pentachlorobenzene	86	U	86	70.6	280	ug/Kg
120-12-7	Anthracene	810		42	70.6	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	83	U	83	70.6	280	ug/Kg
86-74-8	Carbazole	530	J	47	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	70.6	280	ug/Kg
206-44-0	Fluoranthene	4400		90	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04	SDG No.:	BP072224
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021091.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3200		81	70.6	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	70.6	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	2100		45	70.6	280	ug/Kg
218-01-9	Chrysene	2300		51	70.6	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560		160	70.6	280	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		55	70.6	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		63	70.6	280	ug/Kg
50-32-8	Benzo(a)pyrene	1100		53	70.6	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750		51	70.6	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310		47	70.6	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	43	70.6	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	70.6	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.388		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.154	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	19.244		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.728		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.637		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.73		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.43		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.079		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.8		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.322		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.784		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.948		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.087		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.939		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04	SDG No.:	BP072224
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021091.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.55		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	22.452		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	18.739		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.972		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188362	7.687				
1146-65-2	Naphthalene-d8	774264	10.445				
15067-26-2	Acenaphthene-d10	515879	14.31				
1517-22-2	Phenanthrene-d10	1184572	17.127				
1719-03-5	Chrysene-d12	1121372	21.58				
1520-96-3	Perylene-d12	1407878	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.198	
039029-41-9	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	370	J			14.528	
000486-25-9	9H-Fluoren-9-one	140	J			16.774	
000132-65-0	Dibenzothiophene	220	J			16.933	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	260	J			17.733	
000832-69-9	Phenanthrene, 1-methyl-	790	J			18.045	
002531-84-2	Phenanthrene, 2-methyl-	670	J			18.086	
000613-12-7	Anthracene, 2-methyl-	220	J			18.163	
000203-64-5	4H-Cyclopenta[def]phenanthrene	990	J			18.227	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	310	J			18.269	
000612-94-2	Naphthalene, 2-phenyl-	320	J			18.551	
000084-65-1	9,10-Anthracenedione	550	J			18.61	
003674-66-6	Phenanthrene, 2,5-dimethyl-	240	J			18.98	
000057-11-4	Octadecanoic acid	120	J			19.392	
002381-21-7	Pyrene, 1-methyl-	120	J			19.998	
000243-17-4	11H-Benzo[b]fluorene	220	J			20.163	
000238-84-6	11H-Benzo[a]fluorene	150	J			20.268	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04	SDG No.:	BP072224
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021091.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.968	
027208-37-3	Cyclopenta[cd]pyrene	290	J			21.227	
	unknown-01	230	J			21.38	
	(DEL) Alkane: Straight-Chain22.415	210	J			22.415	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7	SDG No.:	BP072224
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021092.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.4	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.6	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.6	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.6	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.6	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7	SDG No.:	BP072224
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021092.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.6	190	ug/Kg
208-96-8	Acenaphthylene	46	J	37	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.4	380	ug/Kg
83-32-9	Acenaphthene	90	J	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	48	J	37	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.6	190	ug/Kg
86-73-7	Fluorene	80	J	29	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.6	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.4	380	ug/Kg
85-01-8	Phenanthrene	800		33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.6	190	ug/Kg
120-12-7	Anthracene	200		29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.6	190	ug/Kg
86-74-8	Carbazole	110	J	32	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	1000		62	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7	SDG No.:	BP072224
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021092.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		56	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	470		31	48.6	190	ug/Kg
218-01-9	Chrysene	510		35	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	630		38	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	270		37	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		35	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82	J	32	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.143		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	4.111	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	20.824		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.259		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.896		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.08		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	20.621		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.499		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.449		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.527		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.425		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.416		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.854		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.81		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7	SDG No.:	BP072224
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021092.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.451		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	21.802		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	18.343		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.194		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217399	7.681				
1146-65-2	Naphthalene-d8	896425	10.44				
15067-26-2	Acenaphthene-d10	577913	14.31				
1517-22-2	Phenanthrene-d10	1268555	17.122				
1719-03-5	Chrysene-d12	1175459	21.563				
1520-96-3	Perylene-d12	1391366	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	93	J			3.517	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	82	J			7.305	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.187	
000501-94-0	Benzeneethanol, 4-hydroxy-unknown-01	110	J			13.487	
		1200	J			14.528	
010030-73-6	(E)-Hexadec-9-enoic acid	89	J			17.928	
005561-99-9	cis-11-Eicosenoic acid	210	J			17.992	
000057-10-3	n-Hexadecanoic acid	670	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.228	
000084-65-1	9,10-Anthracenedione	100	J			18.604	
005737-13-3	Cyclopenta(def)phenanthrenone	100	J			19.133	
002381-21-7	Pyrene, 1-methyl-	98	J			20.157	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	220	J			21.216	
	(DEL) Alkane: Straight-Chain22.392	83	J			22.392	
015594-90-8	1-Heneicosanol	160	J			22.433	
	(DEL) Alkane: Straight-Chain23.945	810	J			23.945	
1000333-91-9	1-Docosanol, methyl ether	340	J			24.027	

