

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG No.: BF070324

Instrument ID: BNA_F Calibration Date/Time: 7/3/2024 12:10:59

Lab File ID: BF138438.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.846	0.901		6.501	
Pyridine	1.356	1.451		7.006	
2-Fluorophenol	1.206	1.224		1.493	
Benzaldehyde	1.003	1.025		2.193	
Aniline	1.586	1.602		1.009	
Phenol-d6	1.625	1.660		2.154	
Phenol	1.731	1.787		3.235	20.0
bis(2-Chloroethyl) ether	1.360	1.388		2.059	
2-Chlorophenol	1.295	1.320		1.931	
1,2-Dichlorobenzene	1.373	1.346		-1.966	
1,3-Dichlorobenzene	1.483	1.453		-2.023	
1,4-Dichlorobenzene	1.487	1.461		-1.748	20.0
Benzyl Alcohol	1.164	1.178		1.203	
2-Methylphenol	1.073	1.098		2.33	
2,2-oxybis(1-Chloropropane)	2.743	2.829		3.135	
Acetophenone	0.454	0.436		-3.965	
3+4-Methylphenols	1.247	1.271		1.925	
n-Nitroso-di-n-propylamine	1.024	0.994	0.050	-2.93	
Nitrobenzene-d5	0.385	0.400		3.896	
Hexachloroethane	0.536	0.538		0.373	
Nitrobenzene	0.392	0.397		1.276	
Isophorone	0.710	0.708		-0.282	
2-Nitrophenol	0.169	0.174		2.959	20.0
2,4-Dimethylphenol	0.216	0.217		0.463	
bis(2-Chloroethoxy) methane	0.427	0.424		-0.703	
2,4-Dichlorophenol	0.278	0.275		-1.079	20.0
1,2,4-Trichlorobenzene	0.323	0.312		-3.406	
Benzoic acid	0.183	0.194		6.011	
Naphthalene	1.011	0.994		-1.682	
4-Chloroaniline	0.353	0.350		-0.85	
Hexachlorobutadiene	0.194	0.182		-6.186	20.0
Caprolactam	0.088	0.092		4.545	
4-Chloro-3-methylphenol	0.296	0.299		1.014	20.0
2-Methylnaphthalene	0.653	0.629		-3.675	
Hexachlorocyclopentadiene	0.163	0.143	0.050	-12.27	
2,4,6-Trichlorophenol	0.352	0.339		-3.693	20.0
2-Fluorobiphenyl	1.257	1.159		-7.796	
2,4,5-Trichlorophenol	0.383	0.372		-2.872	
1,1-Biphenyl	1.493	1.405		-5.894	

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Lab File ID: BF138438.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.139	1.087		-4.565	
2-Nitroaniline	0.367	0.383		4.36	
Dimethylphthalate	1.285	1.248		-2.879	
Acenaphthylene	1.601	1.558		-2.686	
2,6-Dinitrotoluene	0.288	0.290		0.694	
3-Nitroaniline	0.284	0.287		1.056	
Acenaphthene	1.096	1.058		-3.467	20.0
2,4-Dinitrophenol	0.094	0.099	0.050	5.319	
4-Nitrophenol	0.184	0.196	0.050	6.522	
Dibenzofuran	1.511	1.465		-3.044	
2,4-Dinitrotoluene	0.354	0.366		3.39	
Diethylphthalate	1.202	1.178		-1.997	
4-Chlorophenyl-phenylether	0.609	0.562		-7.718	
Fluorene	1.200	1.106		-7.833	
4-Nitroaniline	0.261	0.270		3.448	
4,6-Dinitro-2-methylphenol	0.096	0.101		5.208	
n-Nitrosodiphenylamine	0.621	0.588		-5.314	20.0
Azobenzene	1.269	1.299		2.364	
2,4,6-Tribromophenol	0.163	0.162		-0.613	
4-Bromophenyl-phenylether	0.215	0.204		-5.116	
Hexachlorobenzene	0.237	0.223		-5.907	
Atrazine	0.174	0.162		-6.897	
Pentachlorophenol	0.120	0.125		4.167	20.0
Phenanthrene	0.976	0.952		-2.459	
Anthracene	0.974	0.946		-2.875	
Carbazole	0.808	0.801		-0.866	
Di-n-butylphthalate	1.025	1.043		1.756	
Fluoranthene	0.875	0.872		-0.343	20.0
Benzidine	0.160	0.029		-81.875	
Pyrene	2.138	2.046		-4.303	
Terphenyl-d14	1.459	1.423		-2.467	
Butylbenzylphthalate	0.650	0.667		2.615	
3,3-Dichlorobenzidine	0.380	0.368		-3.158	
Benzo(a)anthracene	1.287	1.235		-4.04	
Chrysene	1.253	1.215		-3.033	
Bis(2-ethylhexyl)phthalate	0.816	0.823		0.858	
Di-n-octyl phthalate	1.428	1.540		7.843	20.0
Benzo(b)fluoranthene	1.097	1.038		-5.378	
Benzo(k)fluoranthene	1.011	1.049		3.759	

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Instrument ID: BNA_F Calibration Date/Time: 7/3/2024 12:10:59

Lab File ID: BF138438.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.962	0.949		-1.351	20.0
Indeno(1,2,3-cd)pyrene	1.005	0.926		-7.861	
Dibenzo(a,h)anthracene	0.811	0.739		-8.878	
Benzo(g,h,i)perylene	0.794	0.736		-7.305	
1,2,4,5-Tetrachlorobenzene	0.553	0.516		-6.691	
1,4-Dioxane	0.568	0.604		6.338	20.0
2,3,4,6-Tetrachlorophenol	0.284	0.289		1.761	
1-Methylnaphthalene	0.634	0.614		-3.155	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BL	SDG No.:	BF070324
Lab Sample ID:	PB161852BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138439.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg



Client:				Date Collected:	7/1/2024 12:00:00 AM	
Project:				Date Received:	7/1/2024 12:00:00 AM	
Client Sample ID:	PB161852BL			SDG No.:	BF070324	
Lab Sample ID:	PB161852BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138439.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BL	SDG No.:	BF070324
Lab Sample ID:	PB161852BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138439.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.094		18-112		82	SPK: -150
13127-88-3	Phenol-d6	118.979		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	81.941		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	75.045		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BL	SDG No.:	BF070324
Lab Sample ID:	PB161852BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138439.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.959		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	72.235		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203611	6.869				
1146-65-2	Naphthalene-d8	839678	8.151				
15067-26-2	Acenaphthene-d10	467779	9.904				
1517-22-2	Phenanthrene-d10	789035	11.392				
1719-03-5	Chrysene-d12	350780	14.027				
1520-96-3	Perylene-d12	316335	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.122	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BS	SDG No.:	BF070324
Lab Sample ID:	PB161852BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138440.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	870		180	270	330	ug/Kg
62-53-3	Aniline	980		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	840		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BS	SDG No.:	BF070324
Lab Sample ID:	PB161852BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138440.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BS	SDG No.:	BF070324
Lab Sample ID:	PB161852BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138440.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	430		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.303		18-112		83	SPK: -150
13127-88-3	Phenol-d6	125.626		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	81.21		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	71.164		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	PB161852BS	SDG No.:	BF070324
Lab Sample ID:	PB161852BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138440.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.813		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	72.663		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238231	6.875				
1146-65-2	Naphthalene-d8	1018909	8.157				
15067-26-2	Acenaphthene-d10	562511	9.916				
1517-22-2	Phenanthrene-d10	940383	11.398				
1719-03-5	Chrysene-d12	407442	14.033				
1520-96-3	Perylene-d12	487735	15.498				



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	PB161624BS			SDG No.:	BF070324	
Lab Sample ID:	PB161624BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138441.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1100		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	870		180	270	330	ug/Kg
62-53-3	Aniline	960		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	840		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	PB161624BS			SDG No.:	BF070324	
Lab Sample ID:	PB161624BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138441.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	23800		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF070324
Lab Sample ID:	PB161624BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138441.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1400		84	130	170	ug/Kg
120-12-7	Anthracene	1400		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	640		160	270	330	ug/Kg
129-00-0	Pyrene	1300		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.493		18-112		83	SPK: -150
13127-88-3	Phenol-d6	126.166		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	80.514		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	70.999		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF070324
Lab Sample ID:	PB161624BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138441.D	1	6/21/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.38		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	72.899		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237577	6.875				
1146-65-2	Naphthalene-d8	1024653	8.157				
15067-26-2	Acenaphthene-d10	561382	9.916				
1517-22-2	Phenanthrene-d10	928659	11.398				
1719-03-5	Chrysene-d12	403387	14.033				
1520-96-3	Perylene-d12	480526	15.504				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	PB161765BS	SDG No.:	BF070324
Lab Sample ID:	PB161765BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138442.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	860		180	270	330	ug/Kg
62-53-3	Aniline	950		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	890		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	PB161765BS	SDG No.:	BF070324
Lab Sample ID:	PB161765BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138442.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	24200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	PB161765BS	SDG No.:	BF070324
Lab Sample ID:	PB161765BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138442.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	680		160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.48		18-112		83	SPK: -150
13127-88-3	Phenol-d6	125.146		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	81.716		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	71.136		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	PB161765BS	SDG No.:	BF070324
Lab Sample ID:	PB161765BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138442.D	1	6/27/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.917		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	76.553		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238524	6.875				
1146-65-2	Naphthalene-d8	1020839	8.157				
15067-26-2	Acenaphthene-d10	571266	9.916				
1517-22-2	Phenanthrene-d10	960000	11.398				
1719-03-5	Chrysene-d12	422344	14.033				
1520-96-3	Perylene-d12	473572	15.504				

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138443.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	420	520	ug/Kg
110-86-1	Pyridine	130	U	130	200	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	420	520	ug/Kg
62-53-3	Aniline	150	U	150	200	270	ug/Kg
108-95-2	Phenol	130	U	130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	270	ug/Kg
98-86-2	Acetophenone	140	U	140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	420	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.4	U	63.4	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	270	ug/Kg
78-59-1	Isophorone	130	U	130	200	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	270	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	520	ug/Kg
91-20-3	Naphthalene	130	U	130	200	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	270	ug/Kg



Client:				Date Collected:	6/29/2024 12:00:00 AM	
Project:				Date Received:	6/29/2024 12:00:00 AM	
Client Sample ID:	B-129-SB02			SDG No.:	BF070324	
Lab Sample ID:	P3141-05			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	36.5	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138443.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	420	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	420	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	270	ug/Kg
Total PAH	Total PAH	2100	U	2100	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	200	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	200	270	ug/Kg
84-66-2	Diethylphthalate	130	U	130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	270	ug/Kg
86-73-7	Fluorene	130	U	130	200	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	270	ug/Kg
103-33-3	Azobenzene	130	U	130	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	270	ug/Kg
1912-24-9	Atrazine	140	U	140	200	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138443.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	520	ug/Kg
85-01-8	Phenanthrene	130	U	130	200	270	ug/Kg
120-12-7	Anthracene	130	U	130	200	270	ug/Kg
86-74-8	Carbazole	130	U	130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	270	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	270	ug/Kg
92-87-5	Benzidine	260	U	260	420	520	ug/Kg
129-00-0	Pyrene	130	U	130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	420	520	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	200	270	ug/Kg
218-01-9	Chrysene	130	U	130	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	200	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.877		18-112		65	SPK: -150
13127-88-3	Phenol-d6	93.887		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	66.245		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	65.175		20-109		65	SPK: -100



Client:				Date Collected:	6/29/2024 12:00:00 AM	
Project:				Date Received:	6/29/2024 12:00:00 AM	
Client Sample ID:	B-129-SB02			SDG No.:	BF070324	
Lab Sample ID:	P3141-05			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	36.5	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138443.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.099		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	41.084		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153918	6.869				
1146-65-2	Naphthalene-d8	579736	8.151				
15067-26-2	Acenaphthene-d10	285842	9.904				
1517-22-2	Phenanthrene-d10	401581	11.386				
1719-03-5	Chrysene-d12	277184	14.027				
1520-96-3	Perylene-d12	252473	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3600	J			2.181	
000067-63-0	Isopropyl Alcohol	120	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	480	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.463	
000057-10-3	n-Hexadecanoic acid	300	J			11.91	
000630-02-4	Octacosane	130	J			13.392	
	unknown13.557	220	J			13.557	
003452-07-1	1-Eicosene	460	J			13.874	
000593-49-7	Heptacosane	150	J			14.104	
000630-04-6	Hentriacontane	170	J			14.668	
001560-98-1	Octacosane, 2-methyl-	140	J			15.139	
1000360-43-0	5-Butyl-5-ethylheptadecane	150	J			15.251	
	unknown16.680	140	J			16.68	
001617-70-5	Lup-20(29)-en-3-one	3000	J			18.127	
058801-23-3	Hop-22(29)-en-3.beta.-ol	740	J			18.386	

