

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424

Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:15:14

Lab File ID: BP020368.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020799 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.535	0.010	-0.4874	40.0
Benzaldehyde	0.863	0.910	0.010	5.4014	40.0
Pyridine	1.392	1.332	0.010	-4.3147	40.0
Phenol	1.773	1.582	0.080	-10.7893	20.0
Bis(2-Chloroethyl)ether	1.387	1.310	0.100	-5.5292	20.0
2-Chlorophenol	1.282	1.267	0.200	-1.1609	20.0
2-Methylphenol	1.322	1.222	0.010	-7.593	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.544	0.010	-10.7509	40.0
Acetophenone	2.305	2.134	0.060	-7.4063	20.0
4-Methylphenol	1.437	1.293	0.010	-10.0587	20.0
N-Nitroso-di-n-propylamine	1.251	1.135	0.050	-9.2546	30.0
Hexachloroethane	0.586	0.595	0.100	1.4809	20.0
Nitrobenzene	0.430	0.410	0.050	-4.5949	25.0
Isophorone	0.827	0.767	0.050	-7.1768	25.0
2-Nitrophenol	0.178	0.182	0.050	2.3345	25.0
2,4-Dimethylphenol	0.388	0.372	0.050	-3.9789	25.0
Bis(2-Chloroethoxy)methane	0.458	0.424	0.050	-7.555	20.0
2,4-Dichlorophenol	0.304	0.312	0.060	2.6125	20.0
Naphthalene	1.031	1.039	0.200	0.7648	20.0
4-Chloroaniline	0.428	0.387	0.010	-9.5425	40.0
Hexachlorobutadiene	0.236	0.252	0.040	6.4189	30.0
Caprolactam	0.106	0.102	0.010	-4.2532	40.0
4-Chloro-3-methylphenol	0.379	0.355	0.040	-6.4144	25.0
1-Methylnaphthalene	0.722	0.714	0.100	-1.0802	20.0
2-Methylnaphthalene	0.717	0.704	0.100	-1.8268	20.0
Hexachlorocyclopentadiene	0.339	0.237	0.010	-30.2311	40.0
2,4,6-Trichlorophenol	0.391	0.396	0.090	1.2764	25.0
2,4,5-Trichlorophenol	0.421	0.399	0.100	-5.1618	25.0
1,1-Biphenyl	1.415	1.357	0.200	-4.1014	20.0
2-Chloronaphthalene	1.122	1.103	0.300	-1.7554	20.0
2-Nitroaniline	0.372	0.347	0.050	-6.6967	40.0
Dimethylphthalate	1.475	1.487	0.300	0.8001	20.0
2,6-Dinitrotoluene	0.293	0.303	0.080	3.3643	30.0
Acenaphthylene	1.815	1.827	0.400	0.6949	20.0
3-Nitroaniline	0.274	0.256	0.010	-6.356	40.0
Acenaphthene	1.220	1.208	0.200	-0.9161	20.0
2,4-Dinitrophenol	0.180	0.142	0.010	-20.867	40.0
4-Nitrophenol	0.234	0.259	0.010	10.6957	40.0
Dibenzofuran	1.677	1.721	0.300	2.5942	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424

Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:15:14

Lab File ID: BP020368.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020799 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.455	0.070	8.0239	30.0
Diethylphthalate	1.473	1.541	0.300	4.6628	20.0
Fluorene	1.394	1.422	0.200	2.0193	20.0
4-Chlorophenyl-phenylether	0.739	0.772	0.100	4.3611	20.0
4-Nitroaniline	0.228	0.235	0.010	3.051	40.0
4,6-Dinitro-2-methylphenol	0.132	0.123	0.010	-7.2995	40.0
N-Nitrosodiphenylamine	0.557	0.514	0.050	-7.6842	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.633	0.100	1.4655	20.0
4-Bromophenyl-phenylether	0.217	0.213	0.070	-1.5961	20.0
Hexachlorobenzene	0.251	0.251	0.050	0.2258	25.0
Atrazine	0.197	0.189	0.010	-4.4865	25.0
Pentachlorophenol	0.152	0.140	0.010	-7.7157	40.0
Phenanthrene	1.020	1.000	0.200	-2.0406	20.0
Pentachlorobenzene	0.297	0.285	0.050	-4.0433	20.0
Anthracene	1.038	1.028	0.200	-0.9546	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.276	0.050	-7.2891	20.0
Carbazole	0.894	0.914	0.050	2.2146	40.0
Di-n-butylphthalate	1.084	1.138	0.500	5.0274	25.0
Fluoranthene	1.376	1.132	0.400	-17.7238	25.0
Pyrene	1.432	1.169	0.400	-18.3059	25.0
Butylbenzylphthalate	0.543	0.498	0.100	-8.2972	40.0
3,3-Dichlorobenzidine	0.407	0.418	0.010	2.7169	40.0
Benzo (a) anthracene	1.357	1.315	0.300	-3.0694	30.0
Chrysene	1.257	1.229	0.200	-2.2642	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.745	0.200	-4.9249	40.0
Di-n-octyl phthalate	1.281	1.172	0.010	-8.5119	40.0
Benzo (b) fluoranthene	1.190	1.176	0.200	-1.1176	25.0
Benzo (k) fluoranthene	1.212	1.194	0.200	-1.5573	25.0
Benzo (a) pyrene	1.132	1.116	0.200	-1.4133	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.331	0.200	-4.0552	25.0
Dibenzo (a,h) anthracene	1.148	1.090	0.200	-5.0648	30.0
Benzo (g,h,i) perylene	1.119	1.082	0.200	-3.3191	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.404	0.040	6.9983	20.0
1,4-Dioxane-d8	0.474	0.501	0.010	5.8789	25.0
Pyridine-d5	1.376	1.332	0.010	-3.2102	40.0
Phenol-d5	1.718	1.540	0.010	-10.3123	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.947	0.050	-9.261	25.0
2-Chlorophenol-d4	1.228	1.242	0.200	1.1273	20.0
4-Methylphenol-d8	1.389	1.241	0.010	-10.6625	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424
 Instrument ID: BNA_P Calibration Date/Time: 5/14/2024 1:15:14
 Lab File ID: BP020368.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020799 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.146	0.050	-2.8444	20.0
2-Nitrophenol-d4	0.172	0.175	0.050	1.9515	30.0
2,4-Dichlorophenol-d3	0.313	0.316	0.060	0.9785	20.0
4-Chloroaniline-d4	0.438	0.401	0.010	-8.4346	40.0
Dimethylphthalate-d6	1.461	1.482	0.300	1.4597	20.0
Acenaphthylene-d8	1.613	1.606	0.400	-0.4348	20.0
4-Nitrophenol-d4	0.224	0.162	0.010	-27.9003	40.0
Fluorene-d10	1.218	1.250	0.100	2.6016	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.118	0.010	-6.8154	40.0
Anthracene-d10	0.865	0.885	0.300	2.2865	20.0
Pyrene-d10	1.169	0.970	0.300	-17.0357	25.0
Benzo(a)pyrene-d12	0.967	0.940	0.010	-2.7921	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424

Instrument ID: BNA_P Calibration Date/Time: 5/15/2024 1:00:57

Lab File ID: BP020381.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020651 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.483	0.010	-10.0292	40.0
Benzaldehyde	0.863	0.931	0.010	7.823	40.0
Pyridine	1.392	1.229	0.010	-11.7033	40.0
Phenol	1.773	1.642	0.080	-7.3501	20.0
Bis(2-Chloroethyl)ether	1.387	1.298	0.100	-6.4446	20.0
2-Chlorophenol	1.282	1.284	0.200	0.1685	20.0
2-Methylphenol	1.322	1.279	0.010	-3.2864	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.521	0.010	-12.0823	40.0
Acetophenone	2.305	2.188	0.060	-5.0416	20.0
4-Methylphenol	1.437	1.365	0.010	-5.0312	20.0
N-Nitroso-di-n-propylamine	1.251	1.187	0.050	-5.0527	30.0
Hexachloroethane	0.586	0.567	0.100	-3.295	20.0
Nitrobenzene	0.430	0.405	0.050	-5.8059	25.0
Isophorone	0.827	0.777	0.050	-5.9768	25.0
2-Nitrophenol	0.178	0.184	0.050	3.3288	25.0
2,4-Dimethylphenol	0.388	0.367	0.050	-5.4178	25.0
Bis(2-Chloroethoxy)methane	0.458	0.417	0.050	-8.9529	20.0
2,4-Dichlorophenol	0.304	0.315	0.060	3.421	20.0
Naphthalene	1.031	0.998	0.200	-3.1609	20.0
4-Chloroaniline	0.428	0.413	0.010	-3.5817	40.0
Hexachlorobutadiene	0.236	0.235	0.040	-0.4981	30.0
Caprolactam	0.106	0.114	0.010	7.4305	40.0
4-Chloro-3-methylphenol	0.379	0.385	0.040	1.5301	25.0
1-Methylnaphthalene	0.722	0.721	0.100	-0.0776	20.0
2-Methylnaphthalene	0.717	0.715	0.100	-0.2597	20.0
Hexachlorocyclopentadiene	0.339	0.276	0.010	-18.6535	40.0
2,4,6-Trichlorophenol	0.391	0.381	0.090	-2.5884	25.0
2,4,5-Trichlorophenol	0.421	0.407	0.100	-3.4186	25.0
1,1-Biphenyl	1.415	1.295	0.200	-8.4796	20.0
2-Chloronaphthalene	1.122	1.059	0.300	-5.6873	20.0
2-Nitroaniline	0.372	0.361	0.050	-3.0213	40.0
Dimethylphthalate	1.475	1.451	0.300	-1.6721	20.0
2,6-Dinitrotoluene	0.293	0.300	0.080	2.463	30.0
Acenaphthylene	1.815	1.772	0.400	-2.3616	20.0
3-Nitroaniline	0.274	0.281	0.010	2.7012	40.0
Acenaphthene	1.220	1.161	0.200	-4.8034	20.0
2,4-Dinitrophenol	0.180	0.183	0.010	1.4653	40.0
4-Nitrophenol	0.234	0.218	0.010	-6.5865	40.0
Dibenzofuran	1.677	1.667	0.300	-0.6229	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424

Instrument ID: BNA_P Calibration Date/Time: 5/15/2024 1:00:57

Lab File ID: BP020381.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020651 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.474	0.070	12.3793	30.0
Diethylphthalate	1.473	1.471	0.300	-0.1435	20.0
Fluorene	1.394	1.412	0.200	1.3336	20.0
4-Chlorophenyl-phenylether	0.739	0.756	0.100	2.2884	20.0
4-Nitroaniline	0.228	0.262	0.010	14.8128	40.0
4,6-Dinitro-2-methylphenol	0.132	0.129	0.010	-2.3338	40.0
N-Nitrosodiphenylamine	0.557	0.514	0.050	-7.7661	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.596	0.100	-4.4408	20.0
4-Bromophenyl-phenylether	0.217	0.209	0.070	-3.7114	20.0
Hexachlorobenzene	0.251	0.251	0.050	-0.1205	25.0
Atrazine	0.197	0.189	0.010	-4.2402	25.0
Pentachlorophenol	0.152	0.144	0.010	-5.3596	40.0
Phenanthrene	1.020	0.986	0.200	-3.3982	20.0
Pentachlorobenzene	0.297	0.274	0.050	-8.0266	20.0
Anthracene	1.038	1.016	0.200	-2.0798	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.255	0.050	-14.2825	20.0
Carbazole	0.894	0.882	0.050	-1.351	40.0
Di-n-butylphthalate	1.084	1.089	0.500	0.5112	25.0
Fluoranthene	1.376	1.199	0.400	-12.882	25.0
Pyrene	1.432	1.245	0.400	-13.0325	25.0
Butylbenzylphthalate	0.543	0.491	0.100	-9.6352	40.0
3,3-Dichlorobenzidine	0.407	0.385	0.010	-5.4418	40.0
Benzo(a)anthracene	1.357	1.302	0.300	-4.0281	30.0
Chrysene	1.257	1.199	0.200	-4.6562	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.729	0.200	-7.0422	40.0
Di-n-octyl phthalate	1.281	1.097	0.010	-14.3863	40.0
Benzo(b)fluoranthene	1.190	1.156	0.200	-2.8708	25.0
Benzo(k)fluoranthene	1.212	1.158	0.200	-4.5122	25.0
Benzo(a)pyrene	1.132	1.104	0.200	-2.4887	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.335	0.200	-3.7689	25.0
Dibenzo(a,h)anthracene	1.148	1.100	0.200	-4.1487	30.0
Benzo(g,h,i)perylene	1.119	1.071	0.200	-4.3375	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.395	0.040	4.5082	20.0
1,4-Dioxane-d8	0.474	0.442	0.010	-6.6312	25.0
Pyridine-d5	1.376	1.205	0.010	-12.422	40.0
Phenol-d5	1.718	1.605	0.010	-6.5608	25.0
Bis-(2-Chloroethyl)ether-d8	1.043	0.952	0.050	-8.7335	25.0
2-Chlorophenol-d4	1.228	1.219	0.200	-0.6943	20.0
4-Methylphenol-d8	1.389	1.321	0.010	-4.8763	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG No.: BP051424
 Instrument ID: BNA_P Calibration Date/Time: 5/15/2024 1:00:57
 Lab File ID: BP020381.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020651 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.145	0.050	-3.136	20.0
2-Nitrophenol-d4	0.172	0.175	0.050	1.9213	30.0
2,4-Dichlorophenol-d3	0.313	0.331	0.060	5.8461	20.0
4-Chloroaniline-d4	0.438	0.421	0.010	-3.9178	40.0
Dimethylphthalate-d6	1.461	1.420	0.300	-2.7991	20.0
Acenaphthylene-d8	1.613	1.587	0.400	-1.6626	20.0
4-Nitrophenol-d4	0.224	0.209	0.010	-6.7331	40.0
Fluorene-d10	1.218	1.225	0.100	0.5827	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.125	0.010	-1.5256	40.0
Anthracene-d10	0.865	0.850	0.300	-1.7401	20.0
Pyrene-d10	1.169	1.037	0.300	-11.2692	25.0
Benzo(a)pyrene-d12	0.967	0.931	0.010	-3.7142	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020369.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

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:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020369.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

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:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020369.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

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	6.111		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	24.918		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.149		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.221		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.561		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	22.73		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.622		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.372		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.779		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.944		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.461		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.073		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.702		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.946		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020369.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.189		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	28.556		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	24.488		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.142		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67523	7.581				
1146-65-2	Naphthalene-d8	257836	10.357				
15067-26-2	Acenaphthene-d10	177334	14.275				
1517-22-2	Phenanthrene-d10	413897	17.122				
1719-03-5	Chrysene-d12	449132	21.616				
1520-96-3	Perylene-d12	512748	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg



Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP051424
Lab Sample ID:	P2448-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020370.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP051424
Lab Sample ID:	P2448-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020370.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	510	ug/Kg



Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP051424
Lab Sample ID:	P2448-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020370.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	81	U	81	130	510	ug/Kg
218-01-9	Chrysene	93	U	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	5/3/2024 12:00:00 AM
Project:		Date Received:	5/3/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BP051424
Lab Sample ID:	P2448-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020370.D	1	5/14/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64128	7.593				
1146-65-2	Naphthalene-d8	238520	10.363				
15067-26-2	Acenaphthene-d10	181858	14.275				
1517-22-2	Phenanthrene-d10	440607	17.116				
1719-03-5	Chrysene-d12	467466	21.61				
1520-96-3	Perylene-d12	531715	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1	SDG No.:	BP051424
Lab Sample ID:	P2372-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020371.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	83	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	53.2	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	U	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	53.2	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.2	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.2	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.2	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.2	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1	SDG No.:	BP051424
Lab Sample ID:	P2372-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020371.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.2	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.2	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	40	U	40	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.2	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.2	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.2	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	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.2	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	36	U	36	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.2	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.2	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1	SDG No.:	BP051424
Lab Sample ID:	P2372-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020371.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.2	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.018		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.152		20-120		45	SPK: -40
4165-62-2	Phenol-d5	18.683		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.352		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.887		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	17.232		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	23.067		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.366		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.667		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.637		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.62		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	24.397		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.459		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	26.854		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1	SDG No.:	BP051424
Lab Sample ID:	P2372-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
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
BP020371.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.881		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	26.24		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	24.085		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.804		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80390	7.587				
1146-65-2	Naphthalene-d8	314912	10.357				
15067-26-2	Acenaphthene-d10	226557	14.263				
1517-22-2	Phenanthrene-d10	538159	17.11				
1719-03-5	Chrysene-d12	545272	21.604				
1520-96-3	Perylene-d12	618205	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	86	J			3.469	
000057-10-3	n-Hexadecanoic acid	140	J			18.075	
	(DEL) Alkane: Straight-Chain	97	J			21.286	
E966796	Total Alkanes	97				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MS	SDG No.:	BP051424
Lab Sample ID:	P2372-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020372.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	590		14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	1900		56	100	410	ug/Kg
110-86-1	Pyridine	1500		41	210	410	ug/Kg
108-95-2	Phenol	1600		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1600		29	53.3	210	ug/Kg
95-48-7	2-Methylphenol	1600		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		75	100	410	ug/Kg
98-86-2	Acetophenone	1600		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1600		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		64	53.3	210	ug/Kg
67-72-1	Hexachloroethane	1500		23	53.3	210	ug/Kg
98-95-3	Nitrobenzene	1500		39	53.3	210	ug/Kg
78-59-1	Isophorone	1500		60	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	1700		39	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		31	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		54	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		20	53.3	210	ug/Kg
91-20-3	Naphthalene	1600		31	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	1400		30	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	1600		55	53.3	210	ug/Kg
105-60-2	Caprolactam	1800		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		61	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	1700		41	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	1700		29	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		61	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		49	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MS	SDG No.:	BP051424
Lab Sample ID:	P2372-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020372.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		30	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	1600		33	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	1700		51	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	1600		36	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		55	53.3	210	ug/Kg
208-96-8	Acenaphthylene	1600		40	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	1600		55	100	410	ug/Kg
83-32-9	Acenaphthene	1600		36	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1900		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		40	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		54	53.3	210	ug/Kg
84-66-2	Diethylphthalate	1700		38	53.3	210	ug/Kg
86-73-7	Fluorene	1700		31	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	1900		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		97	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		41	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		30	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		36	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	1700		40	53.3	210	ug/Kg
1912-24-9	Atrazine	1800		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1700		93	100	410	ug/Kg
85-01-8	Phenanthrene	1600		36	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	1600		65	53.3	210	ug/Kg
120-12-7	Anthracene	1600		31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		63	53.3	210	ug/Kg
86-74-8	Carbazole	1600		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1800		77	53.3	210	ug/Kg
206-44-0	Fluoranthene	1500		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MS	SDG No.:	BP051424
Lab Sample ID:	P2372-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020372.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		61	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		110	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1600		34	53.3	210	ug/Kg
218-01-9	Chrysene	1700		39	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		120	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		41	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		40	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		39	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		35	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		33	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		41	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.161		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	29.92		20-120		75	SPK: -40
4165-62-2	Phenol-d5	32.14		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.724		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.284		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	30.761		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	36.104		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.369		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.795		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.142		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.789		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.16		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.201		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	36.305		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MS	SDG No.:	BP051424
Lab Sample ID:	P2372-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020372.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.775		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	37.002		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	34.86		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.084		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73276	7.587				
1146-65-2	Naphthalene-d8	312039	10.363				
15067-26-2	Acenaphthene-d10	230169	14.269				
1517-22-2	Phenanthrene-d10	517640	17.122				
1719-03-5	Chrysene-d12	515812	21.604				
1520-96-3	Perylene-d12	582338	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MSD	SDG No.:	BP051424
Lab Sample ID:	P2372-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020373.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	580		14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	1900		56	100	410	ug/Kg
110-86-1	Pyridine	1500		41	210	410	ug/Kg
108-95-2	Phenol	1500		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1600		29	53.4	210	ug/Kg
95-48-7	2-Methylphenol	1600		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		75	100	410	ug/Kg
98-86-2	Acetophenone	1500		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1600		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		64	53.4	210	ug/Kg
67-72-1	Hexachloroethane	1500		23	53.4	210	ug/Kg
98-95-3	Nitrobenzene	1500		39	53.4	210	ug/Kg
78-59-1	Isophorone	1500		60	53.4	210	ug/Kg
88-75-5	2-Nitrophenol	1700		39	53.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		31	53.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		54	53.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		20	53.4	210	ug/Kg
91-20-3	Naphthalene	1600		31	53.4	210	ug/Kg
106-47-8	4-Chloroaniline	1400		30	53.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	1600		55	53.4	210	ug/Kg
105-60-2	Caprolactam	1800		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		62	53.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	1700		41	53.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	1700		29	53.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		62	53.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		49	53.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MSD	SDG No.:	BP051424
Lab Sample ID:	P2372-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020373.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		30	53.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	1600		33	53.4	210	ug/Kg
88-74-4	2-Nitroaniline	1700		51	53.4	210	ug/Kg
131-11-3	Dimethylphthalate	1700		36	53.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		55	53.4	210	ug/Kg
208-96-8	Acenaphthylene	1600		40	53.4	210	ug/Kg
99-09-2	3-Nitroaniline	1700		55	100	410	ug/Kg
83-32-9	Acenaphthene	1600		36	53.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1500		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1700		40	53.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		54	53.4	210	ug/Kg
84-66-2	Diethylphthalate	1700		38	53.4	210	ug/Kg
86-73-7	Fluorene	1700		31	53.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		25	53.4	210	ug/Kg
100-01-6	4-Nitroaniline	1900		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		97	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		41	53.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		30	53.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		36	53.4	210	ug/Kg
118-74-1	Hexachlorobenzene	1700		40	53.4	210	ug/Kg
1912-24-9	Atrazine	1800		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1700		93	100	410	ug/Kg
85-01-8	Phenanthrene	1700		36	53.4	210	ug/Kg
608-93-5	Pentachlorobenzene	1600		65	53.4	210	ug/Kg
120-12-7	Anthracene	1600		31	53.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		63	53.4	210	ug/Kg
86-74-8	Carbazole	1700		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1800		77	53.4	210	ug/Kg
206-44-0	Fluoranthene	1500		68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MSD	SDG No.:	BP051424
Lab Sample ID:	P2372-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020373.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		62	53.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		110	53.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1600		34	53.4	210	ug/Kg
218-01-9	Chrysene	1600		39	53.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		120	53.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		41	53.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		48	53.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		40	53.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		39	53.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		35	53.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		33	53.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		41	53.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.863		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	28.863		20-120		72	SPK: -40
4165-62-2	Phenol-d5	31.773		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.989		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.036		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	30.176		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	36.001		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.691		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.89		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.697		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.738		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.72		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.229		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	37.659		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43R1MSD	SDG No.:	BP051424
Lab Sample ID:	P2372-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020373.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.998		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	37.869		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	32.815		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.294		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78269	7.593				
1146-65-2	Naphthalene-d8	324577	10.363				
15067-26-2	Acenaphthene-d10	233835	14.257				
1517-22-2	Phenanthrene-d10	521414	17.098				
1719-03-5	Chrysene-d12	536968	21.604				
1520-96-3	Perylene-d12	584186	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T4	SDG No.:	BP051424
Lab Sample ID:	P2372-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020374.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.6	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	50	U	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	63	U	63	52.6	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.6	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.6	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.6	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.6	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T4	SDG No.:	BP051424
Lab Sample ID:	P2372-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020374.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.6	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.6	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.6	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.6	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.6	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.6	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.6	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T4	SDG No.:	BP051424
Lab Sample ID:	P2372-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020374.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.6	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.584		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	15.888		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.7		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.846		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.654		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.502		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.254		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.606		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.242		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.752		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.265		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	21.536		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.234		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	22.786		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T4	SDG No.:	BP051424
Lab Sample ID:	P2372-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020374.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.445		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	21.511		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.576		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.595		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84836	7.587				
1146-65-2	Naphthalene-d8	356700	10.357				
15067-26-2	Acenaphthene-d10	257777	14.263				
1517-22-2	Phenanthrene-d10	613723	17.116				
1719-03-5	Chrysene-d12	617601	21.604				
1520-96-3	Perylene-d12	674734	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	87	J			3.47	
000086-73-7	Fluo rene	87	J			15.351	
000086-74-8	Carba zole	86	J			17.557	
000057-10-3	n-Hexadecanoic acid	270	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	83	J			18.233	
000206-44-0	Fluoran thene	650	J			19.275	
959085-66-6	Heptadecyl heptafluorobutyrate	100	J			21.28	
000050-32-8	Benzo[a]pyrene	230	J			23.898	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T5	SDG No.:	BP051424
Lab Sample ID:	P2372-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020375.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.2	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.2	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.2	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.2	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.2	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T5	SDG No.:	BP051424
Lab Sample ID:	P2372-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020375.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.2	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.2	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.2	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.2	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52.2	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.2	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T5	SDG No.:	BP051424
Lab Sample ID:	P2372-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020375.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.2	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.366		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	18.767		20-120		47	SPK: -40
4165-62-2	Phenol-d5	19.721		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.561		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.238		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.317		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.672		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.053		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.826		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.949		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.344		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.321		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.404		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	25.684		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T5	SDG No.:	BP051424
Lab Sample ID:	P2372-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020375.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.514		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	25.639		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	23.045		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.163		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78932	7.593				
1146-65-2	Naphthalene-d8	311294	10.357				
15067-26-2	Acenaphthene-d10	232238	14.269				
1517-22-2	Phenanthrene-d10	563667	17.116				
1719-03-5	Chrysene-d12	601864	21.598				
1520-96-3	Perylene-d12	688326	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.47	
	unknown-01	90	J			14.504	
000057-10-3	n-Hexadecanoic acid	140	J			18.069	
1000406-04-8	Pentadecafluorooctanoic acid, octa	84	J			21.28	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T6	SDG No.:	BP051424
Lab Sample ID:	P2372-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020376.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	96.9	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	50	U	50	96.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	96.9	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.9	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	96.9	390	ug/Kg
98-86-2	Acetophenone	47	U	47	96.9	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	96.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	49.9	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.9	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.9	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	49.9	200	ug/Kg
105-60-2	Caprolactam	85	U	85	96.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T6	SDG No.:	BP051424
Lab Sample ID:	P2372-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020376.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	49.9	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	96.9	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	96.9	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.9	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.9	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.9	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	96.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	96.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	49.9	200	ug/Kg
1912-24-9	Atrazine	83	U	83	96.9	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	96.9	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	49.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	49.9	200	ug/Kg
86-74-8	Carbazole	33	U	33	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	49.9	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T6	SDG No.:	BP051424
Lab Sample ID:	P2372-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020376.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	49.9	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.686		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	19.557		20-120		49	SPK: -40
4165-62-2	Phenol-d5	22.649		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.584		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.934		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.254		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.003		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.241		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.23		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.287		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.536		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.795		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.766		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	30.156		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T6	SDG No.:	BP051424
Lab Sample ID:	P2372-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020376.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.145		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.919		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.523		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.466		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74520	7.593				
1146-65-2	Naphthalene-d8	302173	10.363				
15067-26-2	Acenaphthene-d10	216050	14.263				
1517-22-2	Phenanthrene-d10	520414	17.11				
1719-03-5	Chrysene-d12	588242	21.61				
1520-96-3	Perylene-d12	678938	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	89	J			11.169	
000057-10-3	n-Hexadecanoic acid	320	J			18.069	
000057-11-4	Octadecanoic acid	120	J			19.422	
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			21.292	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T7	SDG No.:	BP051424
Lab Sample ID:	P2372-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020377.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99	400	ug/Kg
106-44-5	4-Methylphenol	44	U	44	99	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51	200	ug/Kg
78-59-1	Isophorone	58	U	58	51	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51	200	ug/Kg
105-60-2	Caprolactam	86	U	86	99	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T7	SDG No.:	BP051424
Lab Sample ID:	P2372-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020377.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	51	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99	400	ug/Kg
132-64-9	Dibenzofuran	38	U	38	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51	200	ug/Kg
86-73-7	Fluorene	30	U	30	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	99	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	51	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51	200	ug/Kg
86-74-8	Carbazole	34	U	34	99	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	99	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T7	SDG No.:	BP051424
Lab Sample ID:	P2372-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020377.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99	400	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	51	200	ug/Kg
218-01-9	Chrysene	37	U	37	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.329		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	17.198		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.297		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.682		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.163		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.579		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.698		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.701		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.456		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.792		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.252		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	24.81		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.801		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.698		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T7	SDG No.:	BP051424
Lab Sample ID:	P2372-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020377.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.79		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	27.685		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	22.801		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.794		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59510	7.593				
1146-65-2	Naphthalene-d8	225975	10.357				
15067-26-2	Acenaphthene-d10	157515	14.269				
1517-22-2	Phenanthrene-d10	344061	17.116				
1719-03-5	Chrysene-d12	406686	21.604				
1520-96-3	Perylene-d12	508168	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.069	
	(DEL) Alkane: Straight-Chain	21.286	J			21.286	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T8	SDG No.:	BP051424
Lab Sample ID:	P2372-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020378.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T8	SDG No.:	BP051424
Lab Sample ID:	P2372-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020378.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T8	SDG No.:	BP051424
Lab Sample ID:	P2372-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020378.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.236		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.332		20-120		41	SPK: -40
4165-62-2	Phenol-d5	20.307		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.144		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.286		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.488		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.143		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.652		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.868		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.291		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.371		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	25.609		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.891		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.317		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T8	SDG No.:	BP051424
Lab Sample ID:	P2372-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020378.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.179		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	28.445		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.026		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.888		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49430	7.593				
1146-65-2	Naphthalene-d8	206851	10.363				
15067-26-2	Acenaphthene-d10	156419	14.263				
1517-22-2	Phenanthrene-d10	383194	17.104				
1719-03-5	Chrysene-d12	420207	21.604				
1520-96-3	Perylene-d12	488659	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			18.057	
	(DEL) Alkane: Cyclic	230	J			21.286	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T9	SDG No.:	BP051424
Lab Sample ID:	P2372-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020379.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