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7	SDG No.:	BP072224
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021092.D	1	7/16/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	26.086				26.086	
E966796	Total Alkanes	3100	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BP072224
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021093.D	1	7/15/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	230	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	450	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.2	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	55	U	55	110	450	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	70	58.2	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.2	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	58.2	230	ug/Kg
78-59-1	Isophorone	66	U	66	58.2	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	58.2	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	58.2	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.2	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.2	230	ug/Kg
91-20-3	Naphthalene	34	U	34	58.2	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.2	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	58.2	230	ug/Kg
105-60-2	Caprolactam	99	U	99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	58.2	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	58.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	58.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	58.2	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BP072224
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021093.D	1	7/15/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.2	230	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.2	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	58.2	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.2	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	58.2	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.2	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.2	230	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.2	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.2	230	ug/Kg
86-73-7	Fluorene	34	U	34	58.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	58.2	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	58.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.2	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.2	230	ug/Kg
1912-24-9	Atrazine	97	U	97	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	120	J	40	58.2	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	58.2	230	ug/Kg
120-12-7	Anthracene	34	U	34	58.2	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	58.2	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.2	230	ug/Kg
206-44-0	Fluoranthene	160	J	74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BP072224
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021093.D	1	7/15/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	67	58.2	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	86	J	37	58.2	230	ug/Kg
218-01-9	Chrysene	100	J	42	58.2	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.2	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	45	58.2	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	58.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	44	58.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	J	42	58.2	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	58.2	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	J	36	58.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	58.2	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.684		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.496		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.438		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.442		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.53		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.055		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	23.761		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.952		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.287		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.992		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.098		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.46		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.734		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	26.895		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BP072224
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021093.D	1	7/15/2024 12:00:00 AM	7/22/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.799		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	25.204		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	23.734		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.854		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202562	7.681				
1146-65-2	Naphthalene-d8	854679	10.44				
15067-26-2	Acenaphthene-d10	554835	14.316				
1517-22-2	Phenanthrene-d10	1226739	17.122				
1719-03-5	Chrysene-d12	1134272	21.569				
1520-96-3	Perylene-d12	1368381	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			14.528	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	120	J			15.587	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	150	J			16.992	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-	94	J			17.034	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	96	J			17.298	
038444-87-0	1,1-Biphenyl, 3,3,5-trichloro-	130	J			17.581	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	270	J			17.734	
000057-10-3	n-Hexadecanoic acid	170	J			18.051	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	160	J			18.222	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	120	J			18.281	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	110	J			18.516	
	(DEL) Alkane: Straight-Chain21.222	180	J			21.222	
E966796	Total Alkanes	180				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CJ7								
P3215-22	A4CJ7	Solid	(DEL) Alkane: Straight-Chain21.2	*	180.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo	*	160.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	150.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	120.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2-dichloro-	*	120.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	110.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	270.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	96.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,4,5-trichloro-	*	94.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 3,3,5-trichloro-	*	130.000	J		
P3215-22	A4CJ7	Solid	n-Hexadecanoic acid	*	170.000	J		
P3215-22	A4CJ7	Solid	unknown-01	*	110.000	J		
P3215-22	A4CJ7	Solid	Total Alkanes	*	180.000		33	230 ug/Kg
Total Tics :					1,890.00			
P3215-22	A4CJ7	Solid	Benzo(a)anthracene		86.000	J	37	230 ug/Kg
P3215-22	A4CJ7	Solid	Benzo(a)pyrene		84.000	J	44	230 ug/Kg
P3215-22	A4CJ7	Solid	Benzo(b)fluoranthene		120.000	J	45	230 ug/Kg
P3215-22	A4CJ7	Solid	Benzo(g,h,i)perylene		55.000	J	36	230 ug/Kg
P3215-22	A4CJ7	Solid	Chrysene		100.000	J	42	230 ug/Kg
P3215-22	A4CJ7	Solid	Fluoranthene		160.000	J	74	230 ug/Kg
P3215-22	A4CJ7	Solid	Indeno(1,2,3-cd)pyrene		46.000	J	42	230 ug/Kg
P3215-22	A4CJ7	Solid	Phenanthrene		120.000	J	40	230 ug/Kg
P3215-22	A4CJ7	Solid	Pyrene		160.000	J	67	230 ug/Kg
Total Svoc :					931.00			
Total Concentration:					2,821.00			
Client ID : A4BE6								
P3238-01	A4BE6	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	290.000	J		
P3238-01	A4BE6	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P3238-01	A4BE6	Solid	11H-Benzo[b]fluorene	*	170.000	J		
P3238-01	A4BE6	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	600.000	J		
P3238-01	A4BE6	Solid	2-[2-Phenylethenyl]phenol	*	170.000	J		
P3238-01	A4BE6	Solid	4-Methylcarbazole	*	240.000	J		
P3238-01	A4BE6	Solid	4-Methylnaphtho[1,2-b]thiophene	*	170.000	J		
P3238-01	A4BE6	Solid	4H-Cyclopenta[def]phenanthrene	*	1,800.000	J		
P3238-01	A4BE6	Solid	9,10-Anthracenedione	*	840.000	J		
P3238-01	A4BE6	Solid	9H-Fluoren-3-ol	*	260.000	J		
P3238-01	A4BE6	Solid	9H-Fluoren-9-one	*	390.000	J		

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-01	A4BE6	Solid	9H-Fluorene, 1-methyl-	*	270.000	J		
P3238-01	A4BE6	Solid	Acridine	*	230.000	J		
P3238-01	A4BE6	Solid	Anthracene, 2-methyl-	*	370.000	J		
P3238-01	A4BE6	Solid	Anthracene, 9-ethenyl-	*	160.000	J		
P3238-01	A4BE6	Solid	Benzo[e]pyrene	*	1,000.000	J		
P3238-01	A4BE6	Solid	Cyclopenta(def)phenanthrenone	*	590.000	J		
P3238-01	A4BE6	Solid	Cyclopenta[cd]pyrene	*	160.000	J		
P3238-01	A4BE6	Solid	Dehydrochamazulene	*	260.000	J		
P3238-01	A4BE6	Solid	di-p-Tolylacetylene	*	450.000	J		
P3238-01	A4BE6	Solid	Dibenzothiophene	*	530.000	J		
P3238-01	A4BE6	Solid	Naphthalene, 2-phenyl-	*	670.000	J		
P3238-01	A4BE6	Solid	Naphthalic anhydride	*	270.000	J		
P3238-01	A4BE6	Solid	Perylene	*	920.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 1-methyl-	*	1,500.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 2-methyl-	*	1,100.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 3,6-dimethyl-	*	160.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 4,5-dimethyl-	*	210.000	J		
P3238-01	A4BE6	Solid	unknown-01	*	330.000	J		
P3238-01	A4BE6	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					14,450.00			
P3238-01	A4BE6	Solid	1,1-Biphenyl		59.000	J 30	210	ug/Kg
P3238-01	A4BE6	Solid	1-Methylnaphthalene		180.000	J 41	210	ug/Kg
P3238-01	A4BE6	Solid	2-Methylnaphthalene		220.000	29	210	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthene		810.000	36	210	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthylene		160.000	J 40	210	ug/Kg
P3238-01	A4BE6	Solid	Acetophenone		50.000	J 50	410	ug/Kg
P3238-01	A4BE6	Solid	Anthracene		2,100.000	31	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)anthracene		4,500.000	E 34	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)pyrene		2,100.000	40	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(b)fluoranthene		5,300.000	E 41	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(g,h,i)perylene		250.000	33	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(k)fluoranthene		1,400.000	48	210	ug/Kg
P3238-01	A4BE6	Solid	Bis(2-ethylhexyl)phthalate		270.000	120	210	ug/Kg
P3238-01	A4BE6	Solid	Carbazole		1,200.000	35	410	ug/Kg
P3238-01	A4BE6	Solid	Chrysene		4,600.000	E 39	210	ug/Kg
P3238-01	A4BE6	Solid	Dibenzo(a,h)anthracene		640.000	35	210	ug/Kg
P3238-01	A4BE6	Solid	Dibenzofuran		600.000	40	210	ug/Kg
P3238-01	A4BE6	Solid	Fluoranthene		8,700.000	E 68	210	ug/Kg
P3238-01	A4BE6	Solid	Fluorene		900.000	31	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-01	A4BE6	Solid	Indeno(1,2,3-cd)pyrene	1,400.000		39	210	ug/Kg
P3238-01	A4BE6	Solid	Naphthalene	400.000		31	210	ug/Kg
P3238-01	A4BE6	Solid	Phenanthrene	8,700.000	E	36	210	ug/Kg
P3238-01	A4BE6	Solid	Pyrene	6,000.000	E	61	210	ug/Kg
Total Svoc :				50,539.00				
Total Concentration:				64,989.00				
Client ID : A4BE8								
P3238-05	A4BE8	Solid	1-Methyldibenzothiophene	*	120.000	J		
P3238-05	A4BE8	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3238-05	A4BE8	Solid	11H-Benzo[a]fluorene	*	99.000	J		
P3238-05	A4BE8	Solid	11H-Benzo[b]fluorene	*	90.000	J		
P3238-05	A4BE8	Solid	4-Methylcarbazole	*	95.000	J		
P3238-05	A4BE8	Solid	4H-Cyclopenta[def]phenanthrene	*	630.000	J		
P3238-05	A4BE8	Solid	9,10-Anthracenedione	*	340.000	J		
P3238-05	A4BE8	Solid	9H-Fluoren-9-one	*	120.000	J		
P3238-05	A4BE8	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	130.000	J		
P3238-05	A4BE8	Solid	Anthracene, 2-methyl-	*	200.000	J		
P3238-05	A4BE8	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P3238-05	A4BE8	Solid	Cyclopenta(cd)pyrene, 3,4-dihydro-	*	120.000	J		
P3238-05	A4BE8	Solid	Cyclopenta(def)phenanthrenone	*	160.000	J		
P3238-05	A4BE8	Solid	Cyclopenta[cd]pyrene	*	180.000	J		
P3238-05	A4BE8	Solid	Dibenzothiophene	*	200.000	J		
P3238-05	A4BE8	Solid	Dibenzothiophene, 3-methyl-	*	92.000	J		
P3238-05	A4BE8	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P3238-05	A4BE8	Solid	Naphthalene, 2-phenyl-	*	260.000	J		
P3238-05	A4BE8	Solid	Naphthalic anhydride	*	89.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 2,5-dimethyl-	*	200.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 2-methyl-	*	320.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 4,5-dimethyl-	*	94.000	J		
P3238-05	A4BE8	Solid	Pyrene, 1-methyl-	*	130.000	J		
P3238-05	A4BE8	Solid	unknown-01	*	130.000	J		
P3238-05	A4BE8	Solid	Total Alkanes	*	0.000	30	220	ug/Kg
Total Tics :				4,249.00				
P3238-05	A4BE8	Solid	1-Methylnaphthalene		47.000	J 42	220	ug/Kg
P3238-05	A4BE8	Solid	2-Methylnaphthalene		65.000	J 29	220	ug/Kg
P3238-05	A4BE8	Solid	Acenaphthene		260.000	37	220	ug/Kg
P3238-05	A4BE8	Solid	Acenaphthylene		72.000	J 41	220	ug/Kg
P3238-05	A4BE8	Solid	Anthracene		520.000	32	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)anthracene		1,500.000	34	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)pyrene		810.000	41	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-05	A4BE8	Solid	Benzo(b)fluoranthene	1,900.000		42	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(g,h,i)perylene	110.000	J	33	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(k)fluoranthene	610.000		48	220	ug/Kg
P3238-05	A4BE8	Solid	Bis(2-ethylhexyl)phthalate	290.000		120	220	ug/Kg
P3238-05	A4BE8	Solid	Carbazole	300.000	J	36	420	ug/Kg
P3238-05	A4BE8	Solid	Chrysene	1,700.000		39	220	ug/Kg
P3238-05	A4BE8	Solid	Dibenzo(a,h)anthracene	240.000		36	220	ug/Kg
P3238-05	A4BE8	Solid	Dibenzofuran	120.000	J	41	220	ug/Kg
P3238-05	A4BE8	Solid	Fluoranthene	3,000.000		68	220	ug/Kg
P3238-05	A4BE8	Solid	Fluorene	260.000		32	220	ug/Kg
P3238-05	A4BE8	Solid	Indeno(1,2,3-cd)pyrene	570.000		39	220	ug/Kg
P3238-05	A4BE8	Solid	Naphthalene	110.000	J	32	220	ug/Kg
P3238-05	A4BE8	Solid	Phenanthrene	3,100.000		37	220	ug/Kg
P3238-05	A4BE8	Solid	Pyrene	2,400.000		62	220	ug/Kg