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138444.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	390	470	ug/Kg
110-86-1	Pyridine	110	U	110	190	240	ug/Kg
100-52-7	Benzaldehyde	260	U	260	390	470	ug/Kg
62-53-3	Aniline	140	U	140	190	240	ug/Kg
108-95-2	Phenol	120	U	120	190	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	190	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	190	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	190	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	190	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	190	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	390	470	ug/Kg
95-48-7	2-Methylphenol	120	U	120	190	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	190	240	ug/Kg
98-86-2	Acetophenone	120	U	120	190	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	390	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.8	U	57.8	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	190	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	190	240	ug/Kg
78-59-1	Isophorone	120	U	120	190	240	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	190	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	190	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	190	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	190	240	ug/Kg
65-85-0	Benzoic acid	340	U	340	390	470	ug/Kg
91-20-3	Naphthalene	120	U	120	190	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	190	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	190	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138444.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	390	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	190	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	190	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	390	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	190	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	190	240	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	190	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	190	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	190	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	190	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	190	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	190	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	190	240	ug/Kg
83-32-9	Acenaphthene	120	U	120	190	240	ug/Kg
Total PAH	Total PAH	1900	U	1900	190	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	390	470	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	390	470	ug/Kg
132-64-9	Dibenzofuran	120	U	120	190	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	190	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	190	480	ug/Kg
84-66-2	Diethylphthalate	110	U	110	190	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	190	240	ug/Kg
86-73-7	Fluorene	120	U	120	190	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	190	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	390	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	190	240	ug/Kg
103-33-3	Azobenzene	110	U	110	190	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	190	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	190	240	ug/Kg
1912-24-9	Atrazine	130	U	130	190	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138444.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	390	470	ug/Kg
85-01-8	Phenanthrene	120	U	120	190	240	ug/Kg
120-12-7	Anthracene	120	U	120	190	240	ug/Kg
86-74-8	Carbazole	120	U	120	190	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	190	240	ug/Kg
206-44-0	Fluoranthene	120	U	120	190	240	ug/Kg
92-87-5	Benzidine	230	U	230	390	470	ug/Kg
129-00-0	Pyrene	120	U	120	190	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	190	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	390	470	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	190	240	ug/Kg
218-01-9	Chrysene	110	U	110	190	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	190	240	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	390	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	190	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	190	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	190	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	190	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	190	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	190	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	190	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	190	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	190	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.895		18-112		75	SPK: -150
13127-88-3	Phenol-d6	101.245		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	69.522		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	66.313		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB02	SDG No.:	BF070324
Lab Sample ID:	P3141-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138444.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.481		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	45.898		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144743	6.869				
1146-65-2	Naphthalene-d8	559806	8.151				
15067-26-2	Acenaphthene-d10	314422	9.904				
1517-22-2	Phenanthrene-d10	446294	11.392				
1719-03-5	Chrysene-d12	284436	14.027				
1520-96-3	Perylene-d12	251802	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3700	J			2.193	
004254-15-3	(S)-(+)-1,2-Propanediol	150	J			3.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	500	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.457	
	unknown9.998	150	J			9.998	
000057-10-3	n-Hexadecanoic acid	160	J			11.91	
1010351-83-6	Octacosyl heptafluorobutyrate	360	J			13.868	

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138445.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93	U	93	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.5	U	96.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.4	U	97.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.2	U	97.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.4	U	98.4	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.6	U	96.6	310	380	ug/Kg
95-48-7	2-Methylphenol	93.8	U	93.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.9	U	92.9	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.9	U	46.9	93.1	93.1	ug/Kg
67-72-1	Hexachloroethane	96.6	U	96.6	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.4	U	98.4	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.8	U	99.8	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.8	U	87.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.4	U	99.4	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.1	U	96.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.1	U	96.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.9	U	96.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138445.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.2	U	90.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.1	U	83.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.1	U	86.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.9	U	96.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.1	U	95.1	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.8	U	96.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.4	U	94.4	150	200	ug/Kg
Total PAH	Total PAH	1543.1	U	1543.1	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	98.2	U	98.2	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.8	U	196.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.2	U	93.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.6	U	99.6	150	200	ug/Kg
86-73-7	Fluorene	99.5	U	99.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.9	U	94.9	150	200	ug/Kg
103-33-3	Azobenzene	92.6	U	92.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.8	U	91.8	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.9	U	98.9	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138445.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.9	U	89.9	310	380	ug/Kg
85-01-8	Phenanthrene	97.7	U	97.7	150	200	ug/Kg
120-12-7	Anthracene	98.2	U	98.2	150	200	ug/Kg
86-74-8	Carbazole	93.4	U	93.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.1	U	98.1	150	200	ug/Kg
206-44-0	Fluoranthene	95.1	U	95.1	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.6	U	96.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.9	U	93.9	150	200	ug/Kg
218-01-9	Chrysene	92.5	U	92.5	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.4	U	94.4	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.1	U	96.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.9	U	90.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.5	U	94.5	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.2	U	93.2	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.9	U	86.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.8	U	96.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.107		18-112		73	SPK: -150
13127-88-3	Phenol-d6	96.135		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	67.687		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	65.192		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-129-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138445.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.932		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	42.783		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146397	6.869				
1146-65-2	Naphthalene-d8	548396	8.151				
15067-26-2	Acenaphthene-d10	311622	9.904				
1517-22-2	Phenanthrene-d10	440682	11.392				
1719-03-5	Chrysene-d12	282404	14.027				
1520-96-3	Perylene-d12	251299	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.187	
004254-15-3	(S)-(+)-1,2-Propanediol	110	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	400	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	95	J			8.457	
	unknown9.998	97.4	J			9.998	
000057-10-3	n-Hexadecanoic acid	150	J			11.91	
000077-94-1	Butyl citrate	150	J			12.786	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	130	J			13.51	
1000351-83-4	Tricosyl heptafluorobutyrate	230	J			13.874	

Report of Analysis

Client:				Date Collected:	7/1/2024 12:00:00 AM		
Project:				Date Received:	7/1/2024 12:00:00 AM		
Client Sample ID:	327			SDG No.:	BF070324		
Lab Sample ID:	P3142-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	0		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :	Level :	LOW	
Injection Volume :				GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138446.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	327	SDG No.:	BF070324
Lab Sample ID:	P3142-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138446.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	327	SDG No.:	BF070324
Lab Sample ID:	P3142-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138446.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.918		18-112		45	SPK: -150
13127-88-3	Phenol-d6	75.267		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	56.711		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	58.523		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	327	SDG No.:	BF070324
Lab Sample ID:	P3142-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138446.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.697		10-110		35	SPK: -150
1718-51-0	Terphenyl-d14	41.976		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127418	6.869				
1146-65-2	Naphthalene-d8	506817	8.151				
15067-26-2	Acenaphthene-d10	307124	9.904				
1517-22-2	Phenanthrene-d10	445148	11.386				
1719-03-5	Chrysene-d12	278105	14.027				
1520-96-3	Perylene-d12	246653	15.492				

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138447.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	95.5	U	95.5	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.1	U	99.1	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	99.8	U	99.8	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.2	U	99.2	320	390	ug/Kg
95-48-7	2-Methylphenol	96.3	U	96.3	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.4	U	95.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.6	95.6	ug/Kg
67-72-1	Hexachloroethane	99.2	U	99.2	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.2	U	90.2	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	98.7	U	98.7	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.7	U	98.7	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.6	U	99.6	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138447.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.6	U	92.6	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.6	U	98.6	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.3	U	85.3	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.4	U	88.4	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.6	U	99.6	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.6	U	97.6	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.4	U	99.4	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	96.9	U	96.9	160	200	ug/Kg
Total PAH	Total PAH	1575.6	U	1575.6	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.4	U	199.4	160	400	ug/Kg
84-66-2	Diethylphthalate	95.7	U	95.7	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.5	U	97.5	160	200	ug/Kg
103-33-3	Azobenzene	95.1	U	95.1	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.3	U	94.3	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138447.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	U	92.4	320	390	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96	U	96	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	140	J	97.6	160	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	99.2	U	99.2	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	96.5	U	96.5	160	200	ug/Kg
218-01-9	Chrysene	95	U	95	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.9	U	96.9	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.7	U	98.7	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.3	U	93.3	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.1	U	97.1	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.7	U	95.7	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.3	U	89.3	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.4	U	99.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.847		18-112		70	SPK: -150
13127-88-3	Phenol-d6	103.638		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	83.582		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	80.603		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB01	SDG No.:	BF070324
Lab Sample ID:	P3141-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138447.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.61		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	51.126		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140566	6.869				
1146-65-2	Naphthalene-d8	463996	8.151				
15067-26-2	Acenaphthene-d10	240476	9.904				
1517-22-2	Phenanthrene-d10	330929	11.392				
1719-03-5	Chrysene-d12	201067	14.027				
1520-96-3	Perylene-d12	178265	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.187	
000057-55-6	Propylene Glycol	140	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	410	A			5.092	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.457	
	unknown9.998	86.5	J			9.998	
000057-10-3	n-Hexadecanoic acid	150	J			11.916	
000630-02-4	Octacosane	150	J			13.545	
1010309-18-1	Sulfurous acid, butyl tetradecyl e	380	J			13.874	
000593-49-7	Heptacosane	250	J			14.186	
055333-99-8	Eicosane, 7-hexyl-	240	J			14.492	
007225-64-1	Heptadecane, 9-octyl-	240	J			14.798	
000112-95-8	Eicosane	190	J			15.139	

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	RT4259	SDG No.:	BF070324
Lab Sample ID:	P3129-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138448.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.5	U	52.5	160	200	ug/Kg
110-86-1	Pyridine	48.3	U	48.3	78.6	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.6	U	58.6	78.6	100	ug/Kg
108-95-2	Phenol	80.3	J	50.1	78.6	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.6	U	50.6	78.6	100	ug/Kg
95-57-8	2-Chlorophenol	50.5	U	50.5	78.6	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	51.1	U	51.1	78.6	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	52	U	52	78.6	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	52.3	U	52.3	78.6	100	ug/Kg
100-51-6	Benzyl Alcohol	50.2	U	50.2	160	200	ug/Kg
95-48-7	2-Methylphenol	48.7	U	48.7	78.6	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.9	U	54.9	78.6	100	ug/Kg
98-86-2	Acetophenone	52.5	U	52.5	78.6	100	ug/Kg
65794-96-9	3+4-Methylphenols	48.2	U	48.2	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.4	U	24.4	48.4	48.4	ug/Kg
67-72-1	Hexachloroethane	50.2	U	50.2	78.6	100	ug/Kg
98-95-3	Nitrobenzene	54.9	U	54.9	78.6	100	ug/Kg
78-59-1	Isophorone	51.1	U	51.1	78.6	100	ug/Kg
88-75-5	2-Nitrophenol	57.1	U	57.1	78.6	100	ug/Kg
105-67-9	2,4-Dimethylphenol	56.3	U	56.3	78.6	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.9	U	51.9	78.6	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.6	U	45.6	78.6	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.6	U	51.6	78.6	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.9	U	49.9	78.6	100	ug/Kg
106-47-8	4-Chloroaniline	49.9	U	49.9	78.6	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.4	U	50.4	78.6	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	RT4259	SDG No.:	BF070324
Lab Sample ID:	P3129-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138448.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.5	U	52.5	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.8	U	46.8	78.6	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.9	U	49.9	78.6	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94.3	U	94.3	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.2	U	43.2	78.6	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.7	U	44.7	78.6	100	ug/Kg
92-52-4	1,1-Biphenyl	52.8	U	52.8	78.6	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.4	U	50.4	78.6	100	ug/Kg
88-74-4	2-Nitroaniline	57.4	U	57.4	78.6	100	ug/Kg
131-11-3	Dimethylphthalate	49.4	U	49.4	78.6	100	ug/Kg
208-96-8	Acenaphthylene	52.3	U	52.3	78.6	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.3	U	50.3	78.6	100	ug/Kg
99-09-2	3-Nitroaniline	53.9	U	53.9	78.6	100	ug/Kg
83-32-9	Acenaphthene	49	U	49	78.6	100	ug/Kg
Total PAH	Total PAH	801	U	801	78.6	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	70.1	U	70.1	160	200	ug/Kg
132-64-9	Dibenzofuran	51	U	51	78.6	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	102.4	U	102.4	78.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.1	U	52.1	78.6	100	ug/Kg
84-66-2	Diethylphthalate	48.4	U	48.4	78.6	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.7	U	51.7	78.6	100	ug/Kg
86-73-7	Fluorene	51.7	U	51.7	78.6	100	ug/Kg
100-01-6	4-Nitroaniline	64.7	U	64.7	78.6	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.7	U	70.7	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.3	U	49.3	78.6	100	ug/Kg
103-33-3	Azobenzene	48.1	U	48.1	78.6	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.7	U	47.7	78.6	100	ug/Kg
118-74-1	Hexachlorobenzene	51.4	U	51.4	78.6	100	ug/Kg
1912-24-9	Atrazine	55.2	U	55.2	78.6	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	RT4259	SDG No.:	BF070324
Lab Sample ID:	P3129-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138448.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.7	U	46.7	160	200	ug/Kg
85-01-8	Phenanthrene	50.8	U	50.8	78.6	100	ug/Kg
120-12-7	Anthracene	51	U	51	78.6	100	ug/Kg
86-74-8	Carbazole	48.5	U	48.5	78.6	100	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	78.6	100	ug/Kg
206-44-0	Fluoranthene	49.4	U	49.4	78.6	100	ug/Kg
92-87-5	Benzidine	98.5	U	98.5	160	200	ug/Kg
129-00-0	Pyrene	50.2	U	50.2	78.6	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.5	U	58.5	78.6	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.6	U	59.6	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.8	U	48.8	78.6	100	ug/Kg
218-01-9	Chrysene	48.1	U	48.1	78.6	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	78.6	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66.5	U	66.5	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	78.6	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.9	U	49.9	78.6	100	ug/Kg
50-32-8	Benzo(a)pyrene	56.2	U	56.2	78.6	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47.2	U	47.2	78.6	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49.1	U	49.1	78.6	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.4	U	48.4	78.6	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.5	U	52.5	78.6	100	ug/Kg
123-91-1	1,4-Dioxane	66.5	U	66.5	78.6	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45.2	U	45.2	78.6	100	ug/Kg
90-12-0	1-Methylnaphthalene	50.3	U	50.3	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.639		18-112		57	SPK: -150
13127-88-3	Phenol-d6	83.92		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	63.467		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	73.362		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	RT4259	SDG No.:	BF070324
Lab Sample ID:	P3129-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138448.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.679		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	45.991		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110440	6.869				
1146-65-2	Naphthalene-d8	386371	8.151				
15067-26-2	Acenaphthene-d10	145381	9.904				
1517-22-2	Phenanthrene-d10	175336	11.404				
1719-03-5	Chrysene-d12	147349	14.051				
1520-96-3	Perylene-d12	119492	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.087	
000104-76-7	1-Hexanol, 2-ethyl-	260	J			6.928	
000629-50-5	Tridecane	100	J			9.304	
004575-46-6	Benzene, 1-cyclohexyl-3-methyl-	85.6	J			9.539	
	unknown9.581	55	J			9.581	
	unknown9.628	180	J			9.628	
030316-36-0	Naphthalene, 1,2,3,4-tetrahydro-1,	63.7	J			9.651	
000719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6-	290	J			9.722	
034303-81-6	3-Hexadecene, (Z)-	170	J			9.775	
	unknown9.816	140	J			9.816	
	unknown10.169	180	J			10.169	
198991-79-6	(2E,4S,7E)-4-Isopropyl-1,7-dimethy	180	J			10.316	