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	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	54	U	54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.5	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	420	ug/Kg
98-86-2	Acetophenone	50	U	50	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.5	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.5	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.5	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.5	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.5	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.5	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.5	210	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T9	SDG No.:	BP051424
Lab Sample ID:	P2372-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020379.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.5	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.5	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.5	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	420	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.5	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.5	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.5	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.5	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.5	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	420	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	420	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.5	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.5	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.5	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T9	SDG No.:	BP051424
Lab Sample ID:	P2372-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020379.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	53.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.5	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	53.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.612		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	18.615		20-120		47	SPK: -40
4165-62-2	Phenol-d5	20.118		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.791		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.299		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	19.436		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	24.448		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.591		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.623		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.82		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.913		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	25.9		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.02		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.829		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43T9	SDG No.:	BP051424
Lab Sample ID:	P2372-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020379.D	1	5/8/2024 12:00:00 AM	5/14/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.798		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	28.078		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	24.791		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.597		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70597	7.593				
1146-65-2	Naphthalene-d8	284744	10.363				
15067-26-2	Acenaphthene-d10	200108	14.269				
1517-22-2	Phenanthrene-d10	456599	17.104				
1719-03-5	Chrysene-d12	511976	21.604				
1520-96-3	Perylene-d12	579088	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.075	
	(DEL) Alkane: Cyclic	120	J			21.286	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W2	SDG No.:	BP051424
Lab Sample ID:	P2372-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020380.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.4	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.4	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.4	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.4	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.4	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.4	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W2	SDG No.:	BP051424
Lab Sample ID:	P2372-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020380.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.4	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.4	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.4	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.4	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.4	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.4	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.4	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W2	SDG No.:	BP051424
Lab Sample ID:	P2372-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020380.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.4	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.865		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	21.254		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.389		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.065		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.692		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.834		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.12		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.341		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.911		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.004		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.56		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.218		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.572		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	29.559		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W2	SDG No.:	BP051424
Lab Sample ID:	P2372-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020380.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.511		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	28.678		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	26.621		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.444		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62354	7.593				
1146-65-2	Naphthalene-d8	266549	10.363				
15067-26-2	Acenaphthene-d10	195886	14.275				
1517-22-2	Phenanthrene-d10	483505	17.11				
1719-03-5	Chrysene-d12	483542	21.598				
1520-96-3	Perylene-d12	554232	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	87	J			14.51	
000057-10-3	n-Hexadecanoic acid	430	J			18.069	
000057-11-4	Octadecanoic acid	100	J			19.416	
	(DEL) Alkane: Straight-Chain	220	J			21.28	
007683-64-9	Supraene	130	J			23.416	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020382.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

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:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020382.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

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:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020382.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

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	5.827		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	24.985		20-120		62	SPK: -40
4165-62-2	Phenol-d5	24.894		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.995		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.143		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.67		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.385		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.92		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.012		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.138		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.588		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.158		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.022		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.547		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	SBLK788	SDG No.:	BP051424
Lab Sample ID:	PB160788BL	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
BP020382.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.297		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.4		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	23.924		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.339		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84456	7.593				
1146-65-2	Naphthalene-d8	341781	10.363				
15067-26-2	Acenaphthene-d10	234566	14.269				
1517-22-2	Phenanthrene-d10	545109	17.11				
1719-03-5	Chrysene-d12	601775	21.604				
1520-96-3	Perylene-d12	685995	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W0	SDG No.:	BP051424
Lab Sample ID:	P2372-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020383.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.3	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.3	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.3	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.3	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.5	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.5	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.5	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W0	SDG No.:	BP051424
Lab Sample ID:	P2372-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020383.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.5	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.3	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.3	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.3	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.5	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.5	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.5	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.3	360	ug/Kg
87-86-5	Pentachlorophenol	95	J	81	90.3	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.5	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.5	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W0	SDG No.:	BP051424
Lab Sample ID:	P2372-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020383.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.5	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.861		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	6.893	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	14.627		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.622		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.314		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	5.558		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	16.924		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.178		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.613		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.108		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.705		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.267		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.628		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.482		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W0	SDG No.:	BP051424
Lab Sample ID:	P2372-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020383.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.226		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	22.587		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	21.377		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.432		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62881	7.593				
1146-65-2	Naphthalene-d8	267648	10.369				
15067-26-2	Acenaphthene-d10	200994	14.263				
1517-22-2	Phenanthrene-d10	484491	17.104				
1719-03-5	Chrysene-d12	505901	21.604				
1520-96-3	Perylene-d12	585240	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
003387-41-5	Bicyclo[3.1.0]hexane, 4-methylene-	140	J			6.887	
000098-86-2	Aceto phenone	230	J			8.44	
	unknown-01	95	J			15.716	
	(DEL) Alkane: Straight-Chain	100	J			16.04	
013187-99-0	2-Bromo dodecane	75	J			16.863	
000057-10-3	n-Hexadecanoic acid	220	J			18.069	
000057-11-4	Octadecanoic acid	78	J			19.416	
	(DEL) Alkane: Straight-Chain	140	J			21.286	
E966796	Total Alkanes	240				99	ug/Kg



Client:				Date Collected:	4/30/2024 12:00:00 AM	
Project:				Date Received:	4/30/2024 12:00:00 AM	
Client Sample ID:	A43W4			SDG No.:	BP051424	
Lab Sample ID:	P2372-14			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	16.4	
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
BP020384.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	79	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.4	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.4	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.4	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W4	SDG No.:	BP051424
Lab Sample ID:	P2372-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP020384.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98.4	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.4	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.4	390	ug/Kg
85-01-8	Phenanthrene	35	U	35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W4	SDG No.:	BP051424
Lab Sample ID:	P2372-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP020384.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.7	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.883		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	7.541	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	20.604		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.91		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.501		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	19.339		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	23.727		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.789		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.862		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.932		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.751		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.039		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.649		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	26.141		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W4	SDG No.:	BP051424
Lab Sample ID:	P2372-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP020384.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.309		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	26.98		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	24.993		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.84		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81125	7.593				
1146-65-2	Naphthalene-d8	337347	10.363				
15067-26-2	Acenaphthene-d10	233733	14.269				
1517-22-2	Phenanthrene-d10	530773	17.116				
1719-03-5	Chrysene-d12	544206	21.604				
1520-96-3	Perylene-d12	628427	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	360	J			8.428	
000091-20-3	Naph thalene	110	J			10.416	
000083-32-9	Acena phthene	230	J			14.334	
000132-64-9	Diben zofuran	150	J			14.687	
000086-73-7	Fluo rene	240	J			15.351	
000486-25-9	9H-Fluoren-9-one	110	J			16.769	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	130	J			16.863	
000132-65-0	Dibenzothiophene	150	J			16.934	
000086-74-8	Carba zole	330	J			17.557	
000832-69-9	Phenanthrene, 1-methyl-	270	J			18.028	
002531-84-2	Phenanthrene, 2-methyl-	650	J			18.081	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	130	J			18.169	
000203-64-5	4H-Cyclopenta[def]phenanthrene	500	J			18.228	
004505-48-0	1H-Indene, 2-phenyl-	190	J			18.269	
000612-94-2	Naphthalene, 2-phenyl-	280	J			18.563	
000084-65-1	9,10-Anthracenedione	310	J			18.616	
002789-88-0	di-p-Tolylacetylene	140	J			18.986	

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W4	SDG No.:	BP051424
Lab Sample ID:	P2372-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BP020384.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000081-84-5	Naphthalic anhydride	120	J			19.051	
005737-13-3	Cyclopenta(def)phenanthrene	240	J			19.151	
000206-44-0	Fluoranthene	3800	J			19.269	
002381-21-7	Pyrene, 1-methyl-	94	J			19.998	
000243-17-4	11H-Benzo[b]fluorene	100	J			20.175	
003442-78-2	Pyrene, 2-methyl-	90	J			20.339	
000217-59-4	Triphenylene	88	J			21.21	
003234-85-3	Myristyl myristate	200	J			21.281	
000207-08-9	Benzo[k]fluoranthene	1700	J			23.898	
000050-32-8	Benzo[a]pyrene	180	J			24.151	
000192-97-2	Benzo[e]pyrene	730	J			24.639	
000205-99-2	Benzo[b]fluoranthene	1300	J			24.798	
000191-24-2	Benzo[ghi]perylene	630	J			29.933	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W5	SDG No.:	BP051424
Lab Sample ID:	P2372-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP020385.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.5	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.5	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.5	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W5	SDG No.:	BP051424
Lab Sample ID:	P2372-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP020385.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.5	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.5	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.5	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.5	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.5	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.5	210	ug/Kg
206-44-0	Fluoranthene	67	U	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W5	SDG No.:	BP051424
Lab Sample ID:	P2372-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020385.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.273		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.047		20-120		25	SPK: -40
4165-62-2	Phenol-d5	23.257		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.13		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.554		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	21.301		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.564		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.729		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.357		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.96		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.381		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.007		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.554		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.269		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W5	SDG No.:	BP051424
Lab Sample ID:	P2372-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP020385.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.109		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.684		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	26.376		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.426		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78036	7.593				
1146-65-2	Naphthalene-d8	338575	10.363				
15067-26-2	Acenaphthene-d10	249668	14.269				
1517-22-2	Phenanthrene-d10	569260	17.11				
1719-03-5	Chrysene-d12	534353	21.598				
1520-96-3	Perylene-d12	615566	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-86-2	Aceto phenone	470	J			8.422	
000083-32-9	Acena phthene	310	J			14.334	
000132-64-9	Diben zofuran	200	J			14.687	
000086-73-7	Fluo rene	320	J			15.351	
007320-53-8	Dibenzofuran, 4-methyl-	120	J			15.657	
001689-64-1	9H-Fluoren-9-ol	140	J			15.81	
000486-25-9	9H-Fluoren-9-one	160	J			16.763	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	180	J			16.851	
000234-41-3	Naphtho[1,2-b]thiophene	210	J			16.922	
000244-99-5	5H-Indeno[1,2-b]pyridine	400	J			17.545	
000832-69-9	Phenanthrene, 1-methyl-	350	J			18.028	
002531-84-2	Phenanthrene, 2-methyl-	730	J			18.075	
000610-48-0	Anthracene, 1-methyl-	170	J			18.163	
000203-64-5	4H-Cyclopenta[def]phenanthrene	580	J			18.228	
000832-64-4	Phenanthrene, 4-methyl-	240	J			18.269	
000612-94-2	Naphthalene, 2-phenyl-	270	J			18.557	
000084-65-1	9,10-Anthracenedione	330	J			18.616	

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W5	SDG No.:	BP051424
Lab Sample ID:	P2372-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BP020385.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-65-5	Phenanthrene, 2,3-dimethyl-	110	J			18.81	
000781-43-1	9,10-Dimethylanthracene	170	J			18.992	
	unknown-01	130	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	270	J			19.145	
000206-44-0	Fluoranthene	4400	J			19.269	
002381-21-7	Pyrene, 1-methyl-	120	J			19.998	
000243-17-4	11H-Benzo[b]fluorene	120	J			20.175	
000207-08-9	Benzo[k]fluoranthene	2200	J			23.904	
000192-97-2	Benzo[e]pyrene	790	J			24.645	
000050-32-8	Benzo[a]pyrene	1700	J			24.798	
000205-99-2	Benzo[b]fluoranthene	310	J			25.027	
000193-39-5	Indeno[1,2,3-cd]pyrene	440	J			28.768	
000191-24-2	Benzo[ghi]perylene	370	J			29.927	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W6	SDG No.:	BP051424
Lab Sample ID:	P2372-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020386.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W6	SDG No.:	BP051424
Lab Sample ID:	P2372-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020386.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W6	SDG No.:	BP051424
Lab Sample ID:	P2372-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020386.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.117		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	18.422		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.597		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.385		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.811		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.166		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.818		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.45		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.298		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.668		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.182		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.005		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.283		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	28.526		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W6	SDG No.:	BP051424
Lab Sample ID:	P2372-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020386.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.353		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	28.043		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.125		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.724		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77101	7.593				
1146-65-2	Naphthalene-d8	312096	10.357				
15067-26-2	Acenaphthene-d10	231661	14.269				
1517-22-2	Phenanthrene-d10	523897	17.104				
1719-03-5	Chrysene-d12	526418	21.604				
1520-96-3	Perylene-d12	586506	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.057	
000206-44-0	Fluoran thene	210	J			19.257	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			21.286	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W1	SDG No.:	BP051424
Lab Sample ID:	P2372-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020387.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	94	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.4	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.4	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.4	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.4	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.4	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W1	SDG No.:	BP051424
Lab Sample ID:	P2372-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020387.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.4	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94	380	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.4	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.4	190	ug/Kg
86-73-7	Fluorene	28	U	28	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.4	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94	380	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	94	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.4	190	ug/Kg
86-74-8	Carbazole	32	U	32	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48.4	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W1	SDG No.:	BP051424
Lab Sample ID:	P2372-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020387.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.4	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.311		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	18.181		20-120		45	SPK: -40
4165-62-2	Phenol-d5	22.502		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.789		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.194		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.552		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.035		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.23		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.203		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.602		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.854		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.591		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.001		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.785		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W1	SDG No.:	BP051424
Lab Sample ID:	P2372-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020387.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.281		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	27.335		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	26.257		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.609		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94397	7.593				
1146-65-2	Naphthalene-d8	381870	10.357				
15067-26-2	Acenaphthene-d10	255359	14.263				
1517-22-2	Phenanthrene-d10	561380	17.104				
1719-03-5	Chrysene-d12	551797	21.61				
1520-96-3	Perylene-d12	619559	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	92	J			10.193	
000057-10-3	n-Hexadecanoic acid	230	J			18.063	
	(DEL) Alkane: Straight-Chain	21.286	J			21.286	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W3	SDG No.:	BP051424
Lab Sample ID:	P2372-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BP020388.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.5	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.5	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.5	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.3	210	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.3	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.3	210	ug/Kg
105-60-2	Caprolactam	87	U	87	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W3	SDG No.:	BP051424
Lab Sample ID:	P2372-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BP020388.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.5	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.5	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.3	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.3	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.3	210	ug/Kg
1912-24-9	Atrazine	86	U	86	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.5	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.3	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.3	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W3	SDG No.:	BP051424
Lab Sample ID:	P2372-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BP020388.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.3	210	ug/Kg
218-01-9	Chrysene	37	U	37	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.044		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	17.757		20-120		44	SPK: -40
4165-62-2	Phenol-d5	26.231		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.37		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.525		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.809		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.057		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.398		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.382		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.11		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.248		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.545		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.746		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	32.272		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W3	SDG No.:	BP051424
Lab Sample ID:	P2372-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BP020388.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.014		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	31.682		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	29.334		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.982		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69970	7.587				
1146-65-2	Naphthalene-d8	298014	10.357				
15067-26-2	Acenaphthene-d10	219862	14.263				
1517-22-2	Phenanthrene-d10	510198	17.104				
1719-03-5	Chrysene-d12	505769	21.604				
1520-96-3	Perylene-d12	561929	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.47	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.157	
	unknown-01	150	J			14.504	
000057-10-3	n-Hexadecanoic acid	450	J			18.069	
000057-11-4	Octadecanoic acid	220	J			19.416	
	(DEL) Alkane: Straight-Chain	210	J			21.286	
007683-64-9	Supraene	89	J			23.439	
E966796	Total Alkanes	210				99	ug/Kg