Total Svoc : 17,984.00

Total Concentration: 22,233.00

Client ID : A4BF7

P3238-11	A4BF7	Solid	(DEL) Alkane: Straight-Chain22.3 *	83.000	J			
P3238-11	A4BF7	Solid	(DEL) Alkane: Straight-Chain23.5 *	810.000	J			
P3238-11	A4BF7	Solid	(DEL) Alkane: Straight-Chain26.0 *	2,200.000	J			
P3238-11	A4BF7	Solid	(E)-Hexadec-9-enoic acid *	89.000	J			
P3238-11	A4BF7	Solid	1-Docosanol, methyl ether *	340.000	J			
P3238-11	A4BF7	Solid	1-Heneicosanol *	160.000	J			
P3238-11	A4BF7	Solid	1-Phenoxypropan-2-ol *	190.000	J			
P3238-11	A4BF7	Solid	4H-Cyclopenta[def]phenanthrene *	200.000	J			
P3238-11	A4BF7	Solid	9,10-Anthracenedione *	100.000	J			
P3238-11	A4BF7	Solid	Benzeneethanol, 4-hydroxy- *	110.000	J			
P3238-11	A4BF7	Solid	cis-11-Eicosenoic acid *	210.000	J			
P3238-11	A4BF7	Solid	Cyclopenta(def)phenanthrenone *	100.000	J			
P3238-11	A4BF7	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	82.000	J			
P3238-11	A4BF7	Solid	n-Hexadecanoic acid *	670.000	J			
P3238-11	A4BF7	Solid	Pentadecafluorooctanoic acid, hex *	220.000	J			
P3238-11	A4BF7	Solid	Propylene Glycol *	93.000	J			
P3238-11	A4BF7	Solid	Pyrene, 1-methyl- *	98.000	J			
P3238-11	A4BF7	Solid	unknown-01 *	1,200.000	J			
P3238-11	A4BF7	Solid	Total Alkanes *	3,100.000		27	190	ug/Kg

Total Tics : 10,055.00

P3238-11	A4BF7	Solid	Acenaphthene	90.000	J	33	190	ug/Kg
P3238-11	A4BF7	Solid	Acenaphthylene	46.000	J	37	190	ug/Kg
P3238-11	A4BF7	Solid	Anthracene	200.000		29	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-11	A4BF7	Solid	Benzo(a)anthracene	470.000		31	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(a)pyrene	270.000		37	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(b)fluoranthene	630.000		38	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(k)fluoranthene	210.000		43	190	ug/Kg
P3238-11	A4BF7	Solid	Carbazole	110.000	J	32	380	ug/Kg
P3238-11	A4BF7	Solid	Chrysene	510.000		35	190	ug/Kg
P3238-11	A4BF7	Solid	Dibenzo(a,h)anthracene	82.000	J	32	190	ug/Kg
P3238-11	A4BF7	Solid	Dibenzofuran	48.000	J	37	190	ug/Kg
P3238-11	A4BF7	Solid	Fluoranthene	1,000.000		62	190	ug/Kg
P3238-11	A4BF7	Solid	Fluorene	80.000	J	29	190	ug/Kg
P3238-11	A4BF7	Solid	Indeno(1,2,3-cd)pyrene	200.000		35	190	ug/Kg
P3238-11	A4BF7	Solid	Phenanthrene	800.000		33	190	ug/Kg
P3238-11	A4BF7	Solid	Pyrene	710.000		56	190	ug/Kg