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070324
Lab Sample ID:	P3134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138449.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.1	U	56.1	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	84	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.6	U	62.6	84	110	ug/Kg
108-95-2	Phenol	53.6	U	53.6	84	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.1	U	54.1	84	110	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	84	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.7	U	54.7	84	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.6	U	55.6	84	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.9	U	55.9	84	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52.1	U	52.1	84	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.8	U	58.8	84	110	ug/Kg
98-86-2	Acetophenone	56.2	U	56.2	84	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.6	U	51.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.7	51.7	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	84	110	ug/Kg
98-95-3	Nitrobenzene	58.7	U	58.7	84	110	ug/Kg
78-59-1	Isophorone	54.7	U	54.7	84	110	ug/Kg
88-75-5	2-Nitrophenol	61.1	U	61.1	84	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.2	U	60.2	84	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.5	U	55.5	84	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.8	U	48.8	84	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.2	U	55.2	84	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.4	U	53.4	84	110	ug/Kg
106-47-8	4-Chloroaniline	53.4	U	53.4	84	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.8	U	53.8	84	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070324
Lab Sample ID:	P3134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138449.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.1	U	56.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.1	U	50.1	84	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.3	U	53.3	84	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	84	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.8	U	47.8	84	110	ug/Kg
92-52-4	1,1-Biphenyl	56.5	U	56.5	84	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.8	U	53.8	84	110	ug/Kg
88-74-4	2-Nitroaniline	61.4	U	61.4	84	110	ug/Kg
131-11-3	Dimethylphthalate	52.8	U	52.8	84	110	ug/Kg
208-96-8	Acenaphthylene	55.9	U	55.9	84	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.8	U	53.8	84	110	ug/Kg
99-09-2	3-Nitroaniline	57.7	U	57.7	84	110	ug/Kg
83-32-9	Acenaphthene	52.4	U	52.4	84	110	ug/Kg
Total PAH	Total PAH	856.6	U	856.6	84	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	170	210	ug/Kg
132-64-9	Dibenzofuran	54.6	U	54.6	84	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.7	U	55.7	84	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.5	U	109.5	84	220	ug/Kg
84-66-2	Diethylphthalate	51.8	U	51.8	84	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.3	U	55.3	84	110	ug/Kg
86-73-7	Fluorene	55.3	U	55.3	84	110	ug/Kg
100-01-6	4-Nitroaniline	69.2	U	69.2	84	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.6	U	75.6	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.7	U	52.7	84	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	84	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	84	110	ug/Kg
118-74-1	Hexachlorobenzene	54.9	U	54.9	84	110	ug/Kg
1912-24-9	Atrazine	59.1	U	59.1	84	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070324
Lab Sample ID:	P3134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138449.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50	U	50	170	210	ug/Kg
85-01-8	Phenanthrene	54.3	U	54.3	84	110	ug/Kg
120-12-7	Anthracene	54.6	U	54.6	84	110	ug/Kg
86-74-8	Carbazole	51.9	U	51.9	84	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.5	U	54.5	84	110	ug/Kg
206-44-0	Fluoranthene	120		52.8	84	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.6	J	53.6	84	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.6	U	62.6	84	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.7	U	63.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.2	U	52.2	84	110	ug/Kg
218-01-9	Chrysene	62.3	J	51.4	84	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.8	U	58.8	84	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.1	U	71.1	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.9	J	52.4	84	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.4	U	53.4	84	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.1	U	60.1	84	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.5	U	50.5	84	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.5	U	52.5	84	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.8	U	51.8	84	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.1	U	56.1	84	110	ug/Kg
123-91-1	1,4-Dioxane	71.1	U	71.1	84	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.3	U	48.3	84	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.8	U	53.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.105		18-112		79	SPK: -150
13127-88-3	Phenol-d6	114.651		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	84.947		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.098		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238	SDG No.:	BF070324
Lab Sample ID:	P3134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138449.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.523		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	55.018		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116437	6.869				
1146-65-2	Naphthalene-d8	444782	8.151				
15067-26-2	Acenaphthene-d10	212829	9.904				
1517-22-2	Phenanthrene-d10	275425	11.386				
1719-03-5	Chrysene-d12	208844	14.027				
1520-96-3	Perylene-d12	173656	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.181	
000057-55-6	Propylene Glycol	94.4	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.098	
000094-59-7	Safrole	530	J			8.769	
000057-10-3	n-Hexadecanoic acid	260	J			11.916	
000057-11-4	Octadecanoic acid	110	J			12.698	
959085-66-6	Heptadecyl heptafluorobutyrate	290	J			13.874	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	520	J			14.651	
020548-62-3	Di-isononyl phthlate	89.2	J			14.698	
000084-76-4	1,2-Benzenedicarboxylic acid, dino	84.9	J			14.751	
1000309-06-8	Phthalic acid, 2-cyclohexylethyl n	55.6	J			14.839	
056554-86-0	17-Octadecenal	170	J			14.945	
000629-94-7	Heneicosane	190	J			15.139	
015594-90-8	1-Heneicosanol	570	J			15.18	
000638-66-4	Octadecanal	120	J			15.727	
000630-02-4	Octacosane	290	J			15.957	
1000351-89-0	Hexatriacontyl pentafluoropropiona	320	J			16.762	



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	VNJ-238MS			SDG No.:	BF070324	
Lab Sample ID:	P3134-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.3	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138450.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		56.2	170	210	ug/Kg
110-86-1	Pyridine	980		51.7	84.1	110	ug/Kg
100-52-7	Benzaldehyde	270		120	170	210	ug/Kg
62-53-3	Aniline	460		62.7	84.1	110	ug/Kg
108-95-2	Phenol	1000		53.6	84.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.2	84.1	110	ug/Kg
95-57-8	2-Chlorophenol	1100		54	84.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		54.7	84.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		55.6	84.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		56	84.1	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		53.7	170	210	ug/Kg
95-48-7	2-Methylphenol	1000		52.1	84.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		58.8	84.1	110	ug/Kg
98-86-2	Acetophenone	1000		56.2	84.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		51.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.1	51.8	51.8	ug/Kg
67-72-1	Hexachloroethane	1100		53.7	84.1	110	ug/Kg
98-95-3	Nitrobenzene	1100		58.7	84.1	110	ug/Kg
78-59-1	Isophorone	1100		54.7	84.1	110	ug/Kg
88-75-5	2-Nitrophenol	1200		61.1	84.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		60.3	84.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		55.5	84.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.8	84.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		55.3	84.1	110	ug/Kg
65-85-0	Benzoic acid	1000		150	170	210	ug/Kg
91-20-3	Naphthalene	1100		53.4	84.1	110	ug/Kg
106-47-8	4-Chloroaniline	190		53.4	84.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		53.9	84.1	110	ug/Kg



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	VNJ-238MS			SDG No.:	BF070324	
Lab Sample ID:	P3134-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.3	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138450.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	960		56.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		50.1	84.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		53.4	84.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		46.2	84.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		47.9	84.1	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		56.5	84.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		53.9	84.1	110	ug/Kg
88-74-4	2-Nitroaniline	1200		61.5	84.1	110	ug/Kg
131-11-3	Dimethylphthalate	1100		52.9	84.1	110	ug/Kg
208-96-8	Acenaphthylene	1100		56	84.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		53.8	84.1	110	ug/Kg
99-09-2	3-Nitroaniline	640		57.7	84.1	110	ug/Kg
83-32-9	Acenaphthene	1200		52.5	84.1	110	ug/Kg
Total PAH	Total PAH	18750		857.2	84.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	2000	E	75.1	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		54.6	84.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		109.6	84.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55.8	84.1	110	ug/Kg
84-66-2	Diethylphthalate	1100		51.8	84.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		55.4	84.1	110	ug/Kg
86-73-7	Fluorene	960		55.3	84.1	110	ug/Kg
100-01-6	4-Nitroaniline	930		69.2	84.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		75.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		52.8	84.1	110	ug/Kg
103-33-3	Azobenzene	1000		51.5	84.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		51	84.1	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		55	84.1	110	ug/Kg
1912-24-9	Atrazine	1200		59.1	84.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MS	SDG No.:	BF070324
Lab Sample ID:	P3134-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138450.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	50	170	210	ug/Kg
85-01-8	Phenanthrene	1200		54.3	84.1	110	ug/Kg
120-12-7	Anthracene	1200		54.6	84.1	110	ug/Kg
86-74-8	Carbazole	1200		52	84.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		54.5	84.1	110	ug/Kg
206-44-0	Fluoranthene	1400		52.9	84.1	110	ug/Kg
92-87-5	Benzidine	1200		110	170	210	ug/Kg
129-00-0	Pyrene	790		53.7	84.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		62.6	84.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550		63.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1200		52.2	84.1	110	ug/Kg
218-01-9	Chrysene	1200		51.4	84.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		58.9	84.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		71.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		52.5	84.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		53.4	84.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		60.2	84.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		50.5	84.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		52.5	84.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		51.8	84.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		56.2	84.1	110	ug/Kg
123-91-1	1,4-Dioxane	890		71.2	84.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		48.3	84.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	970		53.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.914		18-112		83	SPK: -150
13127-88-3	Phenol-d6	122.22		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	90.326		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	90.404		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MS	SDG No.:	BF070324
Lab Sample ID:	P3134-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138450.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.29		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	61.505		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125393	6.875				
1146-65-2	Naphthalene-d8	473065	8.157				
15067-26-2	Acenaphthene-d10	228852	9.91				
1517-22-2	Phenanthrene-d10	294704	11.392				
1719-03-5	Chrysene-d12	212342	14.033				
1520-96-3	Perylene-d12	171098	15.498				