Client:				Date Collected:	4/30/2024 12:00:00 AM	
Project:				Date Received:	4/30/2024 12:00:00 AM	
Client Sample ID:	A43W8			SDG No.:	BP051424	
Lab Sample ID:	P2372-18			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	17.1	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020389.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.2	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.2	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.2	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.1	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.2	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.2	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.2	400	ug/Kg
106-44-5	4-Methylphenol	44	U	44	99.2	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51.1	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.1	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.1	200	ug/Kg
78-59-1	Isophorone	58	U	58	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.1	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.1	200	ug/Kg
105-60-2	Caprolactam	87	U	87	99.2	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.2	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W8	SDG No.:	BP051424
Lab Sample ID:	P2372-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020389.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.1	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.2	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.2	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.2	400	ug/Kg
132-64-9	Dibenzofuran	38	U	38	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.1	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.1	200	ug/Kg
86-73-7	Fluorene	30	U	30	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.2	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.2	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	51.1	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99.2	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.2	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.1	200	ug/Kg
120-12-7	Anthracene	30	U	30	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.1	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.2	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51.1	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W8	SDG No.:	BP051424
Lab Sample ID:	P2372-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020389.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.2	400	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	51.1	200	ug/Kg
218-01-9	Chrysene	37	U	37	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99.2	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.1	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	19.53		20-120		49	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.371		15-120		55	SPK: -8
4165-62-2	Phenol-d5	22.855		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.378		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.496		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	21.674		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.168		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.42		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.905		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.023		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.709		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.717		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.111		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.163		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W8	SDG No.:	BP051424
Lab Sample ID:	P2372-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020389.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.398		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	28.007		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.364		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.137		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73729	7.593				
1146-65-2	Naphthalene-d8	305853	10.357				
15067-26-2	Acenaphthene-d10	225408	14.275				
1517-22-2	Phenanthrene-d10	518545	17.11				
1719-03-5	Chrysene-d12	512764	21.604				
1520-96-3	Perylene-d12	577618	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	95	J			10.204	
000057-10-3	n-Hexadecanoic acid	200	J			18.069	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			21.28	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W7	SDG No.:	BP051424
Lab Sample ID:	P2372-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BP020390.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

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	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	54	U	54	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.5	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	50	U	50	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.5	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.5	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.5	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.5	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.5	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.5	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.5	210	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W7	SDG No.:	BP051424
Lab Sample ID:	P2372-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BP020390.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.5	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.5	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.5	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.5	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	53.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.5	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.5	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.5	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.5	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.5	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	420	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	420	ug/Kg
85-01-8	Phenanthrene	37	U	37	53.5	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.5	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.5	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W7	SDG No.:	BP051424
Lab Sample ID:	P2372-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BP020390.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	53.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.5	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	53.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.114		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	19.232		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.485		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.992		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.519		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	20.884		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	26.396		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.896		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.571		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.116		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.228		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.036		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.82		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	29.395		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W7	SDG No.:	BP051424
Lab Sample ID:	P2372-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BP020390.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.517		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	30.92		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	27.604		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.641		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65749	7.593				
1146-65-2	Naphthalene-d8	264042	10.363				
15067-26-2	Acenaphthene-d10	193304	14.275				
1517-22-2	Phenanthrene-d10	452489	17.116				
1719-03-5	Chrysene-d12	501118	21.604				
1520-96-3	Perylene-d12	558384	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			18.08	
	(DEL) Alkane: Straight-Chain	21.286	J			21.286	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W9	SDG No.:	BP051424
Lab Sample ID:	P2372-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020391.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.3	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.1	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.3	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.3	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51.1	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.1	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.1	200	ug/Kg
78-59-1	Isophorone	58	U	58	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.1	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.1	200	ug/Kg
105-60-2	Caprolactam	87	U	87	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W9	SDG No.:	BP051424
Lab Sample ID:	P2372-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020391.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.1	200	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.3	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.3	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.1	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.1	200	ug/Kg
86-73-7	Fluorene	30	U	30	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.1	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.3	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.1	200	ug/Kg
120-12-7	Anthracene	30	U	30	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.1	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51.1	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W9	SDG No.:	BP051424
Lab Sample ID:	P2372-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020391.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	51.1	200	ug/Kg
218-01-9	Chrysene	37	U	37	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.513		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	18.775		20-120		47	SPK: -40
4165-62-2	Phenol-d5	22.871		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.102		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.973		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.083		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.796		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.389		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.405		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.834		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.035		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.222		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.26		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	29.748		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43W9	SDG No.:	BP051424
Lab Sample ID:	P2372-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020391.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.823		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.289		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	26.064		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.542		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74502	7.593				
1146-65-2	Naphthalene-d8	295210	10.363				
15067-26-2	Acenaphthene-d10	207519	14.275				
1517-22-2	Phenanthrene-d10	476297	17.122				
1719-03-5	Chrysene-d12	533034	21.61				
1520-96-3	Perylene-d12	616247	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	91	J			11.169	
	unknown-01	99	J			14.516	
000057-10-3	n-Hexadecanoic acid	190	J			18.075	
074339-53-0	Trichloroacetic acid, pentadecyl e	130	J			21.292	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43X0	SDG No.:	BP051424
Lab Sample ID:	P2372-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020392.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43X0	SDG No.:	BP051424
Lab Sample ID:	P2372-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020392.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43X0	SDG No.:	BP051424
Lab Sample ID:	P2372-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020392.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.086		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.734		20-120		57	SPK: -40
4165-62-2	Phenol-d5	25.431		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.431		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.565		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	25.645		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.21		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.702		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.193		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.343		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.309		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.686		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.464		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	34.187		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	4/30/2024 12:00:00 AM
Project:		Date Received:	4/30/2024 12:00:00 AM
Client Sample ID:	A43X0	SDG No.:	BP051424
Lab Sample ID:	P2372-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BP020392.D	1	5/8/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.187		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	33.395		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.228		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.159		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59707	7.593				
1146-65-2	Naphthalene-d8	249130	10.358				
15067-26-2	Acenaphthene-d10	186544	14.275				
1517-22-2	Phenanthrene-d10	434486	17.11				
1719-03-5	Chrysene-d12	448016	21.604				
1520-96-3	Perylene-d12	498685	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	86	J			10.211	
000057-10-3	n-Hexadecanoic acid	190	J			18.069	
000206-44-0	Fluoran thene	140	J			19.275	
	(DEL) Alkane: Cyclic	140	J			21.275	
E966796	Total Alkanes	140				99	ug/Kg



SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A43R1								
P2372-01	A43R1	Solid	(DEL) Alkane: Straight-Chain	21.2 *	97.000	J		
P2372-01	A43R1	Solid	n-Hexadecanoic acid	*	140.000	J		
P2372-01	A43R1	Solid	R-(-)-1,2-propanediol	*	86.000	J		
P2372-01	A43R1	Solid	Total Alkanes	*	97.000	30	210	ug/Kg
Total Tics :					420.00			
Total Concentration:					420.00			
Client ID : A43T4								
P2372-04	A43T4	Solid	4H-Cyclopenta[def]phenanthrene	*	83.000	J		
P2372-04	A43T4	Solid	Benzo[a]pyrene	*	230.000	J		
P2372-04	A43T4	Solid	Carba zole	*	86.000	J		
P2372-04	A43T4	Solid	Fluo rene	*	87.000	J		
P2372-04	A43T4	Solid	Fluoran thene	*	650.000	J		
P2372-04	A43T4	Solid	Heptadecyl heptafluorobutyrate	*	100.000	J		
P2372-04	A43T4	Solid	n-Hexadecanoic acid	*	270.000	J		
P2372-04	A43T4	Solid	Propylene Glycol	*	87.000	J		
P2372-04	A43T4	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					1,593.00			
Total Concentration:					1,593.00			
Client ID : A43T5								
P2372-05	A43T5	Solid	n-Hexadecanoic acid	*	140.000	J		
P2372-05	A43T5	Solid	Pentadecafluorooctanoic acid, oct	*	84.000	J		
P2372-05	A43T5	Solid	Propylene Glycol	*	110.000	J		
P2372-05	A43T5	Solid	unknown-01	*	90.000	J		
P2372-05	A43T5	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					424.00			
Total Concentration:					424.00			
Client ID : A43T6								
P2372-06	A43T6	Solid	1-Phenoxypropan-2-ol	*	89.000	J		
P2372-06	A43T6	Solid	Heptadecyl heptafluorobutyrate	*	130.000	J		
P2372-06	A43T6	Solid	n-Hexadecanoic acid	*	320.000	J		
P2372-06	A43T6	Solid	Octadecanoic acid	*	120.000	J		
P2372-06	A43T6	Solid	Propylene Glycol	*	140.000	J		
P2372-06	A43T6	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :					799.00			
Total Concentration:					799.00			
Client ID : A43T7								

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SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2372-07	A43T7	Solid	(DEL) Alkane: Straight-Chain21.2	*	100.000	J		
P2372-07	A43T7	Solid	n-Hexadecanoic acid	*	160.000	J		
P2372-07	A43T7	Solid	Total Alkanes	*	100.000	29	200	ug/Kg
Total Tics :					360.00			
Total Concentration:					360.00			
Client ID : A43T8								
P2372-08	A43T8	Solid	(DEL) Alkane: Cyclic21.286	*	230.000	J		
P2372-08	A43T8	Solid	n-Hexadecanoic acid	*	230.000	J		
P2372-08	A43T8	Solid	Total Alkanes	*	230.000	29	210	ug/Kg
Total Tics :					690.00			
Total Concentration:					690.00			
Client ID : A43T9								
P2372-09	A43T9	Solid	(DEL) Alkane: Cyclic21.286	*	120.000	J		
P2372-09	A43T9	Solid	n-Hexadecanoic acid	*	160.000	J		
P2372-09	A43T9	Solid	Total Alkanes	*	120.000	30	210	ug/Kg
Total Tics :					400.00			
Total Concentration:					400.00			
Client ID : A43W0								
P2372-10	A43W0	Solid	(DEL) Alkane: Straight-Chain16.0	*	100.000	J		
P2372-10	A43W0	Solid	(DEL) Alkane: Straight-Chain21.2	*	140.000	J		
P2372-10	A43W0	Solid	2-Bromo dodecane	*	75.000	J		
P2372-10	A43W0	Solid	Aceto phenone	*	230.000	J		
P2372-10	A43W0	Solid	Bicyclo[3.1.0]hexane, 4-methylen	*	140.000	J		
P2372-10	A43W0	Solid	n-Hexadecanoic acid	*	220.000	J		
P2372-10	A43W0	Solid	Octadecanoic acid	*	78.000	J		
P2372-10	A43W0	Solid	unknown-01	*	95.000	J		
P2372-10	A43W0	Solid	Total Alkanes	*	240.000	26	190	ug/Kg
Total Tics :					1,318.00			
P2372-10	A43W0	Solid	Pentachlorophenol		95.000	J 81	360	ug/Kg
Total Svoc :					95.00			
Total Concentration:					1,413.00			
Client ID : A43W1								
P2372-11	A43W1	Solid	(DEL) Alkane: Straight-Chain21.2	*	160.000	J		
P2372-11	A43W1	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	92.000	J		
P2372-11	A43W1	Solid	n-Hexadecanoic acid	*	230.000	J		
P2372-11	A43W1	Solid	Total Alkanes	*	160.000	27	190	ug/Kg
Total Tics :					642.00			
Total Concentration:					642.00			

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SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A43W2								
P2372-12	A43W2	Solid	(DEL) Alkane: Straight-Chain21.2	*	220.000	J		
P2372-12	A43W2	Solid	n-Hexadecanoic acid	*	430.000	J		
P2372-12	A43W2	Solid	Octadecanoic acid	*	100.000	J		
P2372-12	A43W2	Solid	Supraene	*	130.000	J		
P2372-12	A43W2	Solid	unknown-01	*	87.000	J		
P2372-12	A43W2	Solid	Total Alkanes	*	220.000		30	210 ug/Kg
Total Tics :					1,187.00			
Total Concentration:					1,187.00			
Client ID : A43W3								
P2372-13	A43W3	Solid	(DEL) Alkane: Straight-Chain21.2	*	210.000	J		
P2372-13	A43W3	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2372-13	A43W3	Solid	n-Hexadecanoic acid	*	450.000	J		
P2372-13	A43W3	Solid	Octadecanoic acid	*	220.000	J		
P2372-13	A43W3	Solid	Propylene Glycol	*	110.000	J		
P2372-13	A43W3	Solid	Supraene	*	89.000	J		
P2372-13	A43W3	Solid	unknown-01	*	150.000	J		
P2372-13	A43W3	Solid	Total Alkanes	*	210.000		29	210 ug/Kg
Total Tics :					1,569.00			
Total Concentration:					1,569.00			
Client ID : A43W4								
P2372-14	A43W4	Solid	11H-Benzo[b]fluorene	*	100.000	J		
P2372-14	A43W4	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	130.000	J		
P2372-14	A43W4	Solid	1H-Indene, 2-phenyl-	*	190.000	J		
P2372-14	A43W4	Solid	4H-Cyclopenta[def]phenanthrene	*	500.000	J		
P2372-14	A43W4	Solid	9,10-Anthracenedione	*	310.000	J		
P2372-14	A43W4	Solid	9H-Fluoren-9-one	*	110.000	J		
P2372-14	A43W4	Solid	Acena phthene	*	230.000	J		
P2372-14	A43W4	Solid	Aceto phenone	*	360.000	J		
P2372-14	A43W4	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	130.000	J		
P2372-14	A43W4	Solid	Benzo[a]pyrene	*	180.000	J		
P2372-14	A43W4	Solid	Benzo[b]fluoranthene	*	1,300.000	J		
P2372-14	A43W4	Solid	Benzo[e]pyrene	*	730.000	J		
P2372-14	A43W4	Solid	Benzo[ghi]perylene	*	630.000	J		
P2372-14	A43W4	Solid	Benzo[k]fluoranthene	*	1,700.000	J		
P2372-14	A43W4	Solid	Carba zole	*	330.000	J		
P2372-14	A43W4	Solid	Cyclopenta(def)phenanthrenone	*	240.000	J		
P2372-14	A43W4	Solid	di-p-Tolylacetylene	*	140.000	J		
P2372-14	A43W4	Solid	Diben zofuran	*	150.000	J		

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SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2372-14	A43W4	Solid	Dibenzothiophene	*	150.000	J		
P2372-14	A43W4	Solid	Fluo rene	*	240.000	J		
P2372-14	A43W4	Solid	Fluoran thene	*	3,800.000	J		
P2372-14	A43W4	Solid	Myristyl myristate	*	200.000	J		
P2372-14	A43W4	Solid	Naph thalene	*	110.000	J		
P2372-14	A43W4	Solid	Naphthalene, 2-phenyl-	*	280.000	J		
P2372-14	A43W4	Solid	Naphthalic anhydride	*	120.000	J		
P2372-14	A43W4	Solid	Phenanthrene, 1-methyl-	*	270.000	J		
P2372-14	A43W4	Solid	Phenanthrene, 2-methyl-	*	650.000	J		
P2372-14	A43W4	Solid	Pyrene, 1-methyl-	*	94.000	J		
P2372-14	A43W4	Solid	Pyrene, 2-methyl-	*	90.000	J		
P2372-14	A43W4	Solid	Triphenylene	*	88.000	J		
P2372-14	A43W4	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :					13,552.00			
Total Concentration:					13,552.00			