Total Svoc : 5,456.00

Total Concentration: 15,511.00

Client ID : A4BZ5

P3238-15	A4BZ5	Solid	(DEL) Alkane: Cyclic21.210	*	660.000	J		
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain22.3	*	660.000	J		
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain22.4	*	600.000	J		
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain23.5	*	1,900.000	J		
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain26.6	*	1,100.000	J		
P3238-15	A4BZ5	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P3238-15	A4BZ5	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J		
P3238-15	A4BZ5	Solid	Behenic alcohol	*	610.000	J		
P3238-15	A4BZ5	Solid	Cyclohexane, 1,3,5-triphenyl-	*	180.000	J		
P3238-15	A4BZ5	Solid	Lupeol	*	870.000	J		
P3238-15	A4BZ5	Solid	n-Hexadecanoic acid	*	690.000	J		
P3238-15	A4BZ5	Solid	Nonacosanal	*	500.000	J		
P3238-15	A4BZ5	Solid	Octacosanal	*	1,400.000	J		
P3238-15	A4BZ5	Solid	Octadecanoic acid	*	240.000	J		
P3238-15	A4BZ5	Solid	Oxirane, hexadecyl-	*	510.000	J		
P3238-15	A4BZ5	Solid	Pyrene, 1-methyl-	*	210.000	J		
P3238-15	A4BZ5	Solid	unknown-01	*	320.000	J		
P3238-15	A4BZ5	Solid	Total Alkanes	*	4,900.000		54	380 ug/Kg

Total Tics : 15,850.00

P3238-15	A4BZ5	Solid	Anthracene		140.000	J	56	380 ug/Kg
P3238-15	A4BZ5	Solid	Benzo(a)anthracene		680.000		61	380 ug/Kg
P3238-15	A4BZ5	Solid	Benzo(a)pyrene		440.000		72	380 ug/Kg
P3238-15	A4BZ5	Solid	Benzo(b)fluoranthene		1,100.000		74	380 ug/Kg
P3238-15	A4BZ5	Solid	Benzo(k)fluoranthene		360.000	J	86	380 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-15	A4BZ5	Solid	Bis(2-ethylhexyl)phthalate	490.000		220	380	ug/Kg
P3238-15	A4BZ5	Solid	Carbazole	97.000	J	63	740	ug/Kg
P3238-15	A4BZ5	Solid	Chrysene	870.000		70	380	ug/Kg
P3238-15	A4BZ5	Solid	Dibenzo(a,h)anthracene	140.000	J	63	380	ug/Kg
P3238-15	A4BZ5	Solid	Fluoranthene	1,500.000		120	380	ug/Kg
P3238-15	A4BZ5	Solid	Indeno(1,2,3-cd)pyrene	370.000	J	70	380	ug/Kg
P3238-15	A4BZ5	Solid	Phenanthrene	830.000		65	380	ug/Kg
P3238-15	A4BZ5	Solid	Pyrene	1,100.000		110	380	ug/Kg
Total Svoc :				8,117.00				
Total Concentration:				23,967.00				
Client ID : A4BZ6								
P3238-16	A4BZ6	Solid	(DEL) Alkane: Cyclic21.216	*	270.000	J		
P3238-16	A4BZ6	Solid	1-Phenoxypropan-2-ol	*	220.000	J		
P3238-16	A4BZ6	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J		
P3238-16	A4BZ6	Solid	9,10-Anthracenedione	*	160.000	J		
P3238-16	A4BZ6	Solid	n-Hexadecanoic acid	*	360.000	J		
P3238-16	A4BZ6	Solid	Phenanthrene, 4-methyl-	*	190.000	J		
P3238-16	A4BZ6	Solid	Total Alkanes	*	270.000		44	310 ug/Kg
Total Tics :				1,720.00				
P3238-16	A4BZ6	Solid	Acenaphthene		78.000	J	53	310 ug/Kg
P3238-16	A4BZ6	Solid	Anthracene		210.000	J	46	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)anthracene		730.000		49	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)pyrene		470.000		59	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(b)fluoranthene		1,100.000		60	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(g,h,i)perylene		66.000	J	48	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(k)fluoranthene		380.000		69	310 ug/Kg
P3238-16	A4BZ6	Solid	Bis(2-ethylhexyl)phthalate		250.000	J	180	310 ug/Kg
P3238-16	A4BZ6	Solid	Carbazole		130.000	J	51	600 ug/Kg
P3238-16	A4BZ6	Solid	Chrysene		900.000		57	310 ug/Kg
P3238-16	A4BZ6	Solid	Dibenzo(a,h)anthracene		140.000	J	51	310 ug/Kg
P3238-16	A4BZ6	Solid	Fluoranthene		1,600.000		99	310 ug/Kg
P3238-16	A4BZ6	Solid	Fluorene		83.000	J	46	310 ug/Kg
P3238-16	A4BZ6	Solid	Indeno(1,2,3-cd)pyrene		360.000		57	310 ug/Kg
P3238-16	A4BZ6	Solid	Phenanthrene		1,100.000		53	310 ug/Kg
P3238-16	A4BZ6	Solid	Pyrene		1,100.000		90	310 ug/Kg
Total Svoc :				8,697.00				
Total Concentration:				10,417.00				
Client ID : A4C04								
P3238-17	A4C04	Solid	(DEL) Alkane: Straight-Chain22.4	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-17	A4C04	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	260.000	J		
P3238-17	A4C04	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3238-17	A4C04	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P3238-17	A4C04	Solid	11H-Benzo[a]fluorene	*	150.000	J		
P3238-17	A4C04	Solid	11H-Benzo[b]fluorene	*	220.000	J		
P3238-17	A4C04	Solid	4H-Cyclopenta[def]phenanthrene	*	990.000	J		
P3238-17	A4C04	Solid	5H-Dibenzo[a,d]cycloheptene	*	310.000	J		
P3238-17	A4C04	Solid	9,10-Anthracenedione	*	550.000	J		
P3238-17	A4C04	Solid	9H-Fluoren-9-one	*	140.000	J		
P3238-17	A4C04	Solid	Anthracene, 2-methyl-	*	220.000	J		
P3238-17	A4C04	Solid	Cyclopenta[cd]pyrene	*	290.000	J		
P3238-17	A4C04	Solid	Dibenzothiophene	*	220.000	J		
P3238-17	A4C04	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	370.000	J		
P3238-17	A4C04	Solid	Naphthalene, 2-phenyl-	*	320.000	J		
P3238-17	A4C04	Solid	Octadecanoic acid	*	120.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 1-methyl-	*	790.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 2,5-dimethyl-	*	240.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P3238-17	A4C04	Solid	Pyrene, 1-methyl-	*	120.000	J		
P3238-17	A4C04	Solid	unknown-01	*	230.000	J		
P3238-17	A4C04	Solid	Total Alkanes	*	210.000	40	280	ug/Kg
Total Tics :				6,890.00				
P3238-17	A4C04	Solid	1-Methylnaphthalene	59.000	J	55	280	ug/Kg
P3238-17	A4C04	Solid	2-Methylnaphthalene	76.000	J	38	280	ug/Kg
P3238-17	A4C04	Solid	Acenaphthene	340.000		48	280	ug/Kg
P3238-17	A4C04	Solid	Acenaphthylene	62.000	J	53	280	ug/Kg
P3238-17	A4C04	Solid	Anthracene	810.000		42	280	ug/Kg
P3238-17	A4C04	Solid	Benzo(a)anthracene	2,100.000		45	280	ug/Kg
P3238-17	A4C04	Solid	Benzo(a)pyrene	1,100.000		53	280	ug/Kg
P3238-17	A4C04	Solid	Benzo(b)fluoranthene	2,500.000		55	280	ug/Kg
P3238-17	A4C04	Solid	Benzo(g,h,i)perylene	140.000	J	43	280	ug/Kg
P3238-17	A4C04	Solid	Benzo(k)fluoranthene	790.000		63	280	ug/Kg
P3238-17	A4C04	Solid	Bis(2-ethylhexyl)phthalate	560.000		160	280	ug/Kg
P3238-17	A4C04	Solid	Carbazole	530.000	J	47	550	ug/Kg
P3238-17	A4C04	Solid	Chrysene	2,300.000		51	280	ug/Kg
P3238-17	A4C04	Solid	Dibenzo(a,h)anthracene	310.000		47	280	ug/Kg
P3238-17	A4C04	Solid	Dibenzofuran	210.000	J	53	280	ug/Kg
P3238-17	A4C04	Solid	Fluoranthene	4,400.000		90	280	ug/Kg
P3238-17	A4C04	Solid	Fluorene	400.000		42	280	ug/Kg
P3238-17	A4C04	Solid	Indeno(1,2,3-cd)pyrene	750.000		51	280	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BP072224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-17	A4C04	Solid	Naphthalene	140.000	J	42	280	ug/Kg
P3238-17	A4C04	Solid	Phenanthrene	4,000.000		48	280	ug/Kg
P3238-17	A4C04	Solid	Pyrene	3,200.000		81	280	ug/Kg
Total Svoc :				24,777.00				
Total Concentration:				31,667.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:	RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
	RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	2.0