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MSD	SDG No.:	BF070324
Lab Sample ID:	P3134-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138451.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		56.1	170	210	ug/Kg
110-86-1	Pyridine	1000		51.7	84.1	110	ug/Kg
100-52-7	Benzaldehyde	280		120	170	210	ug/Kg
62-53-3	Aniline	520		62.7	84.1	110	ug/Kg
108-95-2	Phenol	1100		53.6	84.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.1	84.1	110	ug/Kg
95-57-8	2-Chlorophenol	1200		54	84.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		54.7	84.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		55.6	84.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		55.9	84.1	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		53.7	170	210	ug/Kg
95-48-7	2-Methylphenol	1100		52.1	84.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		58.8	84.1	110	ug/Kg
98-86-2	Acetophenone	1100		56.2	84.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		51.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.1	51.7	51.7	ug/Kg
67-72-1	Hexachloroethane	1100		53.7	84.1	110	ug/Kg
98-95-3	Nitrobenzene	1100		58.7	84.1	110	ug/Kg
78-59-1	Isophorone	1100		54.7	84.1	110	ug/Kg
88-75-5	2-Nitrophenol	1200		61.1	84.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		60.3	84.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		55.5	84.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.8	84.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		55.2	84.1	110	ug/Kg
65-85-0	Benzoic acid	1100		150	170	210	ug/Kg
91-20-3	Naphthalene	1100		53.4	84.1	110	ug/Kg
106-47-8	4-Chloroaniline	190		53.4	84.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		53.9	84.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MSD	SDG No.:	BF070324
Lab Sample ID:	P3134-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138451.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		56.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		50.1	84.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		53.4	84.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		46.2	84.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		47.9	84.1	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		56.5	84.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		53.9	84.1	110	ug/Kg
88-74-4	2-Nitroaniline	1200		61.4	84.1	110	ug/Kg
131-11-3	Dimethylphthalate	1200		52.8	84.1	110	ug/Kg
208-96-8	Acenaphthylene	1200		55.9	84.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		53.8	84.1	110	ug/Kg
99-09-2	3-Nitroaniline	690		57.7	84.1	110	ug/Kg
83-32-9	Acenaphthene	1200		52.4	84.1	110	ug/Kg
Total PAH	Total PAH	19520		856.7	84.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	2100	E	75	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		54.6	84.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		109.5	84.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55.7	84.1	110	ug/Kg
84-66-2	Diethylphthalate	1100		51.8	84.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		55.4	84.1	110	ug/Kg
86-73-7	Fluorene	1000		55.3	84.1	110	ug/Kg
100-01-6	4-Nitroaniline	980		69.2	84.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		75.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		52.8	84.1	110	ug/Kg
103-33-3	Azobenzene	1100		51.5	84.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		51	84.1	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		55	84.1	110	ug/Kg
1912-24-9	Atrazine	1300		59.1	84.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MSD	SDG No.:	BF070324
Lab Sample ID:	P3134-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138451.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	50	170	210	ug/Kg
85-01-8	Phenanthrene	1200		54.3	84.1	110	ug/Kg
120-12-7	Anthracene	1200		54.6	84.1	110	ug/Kg
86-74-8	Carbazole	1200		51.9	84.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		54.5	84.1	110	ug/Kg
206-44-0	Fluoranthene	1400		52.8	84.1	110	ug/Kg
92-87-5	Benzidine	1500		110	170	210	ug/Kg
129-00-0	Pyrene	820		53.7	84.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		62.6	84.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		63.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1200		52.2	84.1	110	ug/Kg
218-01-9	Chrysene	1200		51.4	84.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		58.9	84.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		71.1	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		52.4	84.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		53.4	84.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		60.1	84.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		50.5	84.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		52.5	84.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		51.8	84.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		56.1	84.1	110	ug/Kg
123-91-1	1,4-Dioxane	940		71.1	84.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		48.3	84.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	990		53.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.203		18-112		86	SPK: -150
13127-88-3	Phenol-d6	126.877		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	93.222		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	95.763		20-109		96	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	VNJ-238MSD	SDG No.:	BF070324
Lab Sample ID:	P3134-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138451.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.879		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	63.399		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120631	6.875				
1146-65-2	Naphthalene-d8	461689	8.157				
15067-26-2	Acenaphthene-d10	216228	9.91				
1517-22-2	Phenanthrene-d10	281878	11.392				
1719-03-5	Chrysene-d12	207954	14.033				
1520-96-3	Perylene-d12	162347	15.498				



Client:				Date Collected:	6/29/2024 12:00:00 AM	
Project:				Date Received:	6/29/2024 12:00:00 AM	
Client Sample ID:	B-140-SB00			SDG No.:	BF070324	
Lab Sample ID:	P3141-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.9	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138452.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.3	U	96.3	300	370	ug/Kg
110-86-1	Pyridine	88.6	U	88.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92	U	92	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.9	U	92.9	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.6	U	92.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.9	U	93.9	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.4	U	95.4	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96	U	96	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.1	U	92.1	300	370	ug/Kg
95-48-7	2-Methylphenol	89.4	U	89.4	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.4	U	96.4	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.5	U	88.5	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.7	U	44.7	88.8	88.8	ug/Kg
67-72-1	Hexachloroethane	92.1	U	92.1	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.9	U	93.9	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.2	U	95.2	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.8	U	83.8	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.8	U	94.8	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.6	U	91.6	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.6	U	91.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.4	U	92.4	140	190	ug/Kg



Client:				Date Collected:	6/29/2024 12:00:00 AM	
Project:				Date Received:	6/29/2024 12:00:00 AM	
Client Sample ID:	B-140-SB00			SDG No.:	BF070324	
Lab Sample ID:	P3141-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.9	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138452.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.3	U	96.3	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.5	U	91.5	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.2	U	79.2	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.1	U	82.1	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97	U	97	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.4	U	92.4	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.6	U	90.6	140	190	ug/Kg
208-96-8	Acenaphthylene	96	U	96	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.3	U	92.3	140	190	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	140	190	ug/Kg
83-32-9	Acenaphthene	90	U	90	140	190	ug/Kg
Total PAH	Total PAH	5220	U	1467	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.6	U	93.6	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.9	U	187.9	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.6	U	95.6	140	190	ug/Kg
84-66-2	Diethylphthalate	88.9	U	88.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95	U	95	140	190	ug/Kg
86-73-7	Fluorene	94.9	U	94.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.5	U	90.5	140	190	ug/Kg
103-33-3	Azobenzene	88.3	U	88.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.5	U	87.5	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.3	U	94.3	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB00	SDG No.:	BF070324
Lab Sample ID:	P3141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138452.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.8	U	85.8	300	370	ug/Kg
85-01-8	Phenanthrene	760		93.2	140	190	ug/Kg
120-12-7	Anthracene	160	J	93.6	140	190	ug/Kg
86-74-8	Carbazole	89.1	U	89.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.5	U	93.5	140	190	ug/Kg
206-44-0	Fluoranthene	1200		90.6	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	610		92.1	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	410		89.5	140	190	ug/Kg
218-01-9	Chrysene	530		88.2	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		90	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	91.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	330		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	86.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.1	U	90.1	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		88.9	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.3	U	96.3	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.3	U	92.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.032		18-112		65	SPK: -150
13127-88-3	Phenol-d6	94.313		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	68.247		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	68.982		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB00	SDG No.:	BF070324
Lab Sample ID:	P3141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138452.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.882		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	39.473		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119548	6.869				
1146-65-2	Naphthalene-d8	447003	8.151				
15067-26-2	Acenaphthene-d10	202910	9.904				
1517-22-2	Phenanthrene-d10	266538	11.392				
1719-03-5	Chrysene-d12	218487	14.027				
1520-96-3	Perylene-d12	172309	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	320	A			5.093	
000124-18-5	Decane	300	J			6.704	
017301-23-4	Undecane, 2,6-dimethyl-	130	J			8.204	
061142-20-9	Cyclohexane, (4-methylpentyl)-	190	J			8.439	
001560-97-0	Dodecane, 2-methyl-	160	J			8.522	
005911-04-6	Nonane, 3-methyl-	290	J			8.569	
000544-76-3	Hexadecane	1100	J			8.739	
062108-25-2	Decane, 2,6,7-trimethyl-	190	J			8.798	
1000382-54-8	Carbonic acid, dodecyl vinyl ester	130	J			8.834	
001560-96-9	Tridecane, 2-methyl-	140	J			9.104	
031295-56-4	Dodecane, 2,6,11-trimethyl-	130	J			9.169	
000629-59-4	Tetradecane	670	J			9.304	
000057-10-3	n-Hexadecanoic acid	590	J			11.916	
107426-38-0	Naphtho[2,3-b]norbornadiene	170	J			11.998	
000057-11-4	Octadecanoic acid	200	J			12.698	
000301-02-0	9-Octadecenamide, (Z)-	130	J			13.451	
001599-67-3	1-Docosene	210	J			13.868	
069821-15-4	1-Isobutylsulfanylmethyl-2,8,9-tri	160	J			14.604	

Report of Analysis

Client:		Date Collected:	6/29/2024 12:00:00 AM
Project:		Date Received:	6/29/2024 12:00:00 AM
Client Sample ID:	B-140-SB00	SDG No.:	BF070324
Lab Sample ID:	P3141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138452.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	300	J			15.368	



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	OK-628-COMP-01			SDG No.:	BF070324	
Lab Sample ID:	P3135-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.1	
Sample Wt/Vol:	50.06	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138453.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.5	U	51.5	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.5	U	53.5	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.5	U	53.5	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.1	U	60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.3	U	55.3	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.9	110	ug/Kg



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	OK-628-COMP-01			SDG No.:	BF070324	
Lab Sample ID:	P3135-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.1	
Sample Wt/Vol:	50.06	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138453.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.5	U	57.5	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.3	U	52.3	83.9	110	ug/Kg
Total PAH	Total PAH	854.9	U	854.9	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.8	U	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	54.4	U	54.4	83.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	51.3	U	51.3	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-01	SDG No.:	BF070324
Lab Sample ID:	P3135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138453.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	54.2	U	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	54.4	U	54.4	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	52.7	U	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.5	U	53.5	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.4	U	62.4	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.1	U	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	51.3	U	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.3	U	52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.3	U	53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.4	U	50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.4	U	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.7	U	51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.01		18-112		64	SPK: -150
13127-88-3	Phenol-d6	90.264		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	66.472		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	74.236		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-01	SDG No.:	BF070324
Lab Sample ID:	P3135-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138453.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.709		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	50.714		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110931	6.869				
1146-65-2	Naphthalene-d8	403185	8.151				
15067-26-2	Acenaphthene-d10	168784	9.904				
1517-22-2	Phenanthrene-d10	240144	11.392				
1719-03-5	Chrysene-d12	191128	14.027				
1520-96-3	Perylene-d12	135405	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.169	
	unknown3.393	59.3	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.093	
000057-10-3	n-Hexadecanoic acid	170	J			11.916	
000057-11-4	Octadecanoic acid	90.7	J			12.698	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	50.5	J			12.827	
018835-32-0	1-Tricosene	180	J			13.874	
000112-84-5	13-Docosenamide, (Z)-	53.5	J			14.786	
1000285-40-2	.beta.-iso-Methyl ionone	110	J			16.204	
220766-79-0	(4aS,8aS)-8-Isopentyl-4,4,7,8a-tet	68.8	J			16.633	



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	OK-628-COMP-02			SDG No.:	BF070324	
Lab Sample ID:	P3135-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.5	
Sample Wt/Vol:	50.09	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138454.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.9	U	52.9	86	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	86	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.4	U	55.4	86	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56	U	56	86	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	86	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	86	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	86	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86	110	ug/Kg
98-86-2	Acetophenone	57.5	U	57.5	86	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	86	110	ug/Kg
98-95-3	Nitrobenzene	60.1	U	60.1	86	110	ug/Kg
78-59-1	Isophorone	56	U	56	86	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	86	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.7	U	61.7	86	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.8	U	56.8	86	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	86	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	86	110	ug/Kg