Client ID : A43W5

P2372-15	A43W5	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2372-15	A43W5	Solid	4H-Cyclopenta[def]phenanthrene	*	580.000	J		
P2372-15	A43W5	Solid	5H-Indeno[1,2-b]pyridine	*	400.000	J		
P2372-15	A43W5	Solid	9,10-Anthracenedione	*	330.000	J		
P2372-15	A43W5	Solid	9,10-Dimethylanthracene	*	170.000	J		
P2372-15	A43W5	Solid	9H-Fluoren-9-ol	*	140.000	J		
P2372-15	A43W5	Solid	9H-Fluoren-9-one	*	160.000	J		
P2372-15	A43W5	Solid	Acena phthene	*	310.000	J		
P2372-15	A43W5	Solid	Aceto phenone	*	470.000	J		
P2372-15	A43W5	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	180.000	J		
P2372-15	A43W5	Solid	Anthracene, 1-methyl-	*	170.000	J		
P2372-15	A43W5	Solid	Benzo[a]pyrene	*	1,700.000	J		
P2372-15	A43W5	Solid	Benzo[b]fluoranthene	*	310.000	J		
P2372-15	A43W5	Solid	Benzo[e]pyrene	*	790.000	J		
P2372-15	A43W5	Solid	Benzo[ghi]perylene	*	370.000	J		
P2372-15	A43W5	Solid	Benzo[k]fluoranthene	*	2,200.000	J		
P2372-15	A43W5	Solid	Cyclopenta(def)phenanthrenone	*	270.000	J		
P2372-15	A43W5	Solid	Diben zofuran	*	200.000	J		
P2372-15	A43W5	Solid	Dibenzofuran, 4-methyl-	*	120.000	J		
P2372-15	A43W5	Solid	Fluo rene	*	320.000	J		
P2372-15	A43W5	Solid	Fluoran thene	*	4,400.000	J		
P2372-15	A43W5	Solid	Indeno[1,2,3-cd]pyrene	*	440.000	J		
P2372-15	A43W5	Solid	Naphthalene, 2-phenyl-	*	270.000	J		
P2372-15	A43W5	Solid	Naphtho[1,2-b]thiophene	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2372-15	A43W5	Solid	Phenanthrene, 1-methyl-	*	350.000	J		
P2372-15	A43W5	Solid	Phenanthrene, 2,3-dimethyl-	*	110.000	J		
P2372-15	A43W5	Solid	Phenanthrene, 2-methyl-	*	730.000	J		
P2372-15	A43W5	Solid	Phenanthrene, 4-methyl-	*	240.000	J		
P2372-15	A43W5	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2372-15	A43W5	Solid	unknown-01	*	130.000	J		
P2372-15	A43W5	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					16,310.00			
Total Concentration:					16,310.00			
Client ID : A43W6								
P2372-16	A43W6	Solid	Fluoranthene	*	210.000	J		
P2372-16	A43W6	Solid	n-Hexadecanoic acid	*	150.000	J		
P2372-16	A43W6	Solid	Pentadecafluorooctanoic acid, octa	*	110.000	J		
P2372-16	A43W6	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :					470.00			
Total Concentration:					470.00			
Client ID : A43W7								
P2372-17	A43W7	Solid	(DEL) Alkane: Straight-Chain 21.2	*	150.000	J		
P2372-17	A43W7	Solid	n-Hexadecanoic acid	*	170.000	J		
P2372-17	A43W7	Solid	Total Alkanes	*	150.000	30	210	ug/Kg
Total Tics :					470.00			
Total Concentration:					470.00			
Client ID : A43W8								
P2372-18	A43W8	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	95.000	J		
P2372-18	A43W8	Solid	n-Hexadecanoic acid	*	200.000	J		
P2372-18	A43W8	Solid	Pentadecafluorooctanoic acid, octa	*	190.000	J		
P2372-18	A43W8	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :					485.00			
Total Concentration:					485.00			
Client ID : A43W9								
P2372-19	A43W9	Solid	1-Phenoxypropan-2-ol	*	91.000	J		
P2372-19	A43W9	Solid	n-Hexadecanoic acid	*	190.000	J		
P2372-19	A43W9	Solid	Propylene Glycol	*	140.000	J		
P2372-19	A43W9	Solid	Trichloroacetic acid, pentadecyl e	*	130.000	J		
P2372-19	A43W9	Solid	unknown-01	*	99.000	J		
P2372-19	A43W9	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :					650.00			
Total Concentration:					650.00			

Hit Summary Sheet SW-846

SDG No.: BP051424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A43X0								
P2372-20	A43X0	Solid	(DEL) Alkane: Cyclic21.275	*	140.000	J		
P2372-20	A43X0	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	86.000	J		
P2372-20	A43X0	Solid	Fluoran thene	*	140.000	J		
P2372-20	A43X0	Solid	n-Hexadecanoic acid	*	190.000	J		
P2372-20	A43X0	Solid	Total Alkanes	*	140.000	29	210	ug/Kg
Total Tics :					696.00			
Total Concentration:					696.00			
Client ID : SVOC-GPC2-BLANK								
P2448-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	72	510	ug/Kg
Total Tics :					0.00			
Total Concentration:					0.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124
Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____
Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.592	0.509	0.519	0.500		0.537	7.5
Benzaldehyde		1.020	0.892	1.047	0.806	0.552	0.863	23.1
Pyridine		1.324	1.326	1.428	1.436	1.445	1.392	4.4
Hexachloroethane	0.556	0.603	0.575	0.601	0.597		0.586	3.5
Nitrobenzene	0.395	0.420	0.438	0.453	0.443		0.430	5.4
Isophorone	0.788	0.822	0.843	0.832	0.848		0.827	2.9
2-Nitrophenol	0.152	0.170	0.180	0.190	0.195		0.178	9.7
2,4-Dimethylphenol	0.376	0.373	0.395	0.395	0.398		0.388	3.1
Bis(2-Chloroethoxy)methane	0.435	0.463	0.462	0.467	0.466		0.458	2.9
2,4-Dichlorophenol	0.266	0.298	0.312	0.319	0.327		0.304	7.9
Naphthalene	1.015	1.017	1.031	1.048	1.043		1.031	1.4
4-Chloroaniline		0.418	0.434	0.421	0.438	0.431	0.428	2.0
Hexachlorobutadiene	0.237	0.235	0.231	0.241	0.239		0.236	1.7
Phenol		1.658	1.688	1.789	1.847	1.882	1.773	5.5
Caprolactam		0.103	0.116	0.101	0.113	0.099	0.106	7.2
4-Chloro-3-methylphenol	0.338	0.375	0.396	0.385	0.401		0.379	6.6
1-Methylnaphthalene	0.713	0.719	0.732	0.718	0.727		0.722	1.0
2-Methylnaphthalene	0.702	0.722	0.715	0.718	0.729		0.717	1.4
Hexachlorocyclopentadiene		0.244	0.277	0.364	0.386	0.425	0.339	22.4
2,4,6-Trichlorophenol	0.360	0.364	0.393	0.421	0.418		0.391	7.4
2,4,5-Trichlorophenol	0.395	0.408	0.424	0.426	0.452		0.421	5.1
1,1-Biphenyl	1.391	1.386	1.401	1.468	1.427		1.415	2.4
2-Chloronaphthalene	1.099	1.096	1.106	1.160	1.152		1.122	2.7
2-Nitroaniline	0.293	0.354	0.398	0.403	0.413		0.372	13.4
Bis(2-Chloroethyl)ether		1.349	1.349	1.417	1.411	1.409	1.387	2.5
Dimethylphthalate	1.387	1.492	1.526	1.443	1.528		1.475	4.1
2,6-Dinitrotoluene	0.251	0.280	0.308	0.303	0.325		0.293	9.8
Acenaphthylene	1.747	1.800	1.817	1.868	1.842		1.815	2.5
3-Nitroaniline		0.254	0.277	0.277	0.287	0.273	0.274	4.5
Acenaphthene	1.203	1.202	1.212	1.239	1.242		1.220	1.6
2,4-Dinitrophenol		0.128	0.165	0.171	0.216	0.220	0.180	21.3
4-Nitrophenol		0.155	0.251	0.233	0.268	0.262	0.234	19.6
Dibenzofuran	1.631	1.647	1.696	1.667	1.744		1.677	2.7
2,4-Dinitrotoluene	0.344	0.407	0.458	0.419	0.480		0.422	12.4
Diethylphthalate	1.374	1.450	1.549	1.417	1.573		1.473	5.8
2-Chlorophenol	1.239	1.243	1.249	1.324	1.354		1.282	4.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:	RRFAL1 = BP020132.D			RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
	RRFAL4 = BP020135.D			RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.333	1.388	1.415	1.379	1.453		1.394	3.2
4-Chlorophenyl-phenylether	0.705	0.733	0.750	0.730	0.778		0.739	3.7
4-Nitroaniline		0.217	0.252	0.231	0.238	0.202	0.228	8.5
4,6-Dinitro-2-methylphenol		0.114	0.128	0.133	0.143	0.144	0.132	9.4
N-Nitrosodiphenylamine	0.544	0.557	0.539	0.586	0.557		0.557	3.3
1,2,4,5-Tetrachlorobenzene	0.601	0.602	0.602	0.666	0.648		0.624	5.0
4-Bromophenyl-phenylether	0.210	0.212	0.208	0.233	0.221		0.217	4.7
Hexachlorobenzene	0.246	0.246	0.245	0.261	0.256		0.251	2.9
Atrazine		0.199	0.195	0.199	0.203	0.192	0.197	2.2
Pentachlorophenol		0.126	0.152	0.150	0.163	0.168	0.152	10.9
2-Methylphenol		1.200	1.283	1.336	1.392	1.401	1.322	6.3
Phenanthrene	0.995	1.017	1.029	1.035	1.026		1.020	1.5
Pentachlorobenzene	0.304	0.288	0.280	0.323	0.292		0.297	5.7
Anthracene	0.996	1.022	1.050	1.052	1.069		1.038	2.8
1,2,3,4-Tetrachlorobenzene	0.295	0.287	0.274	0.340	0.290		0.297	8.4
Carbazole		0.873	0.948	0.887	0.911	0.852	0.894	4.2
Di-n-butylphthalate	0.962	1.024	1.171	1.054	1.207		1.084	9.5
Fluoranthene	1.238	1.440	1.245	1.453	1.503		1.376	9.1
Pyrene	1.321	1.480	1.303	1.506	1.547		1.432	7.8
Butylbenzylphthalate	0.477	0.511	0.531	0.549	0.649		0.543	11.9
3,3-Dichlorobenzidine		0.397	0.426	0.433	0.402	0.376	0.407	5.6
2,2-oxybis (1-Chloropropane)		1.726	1.735	1.761	1.746	1.685	1.730	1.7
Benzo (a) anthracene	1.303	1.330	1.360	1.387	1.403		1.357	3.0
Chrysene	1.218	1.227	1.264	1.289	1.288		1.257	2.6
Bis (2-ethylhexyl) phthalate	0.724	0.700	0.784	0.777	0.935		0.784	11.7
Di-n-octyl phthalate		1.111	1.219	1.121	1.628	1.325	1.281	16.6
Benzo (b) fluoranthene	1.088	1.170	1.190	1.207	1.294		1.190	6.2
Benzo (k) fluoranthene	1.167	1.194	1.208	1.188	1.305		1.212	4.4
Benzo (a) pyrene	1.064	1.107	1.129	1.178	1.181		1.132	4.4
Indeno (1,2,3-cd) pyrene	1.376	1.390	1.263	1.520	1.390		1.388	6.5
Dibenzo (a,h) anthracene	1.159	1.143	1.036	1.248	1.154		1.148	6.6
Benzo (g,h,i) perylene	1.129	1.112	0.997	1.242	1.115		1.119	7.7
Acetophenone		2.240	2.250	2.317	2.369	2.347	2.305	2.5
2,3,4,6-Tetrachlorophenol	0.339	0.367	0.396	0.379	0.409		0.378	7.2
1,4-Dioxane-d8	0.484	0.485	0.462	0.471	0.466		0.474	2.3
Pyridine-d5		1.313	1.264	1.411	1.442	1.450	1.376	6.1

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.: BP050124 SAS No.: BP050124 SDG No.: BP050124
Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____
Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D			RRFAL2 = BP020133.D		RRFAL3 = BP020134.D	
		RRFAL4 = BP020135.D			RRFAL5 = BP020136.D		RRFAL6 = BP020137.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.592	1.618	1.729	1.800	1.848	1.718	6.5
Bis-(2-Chloroethyl)ether-d8		1.017	1.022	1.069	1.063	1.046	1.043	2.2
2-Chlorophenol-d4	1.174	1.173	1.205	1.282	1.306		1.228	5.1
4-Methylphenol-d8		1.270	1.343	1.404	1.458	1.467	1.389	6.0
Nitrobenzene-d5	0.137	0.143	0.149	0.159	0.160		0.150	6.5
2-Nitrophenol-d4	0.151	0.164	0.172	0.183	0.187		0.172	8.5
2,4-Dichlorophenol-d3	0.271	0.306	0.319	0.331	0.338		0.313	8.5
4-Chloroaniline-d4		0.427	0.443	0.438	0.450	0.433	0.438	2.0
4-Methylphenol		1.355	1.394	1.449	1.490	1.499	1.437	4.3
Dimethylphthalate-d6	1.416	1.434	1.490	1.437	1.526		1.461	3.1
Acenaphthylene-d8	1.538	1.572	1.613	1.664	1.680		1.613	3.7
4-Nitrophenol-d4		0.165	0.234	0.214	0.257	0.252	0.224	16.6
Fluorene-d10	1.183	1.210	1.240	1.187	1.270		1.218	3.0
4,6-Dinitro-2-methylphenol-		0.105	0.124	0.128	0.137	0.141	0.127	11.0
Anthracene-d10	0.810	0.854	0.874	0.888	0.900		0.865	4.1
Pyrene-d10	1.056	1.215	1.073	1.233	1.268		1.169	8.3
Benzo(a)pyrene-d12	0.907	0.942	0.969	0.987	1.030		0.967	4.8
N-Nitroso-di-n-propylamine	1.206	1.232	1.245	1.274	1.297		1.251	2.8

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020632 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 16:10

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	94559	7.628	394839	10.41	280550	14.30
	UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
	LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
	EPA SAMPLE NO.						
01	SBLK788	67523	7.58	257836	10.36	177334	14.28
02	SVOC-GPC2-BLANK	64128	7.59	238520	10.36	181858	14.28
03	A43R1	80390	7.59	314912	10.36	226557	14.26
04	A43R1MS	73276	7.59	312039	10.36	230169	14.27
05	A43R1MSD	78269	7.59	324577	10.36	233835	14.26
06	A43T4	84836	7.59	356700	10.36	257777	14.26
07	A43T5	78932	7.59	311294	10.36	232238	14.27
08	A43T6	74520	7.59	302173	10.36	216050	14.26
09	A43T7	59510	7.59	225975	10.36	157515	14.27
10	A43T8	49430	7.59	206851	10.36	156419	14.26
11	A43T9	70597	7.59	284744	10.36	200108	14.27
12	A43W2	62354	7.59	266549	10.36	195886	14.28
13	SBLK788	84456	7.59	341781	10.36	234566	14.27
14	A43W0	62881	7.59	267648	10.37	200994	14.26
15	A43W4	81125	7.59	337347	10.36	233733	14.27
16	A43W5	78036	7.59	338575	10.36	249668	14.27
17	A43W6	77101	7.59	312096	10.36	231661	14.27
18	A43W1	94397	7.59	381870	10.36	255359	14.26
19	A43W3	69970	7.59	298014	10.36	219862	14.26
20	A43W8	73729	7.59	305853	10.36	225408	14.28
21	A43W7	65749	7.59	264042	10.36	193304	14.28
22	A43W9	74502	7.59	295210	10.36	207519	14.28
23	A43X0	59707	7.59	249130	10.36	186544	14.28



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020632 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 08:56

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	94559	7.628	394839	10.41	280550	14.30
UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
EPA SAMPLE NO.						