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.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis(1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo(a)anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis(2-ethylhexyl)phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo(b)fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo(k)fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo(a)pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno(1,2,3-cd)pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo(a,h)anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo(g,h,i)perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

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.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

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.: BP072224 SAS No.: BP072224 SDG NO.: BP072224

EPA Sample No.: SSTD020646 Date Analyzed: Jul 22 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 11:58

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
EPA SAMPLE NO.						
01 SBLK089	197864	7.68	797761	10.44	527030	14.29
02 A4BZ5	181812	7.68	745486	10.44	483675	14.29
03 A4BZ6	205182	7.68	830172	10.44	540849	14.29
04 A4BE6	158240	7.68	648983	10.44	446365	14.30
05 A4BE6MS	223984	7.68	900700	10.43	591705	14.30
06 A4BE6MSD	192369	7.68	802804	10.44	538451	14.30
07 A4BE8	181619	7.68	750234	10.44	492619	14.30
08 A4C04	188362	7.69	774264	10.45	515879	14.31
09 A4BF7	217399	7.68	896425	10.44	577913	14.31
10 A4CJ7	202562	7.68	854679	10.44	554835	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072224 SAS No.: BP072224 SDG NO.: BP072224

EPA Sample No.: SSTD020698 Date Analyzed: Jul 22 2024 12:00AM

Lab File ID: BP021083.D Time Analyzed: 11:58

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	150307	7.681	610979	10.45	395914	14.30
UPPER LIMIT	300614	8.181	1221958	10.946	791828	14.804
LOWER LIMIT	75153.5	7.181	305489.5	9.946	197957	13.804
EPA SAMPLE NO.						
01 SBLK089	197864	7.68	797761	10.44	527030	14.29
02 A4BZ5	181812	7.68	745486	10.44	483675	14.29
03 A4BZ6	205182	7.68	830172	10.44	540849	14.29
04 A4BE6	158240	7.68	648983	10.44	446365	14.30
05 A4BE6MS	223984	7.68	900700	10.43	591705	14.30
06 A4BE6MSD	192369	7.68	802804	10.44	538451	14.30
07 A4BE8	181619	7.68	750234	10.44	492619	14.30
08 A4C04	188362	7.69	774264	10.45	515879	14.31
09 A4BF7	217399	7.68	896425	10.44	577913	14.31
10 A4CJ7	202562	7.68	854679	10.44	554835	14.32

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072224 SAS No.: BP072224 SDG NO.: BP072224

EPA Sample No.: SSTD020646 Date Analyzed: Jul 22 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 11:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18434e+0	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
01 SBLK089	1.13732	17.11	1.11793e+	21.56	1.30496e+	24.87
02 A4BZ5	1.04387	17.10	991868	21.56	1.20722e+	24.86
03 A4BZ6	1.19121	17.11	1.15678e+	21.56	1.38394e+	24.87
04 A4BE6	1.03213	17.12	973385	21.58	1.25391e+	24.90
05 A4BE6MS	1.23849	17.11	1.13827e+	21.57	1.44576e+	24.88
06 A4BE6MSD	1.216e+	17.12	1.14189e+	21.58	1.47731e+	24.90
07 A4BE8	1.05322	17.12	1.0044e+0	21.57	1.21163e+	24.87
08 A4C04	1.18457	17.13	1.12137e+	21.58	1.40788e+	24.90
09 A4BF7	1.26856	17.12	1.17546e+	21.56	1.39137e+	24.87
10 A4CJ7	1.22674	17.12	1.13427e+	21.57	1.36838e+	24.87

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.: BP072224 SAS No.: BP072224 SDG NO.: BP072224

EPA Sample No.: SSTD020698 Date Analyzed: Jul 22 2024 12:00AM

Lab File ID: BP021083.D Time Analyzed: 11:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	857553	17.116	869162	21.563	1.06326e+01	24.868
UPPER LIMIT	1715106	17.616	1738324	22.063	2126520	25.368
LOWER LIMIT	428776.5	16.616	434581	21.063	531630	24.368
EPA SAMPLE NO.						
01 SBLK089	1.13732	17.11	1.11793e+	21.56	1.30496e+	24.87
02 A4BZ5	1.04387	17.10	991868	21.56	1.20722e+	24.86
03 A4BZ6	1.19121	17.11	1.15678e+	21.56	1.38394e+	24.87
04 A4BE6	1.03213	17.12	973385	21.58	1.25391e+	24.90
05 A4BE6MS	1.23849	17.11	1.13827e+	21.57	1.44576e+	24.88
06 A4BE6MSD	1.216e+	17.12	1.14189e+	21.58	1.47731e+	24.90
07 A4BE8	1.05322	17.12	1.0044e+0	21.57	1.21163e+	24.87
08 A4C04	1.18457	17.13	1.12137e+	21.58	1.40788e+	24.90
09 A4BF7	1.26856	17.12	1.17546e+	21.56	1.39137e+	24.87
10 A4CJ7	1.22674	17.12	1.13427e+	21.57	1.36838e+	24.87

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.



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CJ7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072224

SAS No.: BP072224 SDG NO.: BP072224

Lab File ID: BP021093.D

Lab Sample ID: P3215-22

Instrument ID: BNA_P

Date Extracted: 07/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/22/2024

Level: (low/med) LOW

Time Analyzed: 19:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CJ7	P3215-22	BP021093.D	07/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK089

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072224

SAS No.: BP072224 SDG NO.: BP072224

Lab File ID: BP021084.D

Lab Sample ID: PB162089BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/22/2024