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	OK-628-COMP-02			SDG No.:	BF070324	
Lab Sample ID:	P3135-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.5	
Sample Wt/Vol:	50.09	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138454.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.3	U	51.3	86	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	54.6	86	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.3	U	47.3	86	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	86	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	86	110	ug/Kg
88-74-4	2-Nitroaniline	62.9	U	62.9	86	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	86	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	86	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	86	110	ug/Kg
Total PAH	Total PAH	877	U	877	86	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.8	U	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.9	U	55.9	86	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	86	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.1	U	112.1	86	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	86	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	86	110	ug/Kg
86-73-7	Fluorene	56.6	U	56.6	86	110	ug/Kg
100-01-6	4-Nitroaniline	70.8	U	70.8	86	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.4	U	77.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86	110	ug/Kg
103-33-3	Azobenzene	52.7	U	52.7	86	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	86	110	ug/Kg
118-74-1	Hexachlorobenzene	56.3	U	56.3	86	110	ug/Kg
1912-24-9	Atrazine	60.5	U	60.5	86	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-02	SDG No.:	BF070324
Lab Sample ID:	P3135-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138454.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	55.6	U	55.6	86	110	ug/Kg
120-12-7	Anthracene	55.9	U	55.9	86	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	86	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.8	U	55.8	86	110	ug/Kg
206-44-0	Fluoranthene	54.1	U	54.1	86	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.9	U	54.9	86	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.1	U	64.1	86	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.3	U	65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.4	U	53.4	86	110	ug/Kg
218-01-9	Chrysene	52.6	U	52.6	86	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.2	U	60.2	86	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.8	U	72.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.7	U	53.7	86	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.7	U	54.7	86	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	86	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.7	U	51.7	86	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	86	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	86	110	ug/Kg
123-91-1	1,4-Dioxane	72.8	U	72.8	86	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	86	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.065		18-112		64	SPK: -150
13127-88-3	Phenol-d6	90.158		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	67.15		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	74.98		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	OK-628-COMP-02	SDG No.:	BF070324
Lab Sample ID:	P3135-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138454.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.279		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	53.263		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111463	6.869				
1146-65-2	Naphthalene-d8	397681	8.151				
15067-26-2	Acenaphthene-d10	162348	9.904				
1517-22-2	Phenanthrene-d10	258970	11.392				
1719-03-5	Chrysene-d12	183116	14.027				
1520-96-3	Perylene-d12	133376	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
017348-59-3	Propane, 2-methyl-2-(1-methylethox	190	J			5.093	
000057-10-3	n-Hexadecanoic acid	120	J			11.916	
000057-11-4	Octadecanoic acid	61.1	J			12.698	
074685-30-6	5-Eicosene, (E)-	160	J			13.874	
058185-32-3	Nonadecanamide	52.7	J			14.78	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	VNJ-231	SDG No.:	BF070324
Lab Sample ID:	P3142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138455.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.9	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	VNJ-231	SDG No.:	BF070324
Lab Sample ID:	P3142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138455.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	VNJ-231	SDG No.:	BF070324
Lab Sample ID:	P3142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138455.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.032		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.174		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	69.333		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	77.722		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	VNJ-231	SDG No.:	BF070324
Lab Sample ID:	P3142-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138455.D	1	7/1/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.484		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	59.285		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106041	6.875				
1146-65-2	Naphthalene-d8	361514	8.151				
15067-26-2	Acenaphthene-d10	144824	9.904				
1517-22-2	Phenanthrene-d10	250925	11.392				
1719-03-5	Chrysene-d12	173589	14.027				
1520-96-3	Perylene-d12	134920	15.498				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625DL2	SDG No.:	BF070324
Lab Sample ID:	P3073-02DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BF138456.D	10	6/28/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.4	U	10.4	80.8	100	ug/L
110-86-1	Pyridine	15.7	U	15.7	40.4	50.5	ug/L
100-52-7	Benzaldehyde	40.4	U	40.4	80.8	100	ug/L
62-53-3	Aniline	16.2	U	16.2	40.4	50.5	ug/L
108-95-2	Phenol	9.4	U	9.4	40.4	50.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	12	U	12	40.4	50.5	ug/L
95-57-8	2-Chlorophenol	7.2	U	7.2	40.4	50.5	ug/L
95-50-1	1,2-Dichlorobenzene	8.9	U	8.9	40.4	50.5	ug/L
541-73-1	1,3-Dichlorobenzene	8.1	U	8.1	40.4	50.5	ug/L
106-46-7	1,4-Dichlorobenzene	8.5	U	8.5	40.4	50.5	ug/L
100-51-6	Benzyl Alcohol	16.2	U	16.2	80.8	100	ug/L
95-48-7	2-Methylphenol	11.4	U	11.4	40.4	50.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.6	U	13.6	40.4	50.5	ug/L
98-86-2	Acetophenone	11.1	U	11.1	40.4	50.5	ug/L
65794-96-9	3+4-Methylphenols	11.6	U	11.6	80.8	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.9	U	14.9	25.3	25.3	ug/L
67-72-1	Hexachloroethane	10.2	U	10.2	40.4	50.5	ug/L
98-95-3	Nitrobenzene	12.8	U	12.8	40.4	50.5	ug/L
78-59-1	Isophorone	11.5	U	11.5	40.4	50.5	ug/L
88-75-5	2-Nitrophenol	19.8	U	19.8	40.4	50.5	ug/L
105-67-9	2,4-Dimethylphenol	15.3	U	15.3	40.4	50.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.3	U	10.3	40.4	50.5	ug/L
120-83-2	2,4-Dichlorophenol	8.9	U	8.9	40.4	50.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	11.1	U	11.1	40.4	50.5	ug/L
65-85-0	Benzoic acid	55.3	U	55.3	80.8	100	ug/L
91-20-3	Naphthalene	700	D	10.3	40.4	50.5	ug/L
106-47-8	4-Chloroaniline	13.1	U	13.1	40.4	50.5	ug/L
87-68-3	Hexachlorobutadiene	12.8	U	12.8	40.4	50.5	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625DL2	SDG No.:	BF070324
Lab Sample ID:	P3073-02DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138456.D	10	6/28/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.7	U	16.7	80.8	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.5	U	8.5	40.4	50.5	ug/L
91-57-6	2-Methylnaphthalene	94.5	D	11.4	40.4	50.5	ug/L
77-47-4	Hexachlorocyclopentadiene	50.7	U	50.7	80.8	100	ug/L
88-06-2	2,4,6-Trichlorophenol	9	U	9	40.4	50.5	ug/L
95-95-4	2,4,5-Trichlorophenol	10.2	U	10.2	40.4	50.5	ug/L
92-52-4	1,1-Biphenyl	51.3	D	9.2	40.4	50.5	ug/L
91-58-7	2-Chloronaphthalene	9.8	U	9.8	40.4	50.5	ug/L
88-74-4	2-Nitroaniline	14.2	U	14.2	40.4	50.5	ug/L
131-11-3	Dimethylphthalate	9.4	U	9.4	40.4	50.5	ug/L
208-96-8	Acenaphthylene	10.5	U	10.5	40.4	50.5	ug/L
606-20-2	2,6-Dinitrotoluene	12.5	U	12.5	40.4	50.5	ug/L
99-09-2	3-Nitroaniline	13.8	U	13.8	40.4	50.5	ug/L
83-32-9	Acenaphthene	71.4	D	8.2	40.4	50.5	ug/L
Total PAH	Total PAH	846	D	174.6	40.4	808	ug/L
51-28-5	2,4-Dinitrophenol	64.8	U	64.8	80.8	100	ug/L
100-02-7	4-Nitrophenol	20.2	U	20.2	80.8	100	ug/L
132-64-9	Dibenzofuran	9.4	U	9.4	40.4	50.5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.9	U	27.9	40.4	101	ug/L
121-14-2	2,4-Dinitrotoluene	15.4	U	15.4	40.4	50.5	ug/L
84-66-2	Diethylphthalate	10.5	U	10.5	40.4	50.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.9	U	9.9	40.4	50.5	ug/L
86-73-7	Fluorene	26.4	JD	9.7	40.4	50.5	ug/L
100-01-6	4-Nitroaniline	20.6	U	20.6	40.4	50.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	80.8	100	ug/L
86-30-6	n-Nitrosodiphenylamine	9	U	9	40.4	50.5	ug/L
103-33-3	Azobenzene	12.1	U	12.1	40.4	50.5	ug/L
101-55-3	4-Bromophenyl-phenylether	9.6	U	9.6	40.4	50.5	ug/L
118-74-1	Hexachlorobenzene	11.5	U	11.5	40.4	50.5	ug/L
1912-24-9	Atrazine	12.7	U	12.7	40.4	50.5	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625DL2	SDG No.:	BF070324
Lab Sample ID:	P3073-02DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138456.D	10	6/28/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.7	U	18.7	80.8	100	ug/L
85-01-8	Phenanthrene	48.2	JD	9	40.4	50.5	ug/L
120-12-7	Anthracene	10.8	U	10.8	40.4	50.5	ug/L
86-74-8	Carbazole	11.6	U	11.6	40.4	50.5	ug/L
84-74-2	Di-n-butylphthalate	14.8	U	14.8	40.4	50.5	ug/L
206-44-0	Fluoranthene	13	U	13	40.4	50.5	ug/L
92-87-5	Benzidine	41.1	U	41.1	80.8	100	ug/L
129-00-0	Pyrene	10.7	U	10.7	40.4	50.5	ug/L
85-68-7	Butylbenzylphthalate	21.2	U	21.2	40.4	50.5	ug/L
91-94-1	3,3-Dichlorobenzidine	12.9	U	12.9	80.8	100	ug/L
56-55-3	Benzo(a)anthracene	9.5	U	9.5	40.4	50.5	ug/L
218-01-9	Chrysene	8.7	U	8.7	40.4	50.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	19.1	U	19.1	40.4	50.5	ug/L
117-84-0	Di-n-octyl phthalate	25.3	U	25.3	80.8	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.5	U	11.5	40.4	50.5	ug/L
207-08-9	Benzo(k)fluoranthene	12	U	12	40.4	50.5	ug/L
50-32-8	Benzo(a)pyrene	16.9	U	16.9	40.4	50.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	10.3	40.4	50.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.6	U	11.6	40.4	50.5	ug/L
191-24-2	Benzo(g,h,i)perylene	11.9	U	11.9	40.4	50.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U	11	40.4	50.5	ug/L
123-91-1	1,4-Dioxane	12.6	U	12.6	40.4	50.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8	U	8	40.4	50.5	ug/L
90-12-0	1-Methylnaphthalene	350	D	8.7	40.4	50.5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	81.19		10-139		54	SPK: -150
13127-88-3	Phenol-d6	53.68		10-134		36	SPK: -150
4165-60-0	Nitrobenzene-d5	94.3		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	116.74		52-132		117	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	MW12-20240625DL2	SDG No.:	BF070324
Lab Sample ID:	P3073-02DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138456.D	10	6/28/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161809

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.37		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	95.32		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107443	6.875				
1146-65-2	Naphthalene-d8	372851	8.157				
15067-26-2	Acenaphthene-d10	158995	9.904				
1517-22-2	Phenanthrene-d10	264250	11.392				
1719-03-5	Chrysene-d12	195711	14.027				
1520-96-3	Perylene-d12	140163	15.498				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224	SDG No.:	BF070324
Lab Sample ID:	P3148-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138457.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	520	U	520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	630	U	630	850	1100	ug/Kg
108-95-2	Phenol	540	U	540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	850	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	850	1100	ug/Kg
78-59-1	Isophorone	550	U	550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	610	U	610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	850	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1800	2200	ug/Kg
91-20-3	Naphthalene	540	U	540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224	SDG No.:	BF070324
Lab Sample ID:	P3148-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138457.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	540	U	540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	850	1100	ug/Kg
88-74-4	2-Nitroaniline	620	U	620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	850	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	850	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	850	1100	ug/Kg
83-32-9	Acenaphthene	530	U	530	850	1100	ug/Kg
Total PAH	Total PAH	16070	U	8650	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	760	U	760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	550	U	550	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	850	1100	ug/Kg
84-66-2	Diethylphthalate	520	U	520	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	850	1100	ug/Kg
86-73-7	Fluorene	560	U	560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	700	U	700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	760	U	760	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	850	1100	ug/Kg
103-33-3	Azobenzene	520	U	520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	850	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224	SDG No.:	BF070324
Lab Sample ID:	P3148-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138457.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1800	2200	ug/Kg
85-01-8	Phenanthrene	2000		550	850	1100	ug/Kg
120-12-7	Anthracene	550	U	550	850	1100	ug/Kg
86-74-8	Carbazole	520	U	520	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	850	1100	ug/Kg
206-44-0	Fluoranthene	3700		530	850	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	2300		540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	1300		530	850	1100	ug/Kg
218-01-9	Chrysene	1200		520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	630	J	540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1400		610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	840	J	510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		520	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	142.69		18-112		95	SPK: -150
13127-88-3	Phenol-d6	131.79		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	97.5		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	103.83		20-109		104	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224	SDG No.:	BF070324
Lab Sample ID:	P3148-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138457.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.68		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	90.85		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103077	6.875				
1146-65-2	Naphthalene-d8	331704	8.151				
15067-26-2	Acenaphthene-d10	141228	9.904				
1517-22-2	Phenanthrene-d10	255539	11.392				
1719-03-5	Chrysene-d12	161511	14.027				
1520-96-3	Perylene-d12	131186	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.128	
000544-76-3	Hexadecane	520	J			9.304	
000629-62-9	Pentadecane	640	J			9.833	
	unknown10.004	780	J			10.004	
000629-92-5	Nonadecane	580	J			10.333	
000629-78-7	Heptadecane	1100	J			10.804	
000629-50-5	Tridecane	700	J			11.251	
000268-77-9	Naphtho[2,3-b]thiophene	530	J			11.286	
000646-31-1	Tetracosane	650	J			11.68	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	2800	J			11.78	
000832-69-9	Phenanthrene, 1-methyl-	1100	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	750	J			12.004	
000593-49-7	Heptacosane	570	J			12.086	
002566-97-4	9,12-Octadecadienoic acid, methyl	5600	J			12.468	
004764-72-1	15-Octadecenoic acid, methyl ester	9900	J			12.486	
058349-77-2	Anthracene, 9-(2-nitroethenyl)-	520	J			12.698	
002381-21-7	Pyrene, 1-methyl-	500	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	630	J			13.157	
000112-95-8	Eicosane	580	J			13.204	

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224	SDG No.:	BF070324
Lab Sample ID:	P3148-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138457.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
024251-86-3	Dodecane, 5,8-diethyl-	670	J			13.874	

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MS	SDG No.:	BF070324
Lab Sample ID:	P3148-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF138458.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300	J	570	1800	2200	ug/Kg
110-86-1	Pyridine	1100		520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	650	J	630	850	1100	ug/Kg
108-95-2	Phenol	1200		540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	1200		540	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		560	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	1200	J	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	1200		530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		590	850	1100	ug/Kg
98-86-2	Acetophenone	1400		570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	1200	J	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		260	520	520	ug/Kg
67-72-1	Hexachloroethane	830	J	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	1300		590	850	1100	ug/Kg
78-59-1	Isophorone	1300		550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	1100		620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		560	850	1100	ug/Kg
65-85-0	Benzoic acid	1500	J	1500	1800	2200	ug/Kg
91-20-3	Naphthalene	1300		540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	630	J	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1200		540	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MS	SDG No.:	BF070324
Lab Sample ID:	P3148-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138458.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000	J	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	J	510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1200		540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		480	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	1300		570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1200		540	850	1100	ug/Kg
88-74-4	2-Nitroaniline	1300		620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	1300		530	850	1100	ug/Kg
208-96-8	Acenaphthylene	1600		560	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		540	850	1100	ug/Kg
99-09-2	3-Nitroaniline	970	J	580	850	1100	ug/Kg
83-32-9	Acenaphthene	1300		530	850	1100	ug/Kg
Total PAH	Total PAH	38900		8650	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	2600		760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	1400		550	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		1100	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		560	850	1100	ug/Kg
84-66-2	Diethylphthalate	1300		520	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		560	850	1100	ug/Kg
86-73-7	Fluorene	1700		560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	1400		700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300	J	760	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		530	850	1100	ug/Kg
103-33-3	Azobenzene	1200		520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		510	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100		550	850	1100	ug/Kg
1912-24-9	Atrazine	1400		600	850	1100	ug/Kg