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020799 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BP020368.D Time Analyzed: 16:10

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	70827	7.593	289445	10.36	200602	14.27
UPPER LIMIT	141654	8.093	578890	10.863	401204	14.769
LOWER LIMIT	35413.5	7.093	144722.5	9.863	100301	13.769
EPA SAMPLE NO.						
01 SBLK788	67523	7.58	257836	10.36	177334	14.28
02 SVOC-GPC2-BLANK	64128	7.59	238520	10.36	181858	14.28
03 A43R1	80390	7.59	314912	10.36	226557	14.26
04 A43R1MS	73276	7.59	312039	10.36	230169	14.27
05 A43R1MSD	78269	7.59	324577	10.36	233835	14.26
06 A43T4	84836	7.59	356700	10.36	257777	14.26
07 A43T5	78932	7.59	311294	10.36	232238	14.27
08 A43T6	74520	7.59	302173	10.36	216050	14.26
09 A43T7	59510	7.59	225975	10.36	157515	14.27
10 A43T8	49430	7.59	206851	10.36	156419	14.26
11 A43T9	70597	7.59	284744	10.36	200108	14.27
12 A43W2	62354	7.59	266549	10.36	195886	14.28

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020651 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BP020381.D Time Analyzed: 01:41

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	124809	7.587	537860	10.36	406936	14.26
UPPER LIMIT	249618	8.087	1075720	10.857	813872	14.763
LOWER LIMIT	62404.5	7.087	268930	9.857	203468	13.763
EPA SAMPLE NO.						
01 SBLK788	84456	7.59	341781	10.36	234566	14.27
02 A43W0	62881	7.59	267648 *	10.37	200994 *	14.26
03 A43W4	81125	7.59	337347	10.36	233733	14.27
04 A43W5	78036	7.59	338575	10.36	249668	14.27
05 A43W6	77101	7.59	312096	10.36	231661	14.27
06 A43W1	94397	7.59	381870	10.36	255359	14.26
07 A43W3	69970	7.59	298014	10.36	219862	14.26
08 A43W8	73729	7.59	305853	10.36	225408	14.28
09 A43W7	65749	7.59	264042 *	10.36	193304 *	14.28
10 A43W9	74502	7.59	295210	10.36	207519	14.28
11 A43X0	59707 *	7.59	249130 *	10.36	186544 *	14.28

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020632 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 16:10

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	630053	17.139	637602	21.639	700054	25.016
	UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
	LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
	EPA SAMPLE NO.						
01	SBLK788	413897	17.12	449132	21.62	512748	24.96
02	SVOC-GPC2-BLANK	440607	17.12	467466	21.61	531715	24.96
03	A43R1	538159	17.11	545272	21.60	618205	24.95
04	A43R1MS	517640	17.12	515812	21.60	582338	24.96
05	A43R1MSD	521414	17.10	536968	21.60	584186	24.96
06	A43T4	613723	17.12	617601	21.60	674734	24.96
07	A43T5	563667	17.12	601864	21.60	688326	24.95
08	A43T6	520414	17.11	588242	21.61	678938	24.96
09	A43T7	344061	17.12	406686	21.60	508168	24.95
10	A43T8	383194	17.10	420207	21.60	488659	24.96
11	A43T9	456599	17.10	511976	21.60	579088	24.95
12	A43W2	483505	17.11	483542	21.60	554232	24.94
13	SBLK788	545109	17.11	601775	21.60	685995	24.95
14	A43W0	484491	17.10	505901	21.60	585240	24.95
15	A43W4	530773	17.12	544206	21.60	628427	24.95
16	A43W5	569260	17.11	534353	21.60	615566	24.95
17	A43W6	523897	17.10	526418	21.60	586506	24.96
18	A43W1	561380	17.10	551797	21.61	619559	24.96
19	A43W3	510198	17.10	505769	21.60	561929	24.95
20	A43W8	518545	17.11	512764	21.60	577618	24.96
21	A43W7	452489	17.12	501118	21.60	558384	24.96

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020632 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 08:12

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	630053	17.139	637602	21.639	700054	25.016
UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
EPA SAMPLE NO.						
22 A43W9	476297	17.12	533034	21.61	616247	24.96
23 A43X0	434486	17.11	448016	21.60	498685	24.95

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020799 Date Analyzed: May 14 2024 12:00AM

Lab File ID: BP020368.D Time Analyzed: 16:10

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	461970	17.11	542142	21.604	618630	24.951
	UPPER LIMIT	923940	17.61	1084284	22.104	1237260	25.451
	LOWER LIMIT	230985	16.61	271071	21.104	309315	24.451
	EPA SAMPLE NO.						
01	SBLK788	413897	17.12	449132	21.62	512748	24.96
02	SVOC-GPC2-BLANK	440607	17.12	467466	21.61	531715	24.96
03	A43R1	538159	17.11	545272	21.60	618205	24.95
04	A43R1MS	517640	17.12	515812	21.60	582338	24.96
05	A43R1MSD	521414	17.10	536968	21.60	584186	24.96
06	A43T4	613723	17.12	617601	21.60	674734	24.96
07	A43T5	563667	17.12	601864	21.60	688326	24.95
08	A43T6	520414	17.11	588242	21.61	678938	24.96
09	A43T7	344061	17.12	406686	21.60	508168	24.95
10	A43T8	383194	17.10	420207	21.60	488659	24.96
11	A43T9	456599	17.10	511976	21.60	579088	24.95
12	A43W2	483505	17.11	483542	21.60	554232	24.94

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.: BP051424 SAS No.: BP051424 SDG NO.: BP051424

EPA Sample No.: SSTD020651 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BP020381.D Time Analyzed: 01:41

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	952306	17.104	982120	21.598	1.10434e+01	24.957
UPPER LIMIT	1904612	17.604	1964240	22.098	2208680	25.457
LOWER LIMIT	476153	16.604	491060	21.098	552170	24.457
EPA SAMPLE NO.						
01 SBLK788	545109	17.11	601775	21.60	685995	24.95
02 A43W0	484491	17.10	505901	21.60	585240	24.95
03 A43W4	530773	17.12	544206	21.60	628427	24.95
04 A43W5	569260	17.11	534353	21.60	615566	24.95
05 A43W6	523897	17.10	526418	21.60	586506	24.96
06 A43W1	561380	17.10	551797	21.61	619559	24.96
07 A43W3	510198	17.10	505769	21.60	561929	24.95
08 A43W8	518545	17.11	512764	21.60	577618	24.96
09 A43W7	452489 *	17.12	501118	21.60	558384	24.96
10 A43W9	476297	17.12	533034	21.61	616247	24.96
11 A43X0	434486 *	17.11	448016 *	21.60	498685 *	24.95

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK788

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051424

SAS No.: BP051424 SDG NO.: BP051424

Lab File ID: BP020382.D

Lab Sample ID: PB160788BL

Instrument ID: BNA_P

Date Extracted: 05/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/15/2024

Level: (low/med) LOW

Time Analyzed: 01:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A43W0	P2372-10	BP020383.D	05/15/2024
A43W4	P2372-14	BP020384.D	05/15/2024
A43W5	P2372-15	BP020385.D	05/15/2024
A43W6	P2372-16	BP020386.D	05/15/2024
A43W1	P2372-11	BP020387.D	05/15/2024
A43W3	P2372-13	BP020388.D	05/15/2024
A43W8	P2372-18	BP020389.D	05/15/2024
A43W7	P2372-17	BP020390.D	05/15/2024
A43W9	P2372-19	BP020391.D	05/15/2024
A43X0	P2372-20	BP020392.D	05/15/2024
A43R1	P2372-01	BP020371.D	05/14/2024
A43R1MS	P2372-02MS	BP020372.D	05/14/2024
A43R1MSD	P2372-03MSD	BP020373.D	05/14/2024
A43T4	P2372-04	BP020374.D	05/14/2024
A43T5	P2372-05	BP020375.D	05/14/2024
A43T6	P2372-06	BP020376.D	05/14/2024
A43T7	P2372-07	BP020377.D	05/14/2024
A43T8	P2372-08	BP020378.D	05/14/2024
A43T9	P2372-09	BP020379.D	05/14/2024
A43W2	P2372-12	BP020380.D	05/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051424

SAS No.: BP051424 SDG NO.: BP051424

Lab File ID: BP020370.D

Lab Sample ID: P2448-10

Instrument ID: BNA_P

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/14/2024

Level: (low/med) LOW

Time Analyzed: 16:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2448-10	BP020370.D	05/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2372-02MS	Client Sample ID:	A43R1MS				DataFile:	BP020372.D			
1,4-Dioxane	670		590	ug/Kg	88				15	120	
Benzaldehyde	1700		1900	ug/Kg	112				0	0	
Pyridine	1700		1500	ug/Kg	88				0	0	
Phenol	1700		1600	ug/Kg	94	*			26	90	
Bis(2-chloroethyl)ether	1700		1500	ug/Kg	88				0	0	
2-Chlorophenol	1700		1600	ug/Kg	94				25	102	
2-Methylphenol	1700		1600	ug/Kg	94				0	0	
2,2-oxybis(1-Chloropropane)	1700		1400	ug/Kg	82				0	0	
Acetophenone	1700		1600	ug/Kg	94				0	0	
4-Methylphenol	1700		1600	ug/Kg	94				0	0	
N-Nitroso-di-n-propylamine	1700		1500	ug/Kg	88				41	126	
Hexachloroethane	1700		1500	ug/Kg	88				0	0	
Nitrobenzene	1700		1500	ug/Kg	88				0	0	
Isophorone	1700		1500	ug/Kg	88				0	0	
2-Nitrophenol	1700		1700	ug/Kg	100				0	0	
2,4-Dimethylphenol	1700		1600	ug/Kg	94				0	0	
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88				0	0	
2,4-Dichlorophenol	1700		1800	ug/Kg	106				0	0	
Naphthalene	1700		1600	ug/Kg	94				0	0	
4-Chloroaniline	1700		1400	ug/Kg	82				0	0	
Hexachlorobutadiene	1700		1600	ug/Kg	94				0	0	
Caprolactam	1700		1800	ug/Kg	106				0	0	
4-Chloro-3-methylphenol	1700		1700	ug/Kg	100				26	103	
1-Methylnaphthalene	1700		1700	ug/Kg	100				0	0	
2-Methylnaphthalene	1700		1700	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1700		1100	ug/Kg	65				0	0	
2,4,6-Trichlorophenol	1700		1700	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100				0	0	
1,1'-Biphenyl	1700		1600	ug/Kg	94				0	0	
2-Chloronaphthalene	1700		1600	ug/Kg	94				0	0	
2-Nitroaniline	1700		1700	ug/Kg	100				0	0	
Dimethylphthalate	1700		1600	ug/Kg	94				0	0	
2,6-Dinitrotoluene	1700		1700	ug/Kg	100				0	0	
Acenaphthylene	1700		1600	ug/Kg	94				0	0	
3-Nitroaniline	1700		1600	ug/Kg	94				0	0	
Acenaphthene	1700		1600	ug/Kg	94				31	137	
2,4-Dinitrophenol	1700		1600	ug/Kg	94				0	0	
4-Nitrophenol	1700		1900	ug/Kg	112				11	114	
Dibenzofuran	1700		1600	ug/Kg	94				0	0	
2,4-Dinitrotoluene	1700		1800	ug/Kg	106	*			28	89	
Diethylphthalate	1700		1700	ug/Kg	100				0	0	
Fluorene	1700		1700	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	1700		1700	ug/Kg	100				0	0	
4-Nitroaniline	1700		1900	ug/Kg	112				0	0	
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100				0	0	
N-Nitrosodiphenylamine	1700		1600	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051424