Level: (low/med) LOW

Time Analyzed: 11:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BZ5	P3238-15	BP021085.D	07/22/2024
A4BZ6	P3238-16	BP021086.D	07/22/2024
A4BE6	P3238-01	BP021087.D	07/22/2024
A4BE6MS	P3238-02MS	BP021088.D	07/22/2024
A4BE6MSD	P3238-03MSD	BP021089.D	07/22/2024
A4BE8	P3238-05	BP021090.D	07/22/2024
A4C04	P3238-17	BP021091.D	07/22/2024
A4BF7	P3238-11	BP021092.D	07/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-02MS	Client Sample ID:	A4BE6MS					DataFile:	BP021088.D		
1,4-Dioxane	670		360	ug/Kg	54				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		590	ug/Kg	35				0	0	
Phenol	1700		1200	ug/Kg	71				26	90	
Bis(2-chloroethyl)ether	1700		980	ug/Kg	58				0	0	
2-Chlorophenol	1700		1100	ug/Kg	65				25	102	
2-Methylphenol	1700		1100	ug/Kg	65				0	0	
2,2-oxybis(1-Chloropropane)	1700		950	ug/Kg	56				0	0	
Acetophenone	1700	50	1100	ug/Kg	62				0	0	
4-Methylphenol	1700		1200	ug/Kg	71				0	0	
N-Nitroso-di-n-propylamine	1700		970	ug/Kg	57				41	126	
Hexachloroethane	1700		730	ug/Kg	43				0	0	
Nitrobenzene	1700		1100	ug/Kg	65				0	0	
Isophorone	1700		1000	ug/Kg	59				0	0	
2-Nitrophenol	1700		1200	ug/Kg	71				0	0	
2,4-Dimethylphenol	1700		1000	ug/Kg	59				0	0	
Bis(2-chloroethoxy)methane	1700		1000	ug/Kg	59				0	0	
2,4-Dichlorophenol	1700		1200	ug/Kg	71				0	0	
Naphthalene	1700	400	1400	ug/Kg	59				0	0	
4-Chloroaniline	1700		570	ug/Kg	34				0	0	
Hexachlorobutadiene	1700		1000	ug/Kg	59				0	0	
Caprolactam	1700		1300	ug/Kg	76				0	0	
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76				26	103	
1-Methylnaphthalene	1700	180	1200	ug/Kg	60				0	0	
2-Methylnaphthalene	1700	220	1300	ug/Kg	64				0	0	
Hexachlorocyclopentadiene	1700		170	ug/Kg	10				0	0	
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
1,1'-Biphenyl	1700	59	1100	ug/Kg	61				0	0	
2-Chloronaphthalene	1700		1100	ug/Kg	65				0	0	
2-Nitroaniline	1700		1300	ug/Kg	76				0	0	
Dimethylphthalate	1700		1100	ug/Kg	65				0	0	
2,6-Dinitrotoluene	1700		1200	ug/Kg	71				0	0	
Acenaphthylene	1700	160	1200	ug/Kg	61				0	0	
3-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Acenaphthene	1700	810	1700	ug/Kg	52				31	137	
2,4-Dinitrophenol	1700		670	ug/Kg	39				0	0	
4-Nitrophenol	1700		1500	ug/Kg	88				11	114	
Dibenzofuran	1700	600	1600	ug/Kg	59				0	0	
2,4-Dinitrotoluene	1700		1300	ug/Kg	76				28	89	
Diethylphthalate	1700		1100	ug/Kg	65				0	0	
Fluorene	1700	900	1800	ug/Kg	53				0	0	
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
4-Nitroaniline	1700		1500	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	1700		750	ug/Kg	44				0	0	
N-Nitrosodiphenylamine	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072224

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	1700		1100	ug/Kg	65				0	0	
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
Hexachlorobenzene	1700		890	ug/Kg	52				0	0	
Atrazine	1700		870	ug/Kg	51				0	0	
Pentachlorophenol	1700		1000	ug/Kg	59				17	109	
Phenanthrene	1700	8700	7800	ug/Kg	-53				0	0	
Pentachlorobenzene	1700		1000	ug/Kg	59				0	0	
Anthracene	1700	2100	2700	ug/Kg	35				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1000	ug/Kg	59				0	0	
Carbazole	1700	1200	2000	ug/Kg	47				0	0	
Di-n-butylphthalate	1700		1100	ug/Kg	65				0	0	
Fluoranthene	1700	8700	7200	ug/Kg	-88				0	0	
Pyrene	1700	6000	5200	ug/Kg	-47	*			35	142	
Butylbenzylphthalate	1700		1100	ug/Kg	65				0	0	
3,3'-Dichlorobenzidine	1700		420	ug/Kg	25				0	0	
Benzo(a)anthracene	1700	4500	4500	ug/Kg	0				0	0	
Chrysene	1700	4600	4500	ug/Kg	-6				0	0	
Bis(2-ethylhexyl)phthalate	1700	270	1200	ug/Kg	55				0	0	
Di-n-octylphthalate	1700		1000	ug/Kg	59				0	0	
Benzo(b)fluoranthene	1700	5300	4700	ug/Kg	-35				0	0	
Benzo(k)fluoranthene	1700	1400	2600	ug/Kg	71				0	0	
Benzo(a)pyrene	1700	2100	2100	ug/Kg	0				0	0	
Indeno(1,2,3-cd)pyrene	1700	1400	1900	ug/Kg	29				0	0	
Dibenzo(a,h)anthracene	1700	640	1600	ug/Kg	56				0	0	
Benzo(g,h,i)perylene	1700	250	290	ug/Kg	2				0	0	
2,3,4,6-Tetrachlorophenol	1700		1200	ug/Kg	71				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-03MSD	Client Sample ID:	A4BE6MSD					DataFile:	BP021089.D		
1,4-Dioxane	670		360	ug/Kg	54	0			15	120	50
Benzaldehyde	1700		1200	ug/Kg	71	9	*		0	0	0
Pyridine	1700		620	ug/Kg	36	3	*		0	0	0
Phenol	1700		1200	ug/Kg	71	0			26	90	35
Bis(2-chloroethyl)ether	1700		990	ug/Kg	58	0			0	0	0
2-Chlorophenol	1700		1100	ug/Kg	65	0			25	102	50
2-Methylphenol	1700		1100	ug/Kg	65	0			0	0	0
2,2-oxybis(1-Chloropropane)	1700		960	ug/Kg	56	0			0	0	0
Acetophenone	1700	50	1100	ug/Kg	62	0			0	0	0
4-Methylphenol	1700		1200	ug/Kg	71	0			0	0	0
N-Nitroso-di-n-propylamine	1700		990	ug/Kg	58	2			41	126	38
Hexachloroethane	1700		730	ug/Kg	43	0			0	0	0
Nitrobenzene	1700		1100	ug/Kg	65	0			0	0	0
Isophorone	1700		1000	ug/Kg	59	0			0	0	0
2-Nitrophenol	1700		1200	ug/Kg	71	0			0	0	0
2,4-Dimethylphenol	1700		1000	ug/Kg	59	0			0	0	0
Bis(2-chloroethoxy)methane	1700		970	ug/Kg	57	3	*		0	0	0
2,4-Dichlorophenol	1700		1200	ug/Kg	71	0			0	0	0
Naphthalene	1700	400	1400	ug/Kg	59	0			0	0	0
4-Chloroaniline	1700		600	ug/Kg	35	3	*		0	0	0
Hexachlorobutadiene	1700		1000	ug/Kg	59	0			0	0	0
Caprolactam	1700		1300	ug/Kg	76	0			0	0	0
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76	0			26	103	33
1-Methylnaphthalene	1700	180	1200	ug/Kg	60	0			0	0	0
2-Methylnaphthalene	1700	220	1300	ug/Kg	64	0			0	0	0
Hexachlorocyclopentadiene	1700		140	ug/Kg	8	22	*		0	0	0
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71	0			0	0	0
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71	0			0	0	0
1,1'-Biphenyl	1700	59	1100	ug/Kg	61	0			0	0	0
2-Chloronaphthalene	1700		1100	ug/Kg	65	0			0	0	0
2-Nitroaniline	1700		1300	ug/Kg	76	0			0	0	0
Dimethylphthalate	1700		1100	ug/Kg	65	0			0	0	0
2,6-Dinitrotoluene	1700		1200	ug/Kg	71	0			0	0	0
Acenaphthylene	1700	160	1200	ug/Kg	61	0			0	0	0
3-Nitroaniline	1700		1200	ug/Kg	71	0			0	0	0
Acenaphthene	1700	810	1700	ug/Kg	52	0			31	137	19
2,4-Dinitrophenol	1700		700	ug/Kg	41	5	*		0	0	0
4-Nitrophenol	1700		1600	ug/Kg	94	7			11	114	50
Dibenzofuran	1700	600	1600	ug/Kg	59	0			0	0	0
2,4-Dinitrotoluene	1700		1400	ug/Kg	82	8			28	89	47
Diethylphthalate	1700		1100	ug/Kg	65	0			0	0	0
Fluorene	1700	900	1900	ug/Kg	59	11	*		0	0	0
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65	0			0	0	0
4-Nitroaniline	1700		1600	ug/Kg	94	7	*		0	0	0
4,6-Dinitro-2-methylphenol	1700		740	ug/Kg	44	0			0	0	0
N-Nitrosodiphenylamine	1700		1100	ug/Kg	65	0			0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072224