Client:				Date Collected:	7/2/2024 12:00:00 AM	
Project:				Date Received:	7/2/2024 12:00:00 AM	
Client Sample ID:	EO-02-070224MS			SDG No.:	BF070324	
Lab Sample ID:	P3148-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.1	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138458.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	J	500	1800	2200	ug/Kg
85-01-8	Phenanthrene	3300		550	850	1100	ug/Kg
120-12-7	Anthracene	1800		550	850	1100	ug/Kg
86-74-8	Carbazole	1600		520	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1400		550	850	1100	ug/Kg
206-44-0	Fluoranthene	5100		530	850	1100	ug/Kg
92-87-5	Benzidine	1800	J	1100	1800	2200	ug/Kg
129-00-0	Pyrene	3600		540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	1600		630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100	J	640	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	2800		530	850	1100	ug/Kg
218-01-9	Chrysene	2400		520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		590	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	J	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2700		610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500		520	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	1000	J	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	1100		540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	150.02		18-112		100	SPK: -150
13127-88-3	Phenol-d6	136.23		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	101.98		18-107		102	SPK: -100
321-60-8	2-Fluorobiphenyl	104.24		20-109		104	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MS	SDG No.:	BF070324
Lab Sample ID:	P3148-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138458.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.35		10-110		99	SPK: -150
1718-51-0	Terphenyl-d14	96.13		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99571	6.875				
1146-65-2	Naphthalene-d8	327234	8.151				
15067-26-2	Acenaphthene-d10	141683	9.904				
1517-22-2	Phenanthrene-d10	262903	11.392				
1719-03-5	Chrysene-d12	147135	14.033				
1520-96-3	Perylene-d12	126154	15.504				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MSD	SDG No.:	BF070324
Lab Sample ID:	P3148-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138459.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300	J	570	1800	2200	ug/Kg
110-86-1	Pyridine	1100		520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	680	J	630	850	1100	ug/Kg
108-95-2	Phenol	1200		540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	1300		540	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		560	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	1200	J	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	1100		530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		590	850	1100	ug/Kg
98-86-2	Acetophenone	1400		570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	1300	J	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		260	520	520	ug/Kg
67-72-1	Hexachloroethane	760	J	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	1300		590	850	1100	ug/Kg
78-59-1	Isophorone	1300		550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	1000	J	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		560	850	1100	ug/Kg
65-85-0	Benzoic acid	1500	J	1500	1800	2200	ug/Kg
91-20-3	Naphthalene	1300		540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	730	J	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1200		540	850	1100	ug/Kg



Client:			Date Collected:	7/2/2024 12:00:00 AM	
Project:			Date Received:	7/2/2024 12:00:00 AM	
Client Sample ID:	EO-02-070224MSD		SDG No.:	BF070324	
Lab Sample ID:	P3148-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8.1	
Sample Wt/Vol:	50.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138459.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000	J	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1200		540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		480	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	1200		570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1200		540	850	1100	ug/Kg
88-74-4	2-Nitroaniline	1300		620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	1300		530	850	1100	ug/Kg
208-96-8	Acenaphthylene	1600		560	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000	J	540	850	1100	ug/Kg
99-09-2	3-Nitroaniline	1100		580	850	1100	ug/Kg
Total PAH	Total PAH	38300		8650	850	17600	ug/Kg
83-32-9	Acenaphthene	1300		530	850	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	2600		760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	1400		550	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100	J	1100	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		560	850	1100	ug/Kg
84-66-2	Diethylphthalate	1300		520	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		560	850	1100	ug/Kg
86-73-7	Fluorene	1700		560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	1600		700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300	J	760	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		530	850	1100	ug/Kg
103-33-3	Azobenzene	1300		520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		510	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100		550	850	1100	ug/Kg
1912-24-9	Atrazine	1400		600	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MSD	SDG No.:	BF070324
Lab Sample ID:	P3148-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138459.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	J	500	1800	2200	ug/Kg
85-01-8	Phenanthrene	3300		550	850	1100	ug/Kg
120-12-7	Anthracene	1900		550	850	1100	ug/Kg
86-74-8	Carbazole	1700		520	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1400		550	850	1100	ug/Kg
206-44-0	Fluoranthene	5000		530	850	1100	ug/Kg
92-87-5	Benzidine	2600		1100	1800	2200	ug/Kg
129-00-0	Pyrene	3700		540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	1600		630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970	J	640	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	2700		530	850	1100	ug/Kg
218-01-9	Chrysene	2400		520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		590	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	J	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2700		610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		520	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	1000	J	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	1100		540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	149.85		18-112		100	SPK: -150
13127-88-3	Phenol-d6	136		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	101.84		18-107		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.28		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	EO-02-070224MSD	SDG No.:	BF070324
Lab Sample ID:	P3148-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138459.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.1		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	95.49		14-112		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91646	6.875				
1146-65-2	Naphthalene-d8	298477	8.151				
15067-26-2	Acenaphthene-d10	137322	9.91				
1517-22-2	Phenanthrene-d10	258210	11.392				
1719-03-5	Chrysene-d12	135590	14.033				
1520-96-3	Perylene-d12	124783	15.504				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	OK-01-070224	SDG No.:	BF070324
Lab Sample ID:	P3149-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138460.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	510	U	510	830	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	830	1100	ug/Kg
108-95-2	Phenol	530	U	530	830	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	830	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	830	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	830	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	830	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	830	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	830	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	830	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	830	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	830	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	830	1100	ug/Kg
78-59-1	Isophorone	540	U	540	830	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	830	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	830	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	830	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	830	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	830	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	830	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	830	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	830	1100	ug/Kg



Client:			Date Collected:	7/2/2024 12:00:00 AM	
Project:			Date Received:	7/2/2024 12:00:00 AM	
Client Sample ID:	OK-01-070224		SDG No.:	BF070324	
Lab Sample ID:	P3149-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	5.9	
Sample Wt/Vol:	50.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138460.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	830	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	830	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990	U	990	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	830	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	830	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	830	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	830	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	830	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	830	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	830	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	830	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	830	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	830	1100	ug/Kg
Total PAH	Total PAH	8460	U	8460	830	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	830	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	830	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	830	1100	ug/Kg
84-66-2	Diethylphthalate	510	U	510	830	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	830	1100	ug/Kg
86-73-7	Fluorene	540	U	540	830	1100	ug/Kg
100-01-6	4-Nitroaniline	680	U	680	830	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	U	750	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	830	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	830	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	830	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	830	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	830	1100	ug/Kg



Client:			Date Collected:	7/2/2024 12:00:00 AM	
Project:			Date Received:	7/2/2024 12:00:00 AM	
Client Sample ID:	OK-01-070224		SDG No.:	BF070324	
Lab Sample ID:	P3149-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	5.9	
Sample Wt/Vol:	50.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138460.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	540	U	540	830	1100	ug/Kg
120-12-7	Anthracene	540	U	540	830	1100	ug/Kg
86-74-8	Carbazole	510	U	510	830	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	830	1100	ug/Kg
206-44-0	Fluoranthene	520	U	520	830	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	530	U	530	830	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	830	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	510	U	510	830	1100	ug/Kg
218-01-9	Chrysene	510	U	510	830	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	830	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	700	U	700	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	830	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	U	530	830	1100	ug/Kg
50-32-8	Benzo(a)pyrene	590	U	590	830	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	500	U	500	830	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	830	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	U	510	830	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	830	1100	ug/Kg
123-91-1	1,4-Dioxane	700	U	700	830	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	830	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.58		18-112		77	SPK: -150
13127-88-3	Phenol-d6	100.95		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	72.61		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	78.52		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	OK-01-070224	SDG No.:	BF070324
Lab Sample ID:	P3149-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138460.D	10	7/3/2024 12:00:00 AM	7/3/2024 12:00:00 AM	PB161894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.61		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	81.14		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87937	6.875				
1146-65-2	Naphthalene-d8	276039	8.151				
15067-26-2	Acenaphthene-d10	134084	9.904				
1517-22-2	Phenanthrene-d10	259921	11.392				
1719-03-5	Chrysene-d12	131450	14.033				
1520-96-3	Perylene-d12	123329	15.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.128	
000629-92-5	Nonadecane	670	J			12.474	

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW12-20240625DL2								
P3073-02DL2	MW12-20240625DL2	Water	1,1-Biphenyl	51.300	D	9.2	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	1-Methylnaphthalene	350.000	D	8.7	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	2-Methylnaphthalene	94.500	D	11.4	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	Acenaphthene	71.400	D	8.2	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	Fluorene	26.400	JD	9.7	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	Naphthalene	700.000	D	10.3	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	Phenanthrene	48.200	JD	9	50.5	ug/L
P3073-02DL2	MW12-20240625DL2	Water	Total PAH	846.000	D	174.6	808	ug/L
Total Svoc :				2,187.80				
Total Concentration:				2,187.80				
Client ID : RT4259								
P3129-01	RT4259	Solid	(2E,4S,7E)-4-Isopropyl-1,7-dimet *	180.000	J			
P3129-01	RT4259	Solid	1-Hexanol, 2-ethyl- *	260.000	J			
P3129-01	RT4259	Solid	2,5-Cyclohexadiene-1,4-dione, 2,6 *	290.000	J			
P3129-01	RT4259	Solid	2-Pentanone, 4-hydroxy-4-methyl *	170.000	A			
P3129-01	RT4259	Solid	3-Hexadecene, (Z)- *	170.000	J			
P3129-01	RT4259	Solid	Benzene, 1-cyclohexyl-3-methyl- *	85.600	J			
P3129-01	RT4259	Solid	Butane, 2-methoxy-2-methyl- *	1,300.000	J			
P3129-01	RT4259	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	63.700	J			
P3129-01	RT4259	Solid	Tridecane *	100.000	J			
P3129-01	RT4259	Solid	unknown10.169 *	180.000	J			
P3129-01	RT4259	Solid	unknown9.581 *	55.000	J			
P3129-01	RT4259	Solid	unknown9.628 *	180.000	J			
P3129-01	RT4259	Solid	unknown9.816 *	140.000	J			
Total Tics :				3,174.30				
P3129-01	RT4259	Solid	Phenol	80.300	J	50.1	100	ug/Kg
Total Svoc :				80.30				
Total Concentration:				3,254.60				
Client ID : VNJ-238								
P3134-01	VNJ-238	Solid	1,2-Benzenedicarboxylic acid, din *	84.900	J			
P3134-01	VNJ-238	Solid	1,3-Benzenedicarboxylic acid, bis *	520.000	J			
P3134-01	VNJ-238	Solid	1-Heneicosanol *	570.000	J			
P3134-01	VNJ-238	Solid	17-Octadecenal *	170.000	J			
P3134-01	VNJ-238	Solid	2-Pentanone, 4-hydroxy-4-methyl *	250.000	A			
P3134-01	VNJ-238	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P3134-01	VNJ-238	Solid	Di-isononyl phthlate *	89.200	J			

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3134-01	VNJ-238	Solid	Heneicosane	*	190.000	J		
P3134-01	VNJ-238	Solid	Heptadecyl heptafluorobutyrate	*	290.000	J		
P3134-01	VNJ-238	Solid	Hexatriacontyl pentafluoropropior	*	320.000	J		
P3134-01	VNJ-238	Solid	n-Hexadecanoic acid	*	260.000	J		
P3134-01	VNJ-238	Solid	Octacosane	*	290.000	J		
P3134-01	VNJ-238	Solid	Octadecanal	*	120.000	J		
P3134-01	VNJ-238	Solid	Octadecanoic acid	*	110.000	J		
P3134-01	VNJ-238	Solid	Phthalic acid, 2-cyclohexylethyl n	*	55.600	J		
P3134-01	VNJ-238	Solid	Propylene Glycol	*	94.400	J		
P3134-01	VNJ-238	Solid	Safrole	*	530.000	J		
Total Tics :					5,544.10			
P3134-01	VNJ-238	Solid	Benzo(b)fluoranthene		93.900	J 52.4	110	ug/Kg
P3134-01	VNJ-238	Solid	Chrysene		62.300	J 51.4	110	ug/Kg
P3134-01	VNJ-238	Solid	Fluoranthene		120.000	52.8	110	ug/Kg
P3134-01	VNJ-238	Solid	Pyrene		53.600	J 53.6	110	ug/Kg
Total Svoc :					329.80			
Total Concentration:					5,873.90			
Client ID : OK-628-COMP-01								
P3135-01	OK-628-COMP-01	Solid	(4aS,8aS)-8-Isopentyl-4,4,7,8a-tet	*	68.800	J		
P3135-01	OK-628-COMP-01	Solid	.beta.-iso-Methyl ionone	*	110.000	J		
P3135-01	OK-628-COMP-01	Solid	1-Tricosene	*	180.000	J		
P3135-01	OK-628-COMP-01	Solid	13-Docosenamide, (Z)-	*	53.500	J		
P3135-01	OK-628-COMP-01	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3135-01	OK-628-COMP-01	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	50.500	J		
P3135-01	OK-628-COMP-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3135-01	OK-628-COMP-01	Solid	n-Hexadecanoic acid	*	170.000	J		
P3135-01	OK-628-COMP-01	Solid	Octadecanoic acid	*	90.700	J		
P3135-01	OK-628-COMP-01	Solid	unknown3.393	*	59.300	J		
Total Tics :					2,572.80			
Total Concentration:					2,572.80			
Client ID : OK-628-COMP-02								
P3135-07	OK-628-COMP-02	Solid	5-Eicosene, (E)-	*	160.000	J		
P3135-07	OK-628-COMP-02	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3135-07	OK-628-COMP-02	Solid	n-Hexadecanoic acid	*	120.000	J		
P3135-07	OK-628-COMP-02	Solid	Nonadecanamide	*	52.700	J		
P3135-07	OK-628-COMP-02	Solid	Octadecanoic acid	*	61.100	J		
P3135-07	OK-628-COMP-02	Solid	Propane, 2-methyl-2-(1-methyleth	*	190.000	J		
Total Tics :					2,083.80			
Total Concentration:					2,083.80			