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		1700	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	1700		1700	ug/Kg	100				0	0	
Hexachlorobenzene	1700		1700	ug/Kg	100				0	0	
Atrazine	1700		1800	ug/Kg	106				0	0	
Pentachlorophenol	1700		1700	ug/Kg	100				17	109	
Phenanthrene	1700		1600	ug/Kg	94				0	0	
Pentachlorobenzene	1700		1600	ug/Kg	94				0	0	
Anthracene	1700		1600	ug/Kg	94				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1500	ug/Kg	88				0	0	
Carbazole	1700		1600	ug/Kg	94				0	0	
Di-n-butylphthalate	1700		1800	ug/Kg	106				0	0	
Fluoranthene	1700		1500	ug/Kg	88				0	0	
Pyrene	1700		1500	ug/Kg	88				35	142	
Butylbenzylphthalate	1700		1600	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1700		1500	ug/Kg	88				0	0	
Benzo(a)anthracene	1700		1600	ug/Kg	94				0	0	
Chrysene	1700		1700	ug/Kg	100				0	0	
Bis(2-ethylhexyl)phthalate	1700		1600	ug/Kg	94				0	0	
Di-n-octylphthalate	1700		1500	ug/Kg	88				0	0	
Benzo(b)fluoranthene	1700		1700	ug/Kg	100				0	0	
Benzo(k)fluoranthene	1700		1600	ug/Kg	94				0	0	
Benzo(a)pyrene	1700		1500	ug/Kg	88				0	0	
Indeno(1,2,3-cd)pyrene	1700		1700	ug/Kg	100				0	0	
Dibenzo(a,h)anthracene	1700		1600	ug/Kg	94				0	0	
Benzo(g,h,i)perylene	1700		1600	ug/Kg	94				0	0	
2,3,4,6-Tetrachlorophenol	1700		1800	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2372-03MSD	Client Sample ID:	A43R1MSD				DataFile:	BP020373.D			
1,4-Dioxane	670		580	ug/Kg	87	1			15	120	50
Benzaldehyde	1700		1900	ug/Kg	112	0			0	0	0
Pyridine	1700		1500	ug/Kg	88	0			0	0	0
Phenol	1700		1500	ug/Kg	88	7			26	90	35
Bis(2-chloroethyl)ether	1700		1400	ug/Kg	82	7	*		0	0	0
2-Chlorophenol	1700		1600	ug/Kg	94	0			25	102	50
2-Methylphenol	1700		1600	ug/Kg	94	0			0	0	0
2,2-oxybis(1-Chloropropane)	1700		1400	ug/Kg	82	0			0	0	0
Acetophenone	1700		1500	ug/Kg	88	7	*		0	0	0
4-Methylphenol	1700		1600	ug/Kg	94	0			0	0	0
N-Nitroso-di-n-propylamine	1700		1500	ug/Kg	88	0			41	126	38
Hexachloroethane	1700		1500	ug/Kg	88	0			0	0	0
Nitrobenzene	1700		1500	ug/Kg	88	0			0	0	0
Isophorone	1700		1500	ug/Kg	88	0			0	0	0
2-Nitrophenol	1700		1700	ug/Kg	100	0			0	0	0
2,4-Dimethylphenol	1700		1600	ug/Kg	94	0			0	0	0
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88	0			0	0	0
2,4-Dichlorophenol	1700		1800	ug/Kg	106	0			0	0	0
Naphthalene	1700		1600	ug/Kg	94	0			0	0	0
4-Chloroaniline	1700		1400	ug/Kg	82	0			0	0	0
Hexachlorobutadiene	1700		1600	ug/Kg	94	0			0	0	0
Caprolactam	1700		1800	ug/Kg	106	0			0	0	0
4-Chloro-3-methylphenol	1700		1700	ug/Kg	100	0			26	103	33
1-Methylnaphthalene	1700		1700	ug/Kg	100	0			0	0	0
2-Methylnaphthalene	1700		1700	ug/Kg	100	0			0	0	0
Hexachlorocyclopentadiene	1700		1100	ug/Kg	65	0			0	0	0
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106	6	*		0	0	0
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100	0			0	0	0
1,1'-Biphenyl	1700		1600	ug/Kg	94	0			0	0	0
2-Chloronaphthalene	1700		1600	ug/Kg	94	0			0	0	0
2-Nitroaniline	1700		1700	ug/Kg	100	0			0	0	0
Dimethylphthalate	1700		1700	ug/Kg	100	6	*		0	0	0
2,6-Dinitrotoluene	1700		1800	ug/Kg	106	6	*		0	0	0
Acenaphthylene	1700		1600	ug/Kg	94	0			0	0	0
3-Nitroaniline	1700		1700	ug/Kg	100	6	*		0	0	0
Acenaphthene	1700		1600	ug/Kg	94	0			31	137	19
2,4-Dinitrophenol	1700		1600	ug/Kg	94	0			0	0	0
4-Nitrophenol	1700		1500	ug/Kg	88	24			11	114	50
Dibenzofuran	1700		1700	ug/Kg	100	6	*		0	0	0
2,4-Dinitrotoluene	1700		1800	ug/Kg	106	*	0		28	89	47
Diethylphthalate	1700		1700	ug/Kg	100	0			0	0	0
Fluorene	1700		1700	ug/Kg	100	0			0	0	0
4-Chlorophenyl-phenylether	1700		1700	ug/Kg	100	0			0	0	0
4-Nitroaniline	1700		1900	ug/Kg	112	0			0	0	0
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100	0			0	0	0
N-Nitrosodiphenylamine	1700		1600	ug/Kg	94	0			0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP051424

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		1700	ug/Kg	100		0		0	0	0
4-Bromophenyl-phenylether	1700		1700	ug/Kg	100		0		0	0	0
Hexachlorobenzene	1700		1700	ug/Kg	100		0		0	0	0
Atrazine	1700		1800	ug/Kg	106		0		0	0	0
Pentachlorophenol	1700		1700	ug/Kg	100		0		17	109	47
Phenanthrene	1700		1700	ug/Kg	100		6	*	0	0	0
Pentachlorobenzene	1700		1600	ug/Kg	94		0		0	0	0
Anthracene	1700		1600	ug/Kg	94		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1500	ug/Kg	88		0		0	0	0
Carbazole	1700		1700	ug/Kg	100		6	*	0	0	0
Di-n-butylphthalate	1700		1800	ug/Kg	106		0		0	0	0
Fluoranthene	1700		1500	ug/Kg	88		0		0	0	0
Pyrene	1700		1500	ug/Kg	88		0		35	142	36
Butylbenzylphthalate	1700		1600	ug/Kg	94		0		0	0	0
3,3'-Dichlorobenzidine	1700		1500	ug/Kg	88		0		0	0	0
Benzo(a)anthracene	1700		1600	ug/Kg	94		0		0	0	0
Chrysene	1700		1600	ug/Kg	94		6	*	0	0	0
Bis(2-ethylhexyl)phthalate	1700		1600	ug/Kg	94		0		0	0	0
Di-n-octylphthalate	1700		1600	ug/Kg	94		7	*	0	0	0
Benzo(b)fluoranthene	1700		1600	ug/Kg	94		6	*	0	0	0
Benzo(k)fluoranthene	1700		1600	ug/Kg	94		0		0	0	0
Benzo(a)pyrene	1700		1500	ug/Kg	88		0		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1700	ug/Kg	100		0		0	0	0
Dibenzo(a,h)anthracene	1700		1600	ug/Kg	94		0		0	0	0
Benzo(g,h,i)perylene	1700		1600	ug/Kg	94		0		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1800	ug/Kg	106		0		0	0	0

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-01	A43R1	BP020371.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	18.15	45		20	120
			Phenol-d5	40	18.68	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.35	51		10	150
			2-Chlorophenol-d4	40	21.89	55		15	120
			4-Methylphenol-d8	40	17.23	43		10	140
			Nitrobenzene-d5	40	23.07	58		10	135
			2-Nitrophenol-d4	40	23.37	58		10	120
			2,4-Dichlorophenol-d3	40	21.67	54		10	140
			4-Chloroaniline-d4	40	20.64	52		1	145
			Dimethylphthalate-d6	40	26.62	67		10	145
			Acenaphthylene-d8	40	24.40	61		15	120
			4-Nitrophenol-d4	40	16.46	41		10	150
			Fluorene-d10	40	26.85	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.88	37		10	130
			Anthracene-d10	40	26.24	66		10	150
			Pyrene-d10	40	24.09	60		10	130
			Benzo(a)pyrene-d12	40	25.80	65		10	140
P2372-02MS	A43R1MS	BP020372.D	1,4-Dioxane-d8	8	6.16	77		15	120
			Pyridine-d5	40	29.92	75		20	120
			Phenol-d5	40	32.14	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.72	82		10	150
			2-Chlorophenol-d4	40	36.28	91		15	120
			4-Methylphenol-d8	40	30.76	77		10	140
			Nitrobenzene-d5	40	36.10	90		10	135
			2-Nitrophenol-d4	40	36.37	91		10	120
			2,4-Dichlorophenol-d3	40	37.80	94		10	140
			4-Chloroaniline-d4	40	32.14	80		1	145
			Dimethylphthalate-d6	40	36.79	92		10	145
			Acenaphthylene-d8	40	36.16	90		15	120
			4-Nitrophenol-d4	40	26.20	66		10	150
			Fluorene-d10	40	36.31	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.78	72		10	130
			Anthracene-d10	40	37.00	93		10	150
			Pyrene-d10	40	34.86	87		10	130
			Benzo(a)pyrene-d12	40	37.08	93		10	140
P2372-03MSD	A43R1MSD	BP020373.D	1,4-Dioxane-d8	8	5.86	73		15	120
			Pyridine-d5	40	28.86	72		20	120
			Phenol-d5	40	31.77	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.99	80		10	150
			2-Chlorophenol-d4	40	36.04	90		15	120
			4-Methylphenol-d8	40	30.18	75		10	140
			Nitrobenzene-d5	40	36.00	90		10	135
			2-Nitrophenol-d4	40	37.69	94		10	120
			2,4-Dichlorophenol-d3	40	37.89	95		10	140
			4-Chloroaniline-d4	40	32.70	82		1	145
			Dimethylphthalate-d6	40	37.74	94		10	145
			Acenaphthylene-d8	40	36.72	92		15	120
			4-Nitrophenol-d4	40	27.23	68		10	150

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-03MSD	A43R1MSD	BP020373.D	Fluorene-d10	40	37.66	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.00	72		10	130
			Anthracene-d10	40	37.87	95		10	150
			Pyrene-d10	40	32.82	82		10	130
			Benzo(a)pyrene-d12	40	37.29	93		10	140
P2372-04	A43T4	BP020374.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Pyridine-d5	40	15.89	40		20	120
			Phenol-d5	40	17.70	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.85	47		10	150
			2-Chlorophenol-d4	40	20.65	52		15	120
			4-Methylphenol-d8	40	18.50	46		10	140
			Nitrobenzene-d5	40	20.25	51		10	135
			2-Nitrophenol-d4	40	20.61	52		10	120
			2,4-Dichlorophenol-d3	40	19.24	48		10	140
			4-Chloroaniline-d4	40	17.75	44		1	145
			Dimethylphthalate-d6	40	23.27	58		10	145
			Acenaphthylene-d8	40	21.54	54		15	120
			4-Nitrophenol-d4	40	18.23	46		10	150
			Fluorene-d10	40	22.79	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.45	41		10	130
			Anthracene-d10	40	21.51	54		10	150
			Pyrene-d10	40	20.58	51		10	130
			Benzo(a)pyrene-d12	40	22.60	56		10	140
P2372-05	A43T5	BP020375.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Pyridine-d5	40	18.77	47		20	120
			Phenol-d5	40	19.72	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.56	51		10	150
			2-Chlorophenol-d4	40	22.24	56		15	120
			4-Methylphenol-d8	40	20.32	51		10	140
			Nitrobenzene-d5	40	23.67	59		10	135
			2-Nitrophenol-d4	40	23.05	58		10	120
			2,4-Dichlorophenol-d3	40	21.83	55		10	140
			4-Chloroaniline-d4	40	20.95	52		1	145
			Dimethylphthalate-d6	40	25.34	63		10	145
			Acenaphthylene-d8	40	23.32	58		15	120
			4-Nitrophenol-d4	40	21.40	54		10	150
			Fluorene-d10	40	25.68	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.51	44		10	130
			Anthracene-d10	40	25.64	64		10	150
			Pyrene-d10	40	23.05	58		10	130
			Benzo(a)pyrene-d12	40	25.16	63		10	140
P2372-06	A43T6	BP020376.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	19.56	49		20	120
			Phenol-d5	40	22.65	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.58	59		10	150
			2-Chlorophenol-d4	40	24.93	62		15	120
			4-Methylphenol-d8	40	22.25	56		10	140
			Nitrobenzene-d5	40	26.00	65		10	135
			2-Nitrophenol-d4	40	26.24	66		10	120

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-06	A43T6	BP020376.D	2,4-Dichlorophenol-d3	40	24.23	61		10	140
			4-Chloroaniline-d4	40	22.29	56		1	145
			Dimethylphthalate-d6	40	29.54	74		10	145
			Acenaphthylene-d8	40	27.80	69		15	120
			4-Nitrophenol-d4	40	27.77	69		10	150
			Fluorene-d10	40	30.16	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
			Anthracene-d10	40	29.92	75		10	150
			Pyrene-d10	40	26.52	66		10	130
			Benzo(a)pyrene-d12	40	30.47	76		10	140
P2372-07	A43T7	BP020377.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Pyridine-d5	40	17.20	43		20	120
			Phenol-d5	40	20.30	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.68	52		10	150
			2-Chlorophenol-d4	40	23.16	58		15	120
			4-Methylphenol-d8	40	19.58	49		10	140
			Nitrobenzene-d5	40	23.70	59		10	135
			2-Nitrophenol-d4	40	23.70	59		10	120
			2,4-Dichlorophenol-d3	40	22.46	56		10	140
			4-Chloroaniline-d4	40	21.79	54		1	145
			Dimethylphthalate-d6	40	26.25	66		10	145
			Acenaphthylene-d8	40	24.81	62		15	120
			4-Nitrophenol-d4	40	20.80	52		10	150
			Fluorene-d10	40	26.70	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.79	47		10	130
			Anthracene-d10	40	27.69	69		10	150
			Pyrene-d10	40	22.80	57		10	130
			Benzo(a)pyrene-d12	40	26.79	67		10	140
P2372-08	A43T8	BP020378.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Pyridine-d5	40	16.33	41		20	120
			Phenol-d5	40	20.31	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.14	53		10	150
			2-Chlorophenol-d4	40	23.29	58		15	120
			4-Methylphenol-d8	40	19.49	49		10	140
			Nitrobenzene-d5	40	22.14	55		10	135
			2-Nitrophenol-d4	40	23.65	59		10	120
			2,4-Dichlorophenol-d3	40	21.87	55		10	140
			4-Chloroaniline-d4	40	21.29	53		1	145
			Dimethylphthalate-d6	40	29.37	73		10	145
			Acenaphthylene-d8	40	25.61	64		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	28.32	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.18	45		10	130
			Anthracene-d10	40	28.45	71		10	150
			Pyrene-d10	40	26.03	65		10	130
			Benzo(a)pyrene-d12	40	27.89	70		10	140
P2372-09	A43T9	BP020379.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	18.62	47		20	120
			Phenol-d5	40	20.12	50		10	130

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-09	A43T9	BP020379.D	Bis(2-Chloroethyl)ether-d8	40	22.79	57		10	150
			2-Chlorophenol-d4	40	24.30	61		15	120
			4-Methylphenol-d8	40	19.44	49		10	140
			Nitrobenzene-d5	40	24.45	61		10	135
			2-Nitrophenol-d4	40	24.59	61		10	120
			2,4-Dichlorophenol-d3	40	23.62	59		10	140
			4-Chloroaniline-d4	40	21.82	55		1	145
			Dimethylphthalate-d6	40	27.91	70		10	145
			Acenaphthylene-d8	40	25.90	65		15	120
			4-Nitrophenol-d4	40	21.02	53		10	150
			Fluorene-d10	40	27.83	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.80	49		10	130
			Anthracene-d10	40	28.08	70		10	150
			Pyrene-d10	40	24.79	62		10	130
			Benzo(a)pyrene-d12	40	27.60	69		10	140
P2372-10	A43W0	BP020383.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	6.89	17	*	20	120
			Phenol-d5	40	14.63	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.62	39		10	150
			2-Chlorophenol-d4	40	17.31	43		15	120
			4-Methylphenol-d8	40	5.56	14		10	140
			Nitrobenzene-d5	40	16.92	42		10	135
			2-Nitrophenol-d4	40	17.18	43		10	120
			2,4-Dichlorophenol-d3	40	16.61	42		10	140
			4-Chloroaniline-d4	40	9.11	23		1	145
			Dimethylphthalate-d6	40	20.71	52		10	145
			Acenaphthylene-d8	40	20.27	51		15	120
			4-Nitrophenol-d4	40	18.63	47		10	150
			Fluorene-d10	40	23.48	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.23	38		10	130
			Anthracene-d10	40	22.59	56		10	150
			Pyrene-d10	40	21.38	53		10	130
P2372-11	A43W1	BP020387.D	Benzo(a)pyrene-d12	40	22.43	56		10	140
			1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	18.18	45		20	120
			Phenol-d5	40	22.50	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.79	54		10	150
			2-Chlorophenol-d4	40	25.19	63		15	120
			4-Methylphenol-d8	40	22.55	56		10	140
			Nitrobenzene-d5	40	25.04	63		10	135
			2-Nitrophenol-d4	40	25.23	63		10	120
			2,4-Dichlorophenol-d3	40	25.20	63		10	140
			4-Chloroaniline-d4	40	20.60	52		1	145
			Dimethylphthalate-d6	40	26.85	67		10	145
			Acenaphthylene-d8	40	27.59	69		15	120
			4-Nitrophenol-d4	40	22.00	55		10	150
			Fluorene-d10	40	27.79	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.28	51		10	130
			Anthracene-d10	40	27.34	68		10	150