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	1700		1100	ug/Kg	65		0		0	0	0
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65		0		0	0	0
Hexachlorobenzene	1700		880	ug/Kg	52		0		0	0	0
Atrazine	1700		860	ug/Kg	51		0		0	0	0
Pentachlorophenol	1700		1000	ug/Kg	59		0		17	109	47
Phenanthrene	1700	8700	7600	ug/Kg	-65	20	*		0	0	0
Pentachlorobenzene	1700		970	ug/Kg	57	3	*		0	0	0
Anthracene	1700	2100	2700	ug/Kg	35	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1700		950	ug/Kg	56	5	*		0	0	0
Carbazole	1700	1200	2100	ug/Kg	53	12	*		0	0	0
Di-n-butylphthalate	1700		1100	ug/Kg	65	0			0	0	0
Fluoranthene	1700	8700	7400	ug/Kg	-76	15	*		0	0	0
Pyrene	1700	6000	5300	ug/Kg	-41	*	14		35	142	36
Butylbenzylphthalate	1700		1100	ug/Kg	65	0			0	0	0
3,3'-Dichlorobenzidine	1700		450	ug/Kg	26	4	*		0	0	0
Benzo(a)anthracene	1700	4500	4500	ug/Kg	0				0	0	0
Chrysene	1700	4600	4700	ug/Kg	6				0	0	0
Bis(2-ethylhexyl)phthalate	1700	270	1200	ug/Kg	55	0			0	0	0
Di-n-octylphthalate	1700		990	ug/Kg	58	2	*		0	0	0
Benzo(b)fluoranthene	1700	5300	4900	ug/Kg	-24	37	*		0	0	0
Benzo(k)fluoranthene	1700	1400	2300	ug/Kg	53	29	*		0	0	0
Benzo(a)pyrene	1700	2100	2100	ug/Kg	0				0	0	0
Indeno(1,2,3-cd)pyrene	1700	1400	1900	ug/Kg	29	0			0	0	0
Dibenzo(a,h)anthracene	1700	640	1600	ug/Kg	56	0			0	0	0
Benzo(g,h,i)perylene	1700	250	300	ug/Kg	3	40	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1200	ug/Kg	71	0			0	0	0

Surrogate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-22	A4CJ7	BP021093.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	18.50	46		20	120
			Phenol-d5	40	23.44	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.44	54		10	150
			2-Chlorophenol-d4	40	23.53	59		15	120
			4-Methylphenol-d8	40	23.06	58		10	140
			Nitrobenzene-d5	40	23.76	59		10	135
			2-Nitrophenol-d4	40	23.95	60		10	120
			2,4-Dichlorophenol-d3	40	23.29	58		10	140
			4-Chloroaniline-d4	40	20.99	52		1	145
			Dimethylphthalate-d6	40	24.10	60		10	145
			Acenaphthylene-d8	40	25.46	64		15	120
			4-Nitrophenol-d4	40	24.73	62		10	150
			Fluorene-d10	40	26.90	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.80	19		10	130
			Anthracene-d10	40	25.20	63		10	150
			Pyrene-d10	40	23.73	59		10	130
			Benzo(a)pyrene-d12	40	26.85	67		10	140

Surrogate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-01	A4BE6	BP021087.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	4.15	10	*	20	120
			Phenol-d5	40	29.79	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.29	66		10	150
			2-Chlorophenol-d4	40	29.28	73		15	120
			4-Methylphenol-d8	40	28.19	70		10	140
			Nitrobenzene-d5	40	29.68	74		10	135
			2-Nitrophenol-d4	40	30.70	77		10	120
			2,4-Dichlorophenol-d3	40	30.17	75		10	140
			4-Chloroaniline-d4	40	11.41	29		1	145
			Dimethylphthalate-d6	40	29.66	74		10	145
			Acenaphthylene-d8	40	31.61	79		15	120
			4-Nitrophenol-d4	40	33.60	84		10	150
			Fluorene-d10	40	34.19	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.66	39		10	130
			Anthracene-d10	40	32.05	80		10	150
			Pyrene-d10	40	25.46	64		10	130
			Benzo(a)pyrene-d12	40	21.52	54		10	140
P3238-02MS	A4BE6MS	BP021088.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	9.13	23		20	120
			Phenol-d5	40	22.16	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.24	51		10	150
			2-Chlorophenol-d4	40	22.09	55		15	120
			4-Methylphenol-d8	40	20.47	51		10	140
			Nitrobenzene-d5	40	23.15	58		10	135
			2-Nitrophenol-d4	40	23.63	59		10	120
			2,4-Dichlorophenol-d3	40	24.27	61		10	140
			4-Chloroaniline-d4	40	10.80	27		1	145
			Dimethylphthalate-d6	40	22.31	56		10	145
			Acenaphthylene-d8	40	23.46	59		15	120
			4-Nitrophenol-d4	40	26.15	65		10	150
			Fluorene-d10	40	25.02	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.21	38		10	130
			Anthracene-d10	40	24.73	62		10	150
			Pyrene-d10	40	19.11	48		10	130
			Benzo(a)pyrene-d12	40	16.31	41		10	140
P3238-03MSD	A4BE6MSD	BP021089.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	9.34	23		20	120
			Phenol-d5	40	22.71	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.39	51		10	150
			2-Chlorophenol-d4	40	22.40	56		15	120
			4-Methylphenol-d8	40	21.14	53		10	140
			Nitrobenzene-d5	40	22.84	57		10	135
			2-Nitrophenol-d4	40	22.79	57		10	120
			2,4-Dichlorophenol-d3	40	24.06	60		10	140
			4-Chloroaniline-d4	40	11.32	28		1	145
			Dimethylphthalate-d6	40	22.41	56		10	145
			Acenaphthylene-d8	40	23.62	59		15	120
			4-Nitrophenol-d4	40	24.77	62		10	150