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-140-SB00								
P3141-01	B-140-SB00	Solid	1-Docosene	*	210.000	J		
P3141-01	B-140-SB00	Solid	1-Isobutylsulfanylmethyl-2,8,9-tri	*	160.000	J		
P3141-01	B-140-SB00	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	320.000	A		
P3141-01	B-140-SB00	Solid	9-Octadecenamide, (Z)-	*	130.000	J		
P3141-01	B-140-SB00	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P3141-01	B-140-SB00	Solid	Carbonic acid, dodecyl vinyl ester	*	130.000	J		
P3141-01	B-140-SB00	Solid	Cyclohexane, (4-methylpentyl)-	*	190.000	J		
P3141-01	B-140-SB00	Solid	Decane	*	300.000	J		
P3141-01	B-140-SB00	Solid	Decane, 2,6,7-trimethyl-	*	190.000	J		
P3141-01	B-140-SB00	Solid	Dodecane, 2,6,11-trimethyl-	*	130.000	J		
P3141-01	B-140-SB00	Solid	Dodecane, 2-methyl-	*	160.000	J		
P3141-01	B-140-SB00	Solid	Hexadecane	*	1,100.000	J		
P3141-01	B-140-SB00	Solid	n-Hexadecanoic acid	*	590.000	J		
P3141-01	B-140-SB00	Solid	Naphtho[2,3-b]norbornadiene	*	170.000	J		
P3141-01	B-140-SB00	Solid	Nonane, 3-methyl-	*	290.000	J		
P3141-01	B-140-SB00	Solid	Octadecanoic acid	*	200.000	J		
P3141-01	B-140-SB00	Solid	Perylene	*	300.000	J		
P3141-01	B-140-SB00	Solid	Tetradecane	*	670.000	J		
P3141-01	B-140-SB00	Solid	Tridecane, 2-methyl-	*	140.000	J		
P3141-01	B-140-SB00	Solid	Undecane, 2,6-dimethyl-	*	130.000	J		
			Total Tics :		7,810.00			
P3141-01	B-140-SB00	Solid	Anthracene		160.000	J	93.6	ug/Kg
P3141-01	B-140-SB00	Solid	Benzo(a)anthracene		410.000		89.5	ug/Kg
P3141-01	B-140-SB00	Solid	Benzo(a)pyrene		330.000		100	ug/Kg
P3141-01	B-140-SB00	Solid	Benzo(b)fluoranthene		660.000		90	ug/Kg
P3141-01	B-140-SB00	Solid	Benzo(g,h,i)perylene		220.000		88.9	ug/Kg
P3141-01	B-140-SB00	Solid	Benzo(k)fluoranthene		170.000	J	91.6	ug/Kg
P3141-01	B-140-SB00	Solid	Chrysene		530.000		88.2	ug/Kg
P3141-01	B-140-SB00	Solid	Fluoranthene		1,200.000		90.6	ug/Kg
P3141-01	B-140-SB00	Solid	Indeno(1,2,3-cd)pyrene		170.000	J	86.7	ug/Kg
P3141-01	B-140-SB00	Solid	Phenanthrene		760.000		93.2	ug/Kg
P3141-01	B-140-SB00	Solid	Pyrene		610.000		92.1	ug/Kg
			Total Svoc :		5,220.00			
			Total Concentration:		13,030.00			
Client ID : B-140-SB01								
P3141-02	B-140-SB01	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3141-02	B-140-SB01	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	410.000	A		
P3141-02	B-140-SB01	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		
P3141-02	B-140-SB01	Solid	Eicosane	*	190.000	J		

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3141-02	B-140-SB01	Solid	Eicosane, 7-hexyl-	*	240.000	J		
P3141-02	B-140-SB01	Solid	Heptacosane	*	250.000	J		
P3141-02	B-140-SB01	Solid	Heptadecane, 9-octyl-	*	240.000	J		
P3141-02	B-140-SB01	Solid	n-Hexadecanoic acid	*	150.000	J		
P3141-02	B-140-SB01	Solid	Octacosane	*	150.000	J		
P3141-02	B-140-SB01	Solid	Propylene Glycol	*	140.000	J		
P3141-02	B-140-SB01	Solid	Sulfurous acid, butyl tetradecyl e	*	380.000	J		
P3141-02	B-140-SB01	Solid	unknown9.998	*	86.500	J		
			Total Tics :		5,146.50			
P3141-02	B-140-SB01	Solid	Fluoranthene		140.000	J 97.6	200	ug/Kg
			Total Svoc :		140.00			
			Total Concentration:		5,286.50			
Client ID : B-140-SB02								
P3141-03	B-140-SB02	Solid	(S)-(+)-1,2-Propanediol	*	150.000	J		
P3141-03	B-140-SB02	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3141-03	B-140-SB02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	500.000	A		
P3141-03	B-140-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	3,700.000	J		
P3141-03	B-140-SB02	Solid	n-Hexadecanoic acid	*	160.000	J		
P3141-03	B-140-SB02	Solid	Octacosyl heptafluorobutyrate	*	360.000	J		
P3141-03	B-140-SB02	Solid	unknown9.998	*	150.000	J		
			Total Tics :		5,140.00			
			Total Concentration:		5,140.00			
Client ID : B-129-SB01								
P3141-04	B-129-SB01	Solid	(S)-(+)-1,2-Propanediol	*	110.000	J		
P3141-04	B-129-SB01	Solid	1-Phenoxypropan-2-ol	*	95.000	J		
P3141-04	B-129-SB01	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	400.000	A		
P3141-04	B-129-SB01	Solid	Butane, 2-methoxy-2-methyl-	*	2,900.000	J		
P3141-04	B-129-SB01	Solid	Butyl citrate	*	150.000	J		
P3141-04	B-129-SB01	Solid	Hexanedioic acid, bis(2-ethylhexy	*	130.000	J		
P3141-04	B-129-SB01	Solid	n-Hexadecanoic acid	*	150.000	J		
P3141-04	B-129-SB01	Solid	Tricosyl heptafluorobutyrate	*	230.000	J		
P3141-04	B-129-SB01	Solid	unknown9.998	*	97.400	J		
			Total Tics :		4,262.40			
			Total Concentration:		4,262.40			
Client ID : B-129-SB02								
P3141-05	B-129-SB02	Solid	1-Eicosene	*	460.000	J		
P3141-05	B-129-SB02	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3141-05	B-129-SB02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	480.000	A		
P3141-05	B-129-SB02	Solid	5-Butyl-5-ethylheptadecane	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3141-05	B-129-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	3,600.000	J		
P3141-05	B-129-SB02	Solid	Hentriacontane	*	170.000	J		
P3141-05	B-129-SB02	Solid	Heptacosane	*	150.000	J		
P3141-05	B-129-SB02	Solid	Hop-22(29)-en-3.beta.-ol	*	740.000	J		
P3141-05	B-129-SB02	Solid	Isopropyl Alcohol	*	120.000	J		
P3141-05	B-129-SB02	Solid	Lup-20(29)-en-3-one	*	3,000.000	J		
P3141-05	B-129-SB02	Solid	n-Hexadecanoic acid	*	300.000	J		
P3141-05	B-129-SB02	Solid	Octacosane	*	130.000	J		
P3141-05	B-129-SB02	Solid	Octacosane, 2-methyl-	*	140.000	J		
P3141-05	B-129-SB02	Solid	unknown13.557	*	220.000	J		
P3141-05	B-129-SB02	Solid	unknown16.680	*	140.000	J		
Total Tics :					9,920.00			
Total Concentration:					9,920.00			
Client ID : EO-02-070224								
P3148-01	EO-02-070224	Solid	11H-Benzo[b]fluorene	*	630.000	J		
P3148-01	EO-02-070224	Solid	15-Octadecenoic acid, methyl este	*	9,900.000	J		
P3148-01	EO-02-070224	Solid	4H-Cyclopenta[def]phenanthrene	*	750.000	J		
P3148-01	EO-02-070224	Solid	9,12-Octadecadienoic acid, methy	*	5,600.000	J		
P3148-01	EO-02-070224	Solid	Anthracene, 9-(2-nitroethenyl)-	*	520.000	J		
P3148-01	EO-02-070224	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P3148-01	EO-02-070224	Solid	Dodecane, 5,8-diethyl-	*	670.000	J		
P3148-01	EO-02-070224	Solid	Eicosane	*	580.000	J		
P3148-01	EO-02-070224	Solid	Heptacosane	*	570.000	J		
P3148-01	EO-02-070224	Solid	Heptadecane	*	1,100.000	J		
P3148-01	EO-02-070224	Solid	Hexadecane	*	520.000	J		
P3148-01	EO-02-070224	Solid	Naphtho[2,3-b]thiophene	*	530.000	J		
P3148-01	EO-02-070224	Solid	Nonadecane	*	580.000	J		
P3148-01	EO-02-070224	Solid	Pentadecane	*	640.000	J		
P3148-01	EO-02-070224	Solid	Pentadecanoic acid, 14-methyl-, n	*	2,800.000	J		
P3148-01	EO-02-070224	Solid	Phenanthrene, 1-methyl-	*	1,100.000	J		
P3148-01	EO-02-070224	Solid	Pyrene, 1-methyl-	*	500.000	J		
P3148-01	EO-02-070224	Solid	Tetracosane	*	650.000	J		
P3148-01	EO-02-070224	Solid	Tridecane	*	700.000	J		
P3148-01	EO-02-070224	Solid	unknown10.004	*	780.000	J		
Total Tics :					31,420.00			
P3148-01	EO-02-070224	Solid	Benzo(a)anthracene		1,300.000	530	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Benzo(a)pyrene		1,400.000	610	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Benzo(b)fluoranthene		1,600.000	530	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Benzo(g,h,i)perylene		1,100.000	520	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Benzo(k)fluoranthene		630.000	J 540	1100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF070324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3148-01	EO-02-070224	Solid	Chrysene	1,200.000		520	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Fluoranthene	3,700.000		530	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Indeno(1,2,3-cd)pyrene	840.000	J	510	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Phenanthrene	2,000.000		550	1100	ug/Kg
P3148-01	EO-02-070224	Solid	Pyrene	2,300.000		540	1100	ug/Kg
Total Svoc :						16,070.00		
Total Concentration:						47,490.00		
Client ID : OK-01-070224								
P3149-01	OK-01-070224	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3149-01	OK-01-070224	Solid	Nonadecane	*	670.000	J		
Total Tics :						2,770.00		
Total Concentration:						2,770.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF062824 SAS No.: BF062824 SDG No.: BF062824
Instrument ID: _____ Calibration Date(s): 6/28/2024 : _____
Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.837	0.867	0.885	0.866	0.823	0.846	3.3
Pyridine		1.341	1.327	1.393	1.390	1.329	1.356	2.1
2-Fluorophenol		1.348	1.330	1.319	1.198	1.111	1.206	10.5
Benzaldehyde			1.192	1.128	0.958	0.876	1.003	14.9
Aniline		1.713	1.682	1.691	1.564	1.511	1.586	7.0
Phenol-d6		1.841	1.792	1.736	1.600	1.506	1.625	10.3
Phenol		1.953	1.909	1.867	1.696	1.591	1.731	10.2
bis(2-Chloroethyl)ether		1.505	1.430	1.456	1.352	1.285	1.360	8.0
2-Chlorophenol		1.464	1.409	1.406	1.280	1.205	1.295	10.4
1,2-Dichlorobenzene		1.623	1.538	1.528	1.347	1.252	1.373	14.2
1,3-Dichlorobenzene		1.688	1.631	1.587	1.478	1.371	1.483	10.6
1,4-Dichlorobenzene		1.711	1.639	1.604	1.460	1.372	1.487	11.3
Benzyl Alcohol		1.306	1.239	1.266	1.175	1.094	1.164	9.8
2-Methylphenol		1.176	1.156	1.134	1.062	1.005	1.073	7.8
2,2-oxybis(1-Chloropropane)		3.061	2.979	2.978	2.719	2.568	2.743	9.9
Acetophenone		0.535	0.502	0.484	0.437	0.411	0.454	11.8
3+4-Methylphenols			1.484	1.416	1.255	1.153	1.247	13.9
n-Nitroso-di-n-propylamine	1.103	1.139	1.109	1.073	0.998	0.933	1.024	9.0
Nitrobenzene-d5		0.410	0.403	0.405	0.383	0.367	0.385	5.5
Hexachloroethane		0.580	0.574	0.568	0.543	0.508	0.536	7.7
Nitrobenzene		0.421	0.412	0.414	0.389	0.377	0.392	6.4
Isophorone		0.772	0.752	0.739	0.693	0.666	0.710	6.2
2-Nitrophenol		0.147	0.165	0.178	0.176	0.171	0.169	6.3
2,4-Dimethylphenol		0.228	0.226	0.229	0.215	0.205	0.216	5.5
bis(2-Chloroethoxy)methane		0.478	0.456	0.453	0.420	0.398	0.427	8.3
2,4-Dichlorophenol		0.297	0.299	0.298	0.278	0.262	0.278	7.5
1,2,4-Trichlorobenzene		0.366	0.352	0.345	0.318	0.298	0.323	9.9
Benzoic acid			0.128	0.169	0.189	0.199	0.183	16.5
Naphthalene		1.168	1.123	1.095	0.991	0.921	1.011	11.8
4-Chloroaniline		0.396	0.370	0.377	0.345	0.332	0.353	8.3
Hexachlorobutadiene		0.221	0.213	0.207	0.191	0.182	0.194	10.6
Caprolactam		0.091	0.091	0.093	0.087	0.082	0.088	4.6
4-Chloro-3-methylphenol		0.324	0.317	0.318	0.288	0.277	0.296	7.9
2-Methylnaphthalene		0.771	0.735	0.716	0.632	0.591	0.653	13.3
Hexachlorocyclopentadiene			0.118	0.161	0.173	0.176	0.163	14.2
2,4,6-Trichlorophenol		0.364	0.360	0.382	0.356	0.340	0.352	5.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF062824 SAS No.: BF062824 SDG No.: BF062824
Instrument ID: _____ Calibration Date(s): 6/28/2024 : _____
Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.490	1.411	1.203	1.108	1.257	14.7
2,4,5-Trichlorophenol		0.404	0.405	0.410	0.385	0.367	0.383	6.6
1,1-Biphenyl		1.747	1.657	1.642	1.465	1.358	1.493	12.8
2-Chloronaphthalene		1.297	1.231	1.240	1.114	1.056	1.139	10.4
2-Nitroaniline		0.349	0.370	0.392	0.369	0.363	0.367	4.3
Dimethylphthalate		1.445	1.364	1.396	1.241	1.184	1.285	8.9
Acenaphthylene		1.863	1.765	1.759	1.556	1.474	1.601	12.4
2,6-Dinitrotoluene		0.289	0.305	0.316	0.287	0.279	0.288	6.1
3-Nitroaniline		0.288	0.295	0.308	0.283	0.276	0.284	5.3
Acenaphthene		1.224	1.187	1.192	1.077	1.014	1.096	9.6
2,4-Dinitrophenol			0.037	0.074	0.098	0.109	0.094	35.2
4-Nitrophenol			0.152	0.188	0.191	0.188	0.184	8.8
Dibenzofuran		1.790	1.675	1.678	1.468	1.368	1.511	13.6
2,4-Dinitrotoluene		0.334	0.360	0.394	0.366	0.349	0.354	6.4
Diethylphthalate		1.372	1.306	1.318	1.168	1.110	1.202	10.9
4-Chlorophenyl-phenylether		0.695	0.675	0.663	0.565	0.530	0.609	12.7
Fluorene		1.406	1.337	1.284	1.104	1.050	1.200	13.5
4-Nitroaniline		0.243	0.259	0.287	0.265	0.260	0.261	5.6
4,6-Dinitro-2-methylphenol			0.057	0.083	0.100	0.108	0.096	23.1
n-Nitrosodiphenylamine		0.711	0.694	0.661	0.599	0.570	0.621	10.9
Azobenzene		1.404	1.383	1.373	1.248	1.187	1.269	9.3
2,4,6-Tribromophenol		0.172	0.176	0.181	0.163	0.153	0.163	8.3
4-Bromophenyl-phenylether		0.241	0.239	0.229	0.209	0.202	0.215	10.0
Hexachlorobenzene		0.281	0.258	0.250	0.228	0.219	0.237	11.4
Atrazine		0.202	0.196	0.191	0.182	0.156	0.174	14.2
Pentachlorophenol			0.091	0.119	0.128	0.127	0.120	12.4
Phenanthrene		1.118	1.068	1.063	0.954	0.911	0.976	11.2
Anthracene		1.105	1.075	1.057	0.954	0.906	0.974	11.0
Carbazole		0.884	0.861	0.896	0.804	0.765	0.808	9.6
Di-n-butylphthalate		1.084	1.101	1.123	1.023	0.979	1.025	8.3
Fluoranthene		0.957	0.947	0.975	0.880	0.820	0.875	10.4
Benzidine		0.264	0.132	0.193	0.032	0.203	0.160	52.9
Pyrene		2.334	2.327	2.350	2.137	1.995	2.138	9.9
Terphenyl-d14			1.716	1.680	1.492	1.339	1.459	14.3
Butylbenzylphthalate		0.577	0.639	0.732	0.685	0.656	0.650	8.1
3,3-Dichlorobenzidine		0.399	0.394	0.400	0.355	0.374	0.380	5.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF062824 SAS No.: BF062824 SDG No.: BF062824
Instrument ID: _____ Calibration Date(s): 6/28/2024 : _____
Calibration Time(s): 13:01 _____