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-11	A43W1	BP020387.D	Pyrene-d10	40	26.26	66		10	130
			Benzo(a)pyrene-d12	40	27.61	69		10	140
P2372-12	A43W2	BP020380.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Pyridine-d5	40	21.25	53		20	120
			Phenol-d5	40	24.39	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.07	60		10	150
			2-Chlorophenol-d4	40	26.69	67		15	120
			4-Methylphenol-d8	40	23.83	60		10	140
			Nitrobenzene-d5	40	25.12	63		10	135
			2-Nitrophenol-d4	40	25.34	63		10	120
			2,4-Dichlorophenol-d3	40	23.91	60		10	140
			4-Chloroaniline-d4	40	21.00	53		1	145
			Dimethylphthalate-d6	40	29.56	74		10	145
			Acenaphthylene-d8	40	27.22	68		15	120
			4-Nitrophenol-d4	40	24.57	61		10	150
			Fluorene-d10	40	29.56	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.51	46		10	130
			Anthracene-d10	40	28.68	72		10	150
			Pyrene-d10	40	26.62	67		10	130
			Benzo(a)pyrene-d12	40	28.44	71		10	140
P2372-13	A43W3	BP020388.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Pyridine-d5	40	17.76	44		20	120
			Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.37	66		10	150
			2-Chlorophenol-d4	40	29.53	74		15	120
			4-Methylphenol-d8	40	27.81	70		10	140
			Nitrobenzene-d5	40	29.06	73		10	135
			2-Nitrophenol-d4	40	28.40	71		10	120
			2,4-Dichlorophenol-d3	40	28.38	71		10	140
			4-Chloroaniline-d4	40	25.11	63		1	145
			Dimethylphthalate-d6	40	32.25	81		10	145
			Acenaphthylene-d8	40	30.55	76		15	120
			4-Nitrophenol-d4	40	24.75	62		10	150
			Fluorene-d10	40	32.27	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.01	53		10	130
			Anthracene-d10	40	31.68	79		10	150
			Pyrene-d10	40	29.33	73		10	130
			Benzo(a)pyrene-d12	40	30.98	77		10	140
P2372-14	A43W4	BP020384.D	1,4-Dioxane-d8	8	3.88	49		15	120
			Pyridine-d5	40	7.54	19	*	20	120
			Phenol-d5	40	20.60	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.91	52		10	150
			2-Chlorophenol-d4	40	23.50	59		15	120
			4-Methylphenol-d8	40	19.34	48		10	140
			Nitrobenzene-d5	40	23.73	59		10	135
			2-Nitrophenol-d4	40	23.79	59		10	120
			2,4-Dichlorophenol-d3	40	23.86	60		10	140
			4-Chloroaniline-d4	40	13.93	35		1	145
			Dimethylphthalate-d6	40	25.75	64		10	145

Surrogate Summary

SW-846

SDG No.: **BP051424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-14	A43W4	BP020384.D	Acenaphthylene-d8	40	25.04	63		15	120
			4-Nitrophenol-d4	40	19.65	49		10	150
			Fluorene-d10	40	26.14	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.31	48		10	130
			Anthracene-d10	40	26.98	67		10	150
			Pyrene-d10	40	24.99	62		10	130
			Benzo(a)pyrene-d12	40	26.84	67		10	140
P2372-15	A43W5	BP020385.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	10.05	25		20	120
			Phenol-d5	40	23.26	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.13	55		10	150
			2-Chlorophenol-d4	40	25.55	64		15	120
			4-Methylphenol-d8	40	21.30	53		10	140
			Nitrobenzene-d5	40	24.56	61		10	135
			2-Nitrophenol-d4	40	26.73	67		10	120
			2,4-Dichlorophenol-d3	40	25.36	63		10	140
			4-Chloroaniline-d4	40	14.96	37		1	145
			Dimethylphthalate-d6	40	27.38	68		10	145
			Acenaphthylene-d8	40	27.01	68		15	120
			4-Nitrophenol-d4	40	21.55	54		10	150
			Fluorene-d10	40	28.27	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.11	53		10	130
			Anthracene-d10	40	27.68	69		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	27.43	69		10	140
P2372-16	A43W6	BP020386.D	1,4-Dioxane-d8	8	4.12	51		15	120
			Pyridine-d5	40	18.42	46		20	120
			Phenol-d5	40	21.60	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.39	56		10	150
			2-Chlorophenol-d4	40	25.81	65		15	120
			4-Methylphenol-d8	40	22.17	55		10	140
			Nitrobenzene-d5	40	25.82	65		10	135
			2-Nitrophenol-d4	40	25.45	64		10	120
			2,4-Dichlorophenol-d3	40	24.30	61		10	140
			4-Chloroaniline-d4	40	23.67	59		1	145
			Dimethylphthalate-d6	40	28.18	70		10	145
			Acenaphthylene-d8	40	27.01	68		15	120
			4-Nitrophenol-d4	40	22.28	56		10	150
			Fluorene-d10	40	28.53	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.35	48		10	130
			Anthracene-d10	40	28.04	70		10	150
			Pyrene-d10	40	26.13	65		10	130
			Benzo(a)pyrene-d12	40	27.72	69		10	140
P2372-17	A43W7	BP020390.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	19.23	48		20	120
			Phenol-d5	40	21.49	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.99	57		10	150
			2-Chlorophenol-d4	40	25.52	64		15	120
			4-Methylphenol-d8	40	20.88	52		10	140

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-17	A43W7	BP020390.D	Nitrobenzene-d5	40	26.40	66		10	135
			2-Nitrophenol-d4	40	25.90	65		10	120
			2,4-Dichlorophenol-d3	40	24.57	61		10	140
			4-Chloroaniline-d4	40	23.12	58		1	145
			Dimethylphthalate-d6	40	29.23	73		10	145
			Acenaphthylene-d8	40	28.04	70		15	120
			4-Nitrophenol-d4	40	24.82	62		10	150
			Fluorene-d10	40	29.40	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.52	49		10	130
			Anthracene-d10	40	30.92	77		10	150
			Pyrene-d10	40	27.60	69		10	130
			Benzo(a)pyrene-d12	40	30.64	77		10	140
P2372-18	A43W8	BP020389.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Pyridine-d5	40	19.53	49		20	120
			Phenol-d5	40	22.86	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.38	56		10	150
			2-Chlorophenol-d4	40	25.50	64		15	120
			4-Methylphenol-d8	40	21.67	54		10	140
			Nitrobenzene-d5	40	24.17	60		10	135
			2-Nitrophenol-d4	40	25.42	64		10	120
			2,4-Dichlorophenol-d3	40	23.91	60		10	140
			4-Chloroaniline-d4	40	23.02	58		1	145
			Dimethylphthalate-d6	40	27.71	69		10	145
			Acenaphthylene-d8	40	26.72	67		15	120
			4-Nitrophenol-d4	40	23.11	58		10	150
			Fluorene-d10	40	28.16	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.40	48		10	130
			Anthracene-d10	40	28.01	70		10	150
			Pyrene-d10	40	26.36	66		10	130
			Benzo(a)pyrene-d12	40	28.14	70		10	140
P2372-19	A43W9	BP020391.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	18.78	47		20	120
			Phenol-d5	40	22.87	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.10	58		10	150
			2-Chlorophenol-d4	40	25.97	65		15	120
			4-Methylphenol-d8	40	22.08	55		10	140
			Nitrobenzene-d5	40	25.80	64		10	135
			2-Nitrophenol-d4	40	27.39	68		10	120
			2,4-Dichlorophenol-d3	40	25.41	64		10	140
			4-Chloroaniline-d4	40	23.83	60		1	145
			Dimethylphthalate-d6	40	29.04	73		10	145
			Acenaphthylene-d8	40	28.22	71		15	120
			4-Nitrophenol-d4	40	26.26	66		10	150
			Fluorene-d10	40	29.75	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.82	55		10	130
			Anthracene-d10	40	30.29	76		10	150
			Pyrene-d10	40	26.06	65		10	130
			Benzo(a)pyrene-d12	40	30.54	76		10	140
P2372-20	A43X0	BP020392.D	1,4-Dioxane-d8	8	5.09	64		15	120

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2372-20	A43X0	BP020392.D	Pyridine-d5	40	22.73	57		20	120
			Phenol-d5	40	25.43	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.43	66		10	150
			2-Chlorophenol-d4	40	29.57	74		15	120
			4-Methylphenol-d8	40	25.65	64		10	140
			Nitrobenzene-d5	40	29.21	73		10	135
			2-Nitrophenol-d4	40	28.70	72		10	120
			2,4-Dichlorophenol-d3	40	28.19	70		10	140
			4-Chloroaniline-d4	40	27.34	68		1	145
			Dimethylphthalate-d6	40	34.31	86		10	145
			Acenaphthylene-d8	40	31.69	79		15	120
			4-Nitrophenol-d4	40	27.46	69		10	150
			Fluorene-d10	40	34.19	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.19	60		10	130
			Anthracene-d10	40	33.40	83		10	150
			Pyrene-d10	40	31.23	78		10	130
			Benzo(a)pyrene-d12	40	34.16	85		10	140
PB160788BL	PB160788BL	BP020382.D	Pyridine-d5	40	24.99	62		20	120
			1,4-Dioxane-d8	8	5.83	73		15	120
		BP020369.D	1,4-Dioxane-d8	8	6.11	76		15	120
			Pyridine-d5	40	24.92	62		20	120
		BP020382.D	Phenol-d5	40	23.15	58		10	130
			Phenol-d5	40	24.89	62		10	130
		BP020369.D	Bis(2-Chloroethyl)ether-d8	40	25.00	62		10	150
			Bis(2-Chloroethyl)ether-d8	40	24.22	61		10	150
		BP020382.D	2-Chlorophenol-d4	40	27.56	69		15	120
			2-Chlorophenol-d4	40	28.14	70		15	120
		BP020369.D	4-Methylphenol-d8	40	24.67	62		10	140
			4-Methylphenol-d8	40	22.73	57		10	140
		BP020382.D	Nitrobenzene-d5	40	26.62	67		10	135
			Nitrobenzene-d5	40	27.39	68		10	135
		BP020369.D	2-Nitrophenol-d4	40	26.92	67		10	120
			2-Nitrophenol-d4	40	27.37	68		10	120
		BP020382.D	2,4-Dichlorophenol-d3	40	25.78	64		10	140
			2,4-Dichlorophenol-d3	40	23.01	58		10	140
		BP020369.D	4-Chloroaniline-d4	40	24.14	60		1	145
			4-Chloroaniline-d4	40	23.94	60		1	145
		BP020382.D	Dimethylphthalate-d6	40	29.46	74		10	145
			Dimethylphthalate-d6	40	28.59	71		10	145
		BP020369.D	Acenaphthylene-d8	40	27.16	68		15	120
			Acenaphthylene-d8	40	27.07	68		15	120
		BP020382.D	4-Nitrophenol-d4	40	21.70	54		10	150
			4-Nitrophenol-d4	40	24.02	60		10	150
		BP020369.D	Fluorene-d10	40	28.55	71		20	140
			Fluorene-d10	40	28.95	72		20	140
		BP020382.D	4,6-Dinitro-2-methylphenol-d2	40	22.19	55		10	130
			4,6-Dinitro-2-methylphenol-d2	40	22.30	56		10	130
		BP020369.D	Anthracene-d10	40	28.40	71		10	150
			Anthracene-d10	40	28.56	71		10	150



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

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160788BL	PB160788BL	BP020369.D	Pyrene-d10	40	24.49	61		10	130
		BP020382.D	Pyrene-d10	40	23.92	60		10	130
			Benzo(a)pyrene-d12	40	28.34	71		10	140
		BP020369.D	Benzo(a)pyrene-d12	40	28.14	70		10	140



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

Surrogate Summary

SW-846

SDG No.: BP051424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2448-10	SVOC-GPC2-BLA1BP020370.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051424

Lab Code: CHEM

SAS No.: BP051424

SDG NO.: BP051424

Lab File ID: BP020367.D

DFTPP Injection Date: 05/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 14:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.3 (0.7) 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	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	73.3
443	15.0 - 24.0% of mass 442	14.3 (19.5) 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
SSTD020799	SSTDCCC020	BP020368.D	05/14/2024	15:14
SBLK788	PB160788BL	BP020369.D	05/14/2024	16:10
SVOC-GPC2-BLANK	P2448-10	BP020370.D	05/14/2024	16:54
A43R1	P2372-01	BP020371.D	05/14/2024	17:39
A43R1MS	P2372-02MS	BP020372.D	05/14/2024	18:23
A43R1MSD	P2372-03MSD	BP020373.D	05/14/2024	19:07
A43T4	P2372-04	BP020374.D	05/14/2024	19:51
A43T5	P2372-05	BP020375.D	05/14/2024	20:35
A43T6	P2372-06	BP020376.D	05/14/2024	21:18
A43T7	P2372-07	BP020377.D	05/14/2024	22:02
A43T8	P2372-08	BP020378.D	05/14/2024	22:46
A43T9	P2372-09	BP020379.D	05/14/2024	23:30
A43W2	P2372-12	BP020380.D	05/15/2024	00:14
SSTD020651	SSTDCCC020	BP020381.D	05/15/2024	00:57
SBLK788	PB160788BL	BP020382.D	05/15/2024	01:41
A43W0	P2372-10	BP020383.D	05/15/2024	02:25
A43W4	P2372-14	BP020384.D	05/15/2024	03:08
A43W5	P2372-15	BP020385.D	05/15/2024	03:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051424

Lab Code: CHEM

SAS No.: BP051424 SDG NO.: BP051424

Lab File ID: BP020367.D

DFTPP Injection Date: 05/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 14:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.3 (0.7) 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	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	73.3
443	15.0 - 24.0% of mass 442	14.3 (19.5) 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
A43W6	P2372-16	BP020386.D	05/15/2024	04:35
A43W1	P2372-11	BP020387.D	05/15/2024	05:19
A43W3	P2372-13	BP020388.D	05/15/2024	06:02
A43W8	P2372-18	BP020389.D	05/15/2024	06:45
A43W7	P2372-17	BP020390.D	05/15/2024	07:28
A43W9	P2372-19	BP020391.D	05/15/2024	08:12
A43X0	P2372-20	BP020392.D	05/15/2024	08:56