Surrogate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-03MSD	A4BE6MSD	BP021089.D	Fluorene-d10	40	25.60	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.96	37		10	130
			Anthracene-d10	40	24.77	62		10	150
			Pyrene-d10	40	19.15	48		10	130
			Benzo(a)pyrene-d12	40	16.29	41		10	140
P3238-05	A4BE8	BP021090.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	1.45	4	*	20	120
			Phenol-d5	40	21.72	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.75	49		10	150
			2-Chlorophenol-d4	40	21.96	55		15	120
			4-Methylphenol-d8	40	21.16	53		10	140
			Nitrobenzene-d5	40	21.80	54		10	135
			2-Nitrophenol-d4	40	22.02	55		10	120
			2,4-Dichlorophenol-d3	40	22.59	56		10	140
			4-Chloroaniline-d4	40	9.27	23		1	145
			Dimethylphthalate-d6	40	22.65	57		10	145
			Acenaphthylene-d8	40	24.28	61		15	120
			4-Nitrophenol-d4	40	19.85	50		10	150
			Fluorene-d10	40	25.49	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.39	18		10	130
			Anthracene-d10	40	25.86	65		10	150
			Pyrene-d10	40	20.58	51		10	130
			Benzo(a)pyrene-d12	40	18.03	45		10	140
P3238-11	A4BF7	BP021092.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Pyridine-d5	40	4.11	10	*	20	120
			Phenol-d5	40	20.82	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.26	48		10	150
			2-Chlorophenol-d4	40	20.90	52		15	120
			4-Methylphenol-d8	40	19.08	48		10	140
			Nitrobenzene-d5	40	20.62	52		10	135
			2-Nitrophenol-d4	40	20.50	51		10	120
			2,4-Dichlorophenol-d3	40	20.45	51		10	140
			4-Chloroaniline-d4	40	2.53	6		1	145
			Dimethylphthalate-d6	40	20.43	51		10	145
			Acenaphthylene-d8	40	21.42	54		15	120
			4-Nitrophenol-d4	40	20.85	52		10	150
			Fluorene-d10	40	22.81	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.45	19		10	130
			Anthracene-d10	40	21.80	55		10	150
			Pyrene-d10	40	18.34	46		10	130
			Benzo(a)pyrene-d12	40	16.19	40		10	140
P3238-15	A4BZ5	BP021085.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.14	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.81	37		10	150
			2-Chlorophenol-d4	40	14.32	36		15	120
			4-Methylphenol-d8	40	10.99	27		10	140
			Nitrobenzene-d5	40	14.76	37		10	135
			2-Nitrophenol-d4	40	14.10	35		10	120

Surrogate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-15	A4BZ5	BP021085.D	2,4-Dichlorophenol-d3	40	13.98	35		10	140
			4-Chloroaniline-d4	40	3.10	8		1	145
			Dimethylphthalate-d6	40	14.99	37		10	145
			Acenaphthylene-d8	40	15.73	39		15	120
			4-Nitrophenol-d4	40	9.27	23		10	150
			Fluorene-d10	40	16.67	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.44	19		10	130
			Anthracene-d10	40	15.73	39		10	150
			Pyrene-d10	40	13.54	34		10	130
			Benzo(a)pyrene-d12	40	11.90	30		10	140
P3238-16	A4BZ6	BP021086.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.63	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.56	36		10	150
			2-Chlorophenol-d4	40	15.10	38		15	120
			4-Methylphenol-d8	40	13.70	34		10	140
			Nitrobenzene-d5	40	15.44	39		10	135
			2-Nitrophenol-d4	40	14.91	37		10	120
			2,4-Dichlorophenol-d3	40	14.45	36		10	140
			4-Chloroaniline-d4	40	6.05	15		1	145
			Dimethylphthalate-d6	40	15.70	39		10	145
			Acenaphthylene-d8	40	16.50	41		15	120
			4-Nitrophenol-d4	40	9.64	24		10	150
			Fluorene-d10	40	17.68	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.38	18		10	130
			Anthracene-d10	40	16.56	41		10	150
			Pyrene-d10	40	13.93	35		10	130
			Benzo(a)pyrene-d12	40	12.71	32		10	140
P3238-17	A4C04	BP021091.D	Pyridine-d5	40	1.15	3	*	20	120
			1,4-Dioxane-d8	8	3.39	42		15	120
			Phenol-d5	40	19.24	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.73	44		10	150
			2-Chlorophenol-d4	40	19.64	49		15	120
			4-Methylphenol-d8	40	18.73	47		10	140
			Nitrobenzene-d5	40	19.43	49		10	135
			2-Nitrophenol-d4	40	19.08	48		10	120
			2,4-Dichlorophenol-d3	40	19.80	49		10	140
			4-Chloroaniline-d4	40	9.32	23		1	145
			Dimethylphthalate-d6	40	19.78	49		10	145
			Acenaphthylene-d8	40	20.95	52		15	120
			4-Nitrophenol-d4	40	16.09	40		10	150
			Fluorene-d10	40	22.94	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.55	14		10	130
			Anthracene-d10	40	22.45	56		10	150
			Pyrene-d10	40	18.74	47		10	130
			Benzo(a)pyrene-d12	40	16.97	42		10	140
PB162089BL	PB162089BL	BP021084.D	Pyridine-d5	40	26.50	66		20	120
			1,4-Dioxane-d8	8	5.53	69		15	120
			Phenol-d5	40	28.58	71		10	130



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

Surrogate Summary

SW-846

SDG No.: BP072224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162089BL	PB162089BL	BP021084.D	Bis(2-Chloroethyl)ether-d8	40	27.41	69		10	150
			2-Chlorophenol-d4	40	28.36	71		15	120
			4-Methylphenol-d8	40	28.02	70		10	140
			Nitrobenzene-d5	40	29.15	73		10	135
			2-Nitrophenol-d4	40	29.96	75		10	120
			2,4-Dichlorophenol-d3	40	27.87	70		10	140
			4-Chloroaniline-d4	40	29.58	74		1	145
			Dimethylphthalate-d6	40	29.15	73		10	145
			Acenaphthylene-d8	40	30.15	75		15	120
			4-Nitrophenol-d4	40	29.56	74		10	150
			Fluorene-d10	40	31.16	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.30	53		10	130
			Anthracene-d10	40	30.90	77		10	150
			Pyrene-d10	40	27.63	69		10	130
			Benzo(a)pyrene-d12	40	31.44	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072224

Lab Code: CHEM

SAS No.: BP072224

SDG NO.: BP072224

Lab File ID: BP021082.D

DFTPP Injection Date: 07/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	97.2
443	15.0 - 24.0% of mass 442	19 (19.6) 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
SSTD020698	SSTDCCC020	BP021083.D	07/22/2024	11:16
SBLK089	PB162089BL	BP021084.D	07/22/2024	11:58
A4BZ5	P3238-15	BP021085.D	07/22/2024	12:40
A4BZ6	P3238-16	BP021086.D	07/22/2024	13:23
A4BE6	P3238-01	BP021087.D	07/22/2024	14:05
A4BE6MS	P3238-02MS	BP021088.D	07/22/2024	14:47
A4BE6MSD	P3238-03MSD	BP021089.D	07/22/2024	15:29
A4BE8	P3238-05	BP021090.D	07/22/2024	16:12
A4C04	P3238-17	BP021091.D	07/22/2024	16:56
A4BF7	P3238-11	BP021092.D	07/22/2024	18:22
A4CJ7	P3215-22	BP021093.D	07/22/2024	19:06