LAB FILE ID:		RRF2.5 = BF138384.D			RRF005 = BF138385.D		RRF010 = BF138386.D	
		RRF020 = BF138387.D			RRF040 = BF138388.D		RRF050 = BF138389.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.388	1.347	1.347	1.271	1.239	1.287	6.0
Chrysene		1.377	1.289	1.324	1.218	1.200	1.253	6.3
Bis(2-ethylhexyl)phthalate		0.797	0.817	0.882	0.835	0.804	0.816	4.8
Di-n-octyl phthalate		1.425	1.426	1.477	1.412	1.420	1.428	1.9
Benzo(b)fluoranthene		1.198	1.123	1.211	1.045	1.067	1.097	7.4
Benzo(k)fluoranthene		1.095	1.089	1.034	1.013	0.933	1.011	6.9
Benzo(a)pyrene		1.007	1.005	1.007	0.943	0.923	0.962	4.4
Indeno(1,2,3-cd)pyrene		0.919	0.922	1.034	1.041	1.024	1.005	5.8
Dibenzo(a,h)anthracene		0.722	0.748	0.839	0.857	0.819	0.811	6.8
Benzo(g,h,i)perylene		0.728	0.729	0.795	0.831	0.810	0.794	5.9
1,2,4,5-Tetrachlorobenzene		0.633	0.608	0.597	0.541	0.513	0.553	11.0
1,4-Dioxane		0.584	0.602	0.607	0.570	0.540	0.568	5.4
2,3,4,6-Tetrachlorophenol		0.276	0.295	0.315	0.290	0.276	0.284	6.0
1-Methylnaphthalene		0.749	0.722	0.684	0.617	0.573	0.634	13.5

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.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 11:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	168343	6.875	678290	8.16	367582	9.92
UPPER LIMIT	336686	7.375	1356580	8.657	735164	10.416
LOWER LIMIT	84171.5	6.375	339145	7.657	183791	9.416
EPA SAMPLE NO.						
01 PB161852BL	203611	6.87	839678	8.15	467779	9.90
02 PB161852BS	238231	6.88	1.01891e	8.16	562511	9.92
03 PB161624BS	237577	6.88	1.02465e	8.16	561382	9.92
04 PB161765BS	238524	6.88	1.02084e	8.16	571266	9.92
05 B-129-SB02	153918	6.87	579736	8.15	285842	9.90
06 B-140-SB02	144743	6.87	559806	8.15	314422	9.90
07 B-129-SB01	146397	6.87	548396	8.15	311622	9.90
08 327	127418	6.87	506817	8.15	307124	9.90
09 B-140-SB01	140566	6.87	463996	8.15	240476	9.90
10 RT4259	110440	6.87	386371	8.15	145381 *	9.90
11 VNJ-238	116437	6.87	444782	8.15	212829	9.90
12 VNJ-238MS	125393	6.88	473065	8.16	228852	9.91
13 VNJ-238MSD	120631	6.88	461689	8.16	216228	9.91
14 B-140-SB00	119548	6.87	447003	8.15	202910	9.90
15 OK-628-COMP-01	110931	6.87	403185	8.15	168784 *	9.90
16 OK-628-COMP-02	111463	6.87	397681	8.15	162348 *	9.90
17 VNJ-231	106041	6.88	361514	8.15	144824 *	9.90
18 MW12-20240625DL2	107443	6.88	372851	8.16	158995 *	9.90
19 EO-02-070224	103077	6.88	331704 *	8.15	141228 *	9.90
20 EO-02-070224MS	99571	6.88	327234 *	8.15	141683 *	9.90
21 EO-02-070224MSD	91646	6.88	298477 *	8.15	137322 *	9.91
22 OK-01-070224	87937	6.88	276039 *	8.15	134084 *	9.90



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 22:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	168343	6.875	678290	8.16	367582	9.92
UPPER LIMIT	336686	7.375	1356580	8.657	735164	10.416
LOWER LIMIT	84171.5	6.375	339145	7.657	183791	9.416
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.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDCCC040

Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138438.D

Time Analyzed: 11:28

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	185883	6.875	746513	8.16	413343	9.91
	UPPER LIMIT	371766	7.375	1493026	8.657	826686	10.41
	LOWER LIMIT	92941.5	6.375	373256.5	7.657	206671.5	9.41
	EPA SAMPLE NO.						
01	PB161852BL	203611	6.87	839678	8.15	467779	9.90
02	PB161852BS	238231	6.88	1.01891e	8.16	562511	9.92
03	PB161624BS	237577	6.88	1.02465e	8.16	561382	9.92
04	PB161765BS	238524	6.88	1.02084e	8.16	571266	9.92
05	B-129-SB02	153918	6.87	579736	8.15	285842	9.90
06	B-140-SB02	144743	6.87	559806	8.15	314422	9.90
07	B-129-SB01	146397	6.87	548396	8.15	311622	9.90
08	327	127418	6.87	506817	8.15	307124	9.90
09	B-140-SB01	140566	6.87	463996	8.15	240476	9.90
10	RT4259	110440	6.87	386371	8.15	145381 *	9.90
11	VNJ-238	116437	6.87	444782	8.15	212829	9.90
12	VNJ-238MS	125393	6.88	473065	8.16	228852	9.91
13	VNJ-238MSD	120631	6.88	461689	8.16	216228	9.91
14	B-140-SB00	119548	6.87	447003	8.15	202910 *	9.90
15	OK-628-COMP-01	110931	6.87	403185	8.15	168784 *	9.90
16	OK-628-COMP-02	111463	6.87	397681	8.15	162348 *	9.90
17	VNJ-231	106041	6.88	361514 *	8.15	144824 *	9.90
18	MW12-20240625DL2	107443	6.88	372851 *	8.16	158995 *	9.90
19	EO-02-070224	103077	6.88	331704 *	8.15	141228 *	9.90
20	EO-02-070224MS	99571	6.88	327234 *	8.15	141683 *	9.90
21	EO-02-070224MSD	91646 *	6.88	298477 *	8.15	137322 *	9.91
22	OK-01-070224	87937 *	6.88	276039 *	8.15	134084 *	9.90



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138438.D Time Analyzed: 22:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	185883	6.875	746513	8.16	413343	9.91
UPPER LIMIT	371766	7.375	1493026	8.657	826686	10.41
LOWER LIMIT	92941.5	6.375	373256.5	7.657	206671.5	9.41
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 11:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	587988	11.398	233783	14.027	292128	15.492
	UPPER LIMIT	1175976	11.898	467566	14.527	584256	15.992
	LOWER LIMIT	293994	10.898	116891.5	13.527	146064	14.992
	EPA SAMPLE NO.						
01	PB161852BL	789035	11.39	350780	14.03	316335	15.49
02	PB161852BS	940383	11.40	407442	14.03	487735	15.50
03	PB161624BS	928659	11.40	403387	14.03	480526	15.50
04	PB161765BS	960000	11.40	422344	14.03	473572	15.50
05	B-129-SB02	401581	11.39	277184	14.03	252473	15.49
06	B-140-SB02	446294	11.39	284436	14.03	251802	15.49
07	B-129-SB01	440682	11.39	282404	14.03	251299	15.49
08	327	445148	11.39	278105	14.03	246653	15.49
09	B-140-SB01	330929	11.39	201067	14.03	178265	15.49
10	RT4259	175336 *	11.40	147349	14.05	119492 *	15.52
11	VNJ-238	275425 *	11.39	208844	14.03	173656	15.49
12	VNJ-238MS	294704	11.39	212342	14.03	171098	15.50
13	VNJ-238MSD	281878 *	11.39	207954	14.03	162347	15.50
14	B-140-SB00	266538 *	11.39	218487	14.03	172309	15.50
15	OK-628-COMP-01	240144 *	11.39	191128	14.03	135405 *	15.50
16	OK-628-COMP-02	258970 *	11.39	183116	14.03	133376 *	15.50
17	VNJ-231	250925 *	11.39	173589	14.03	134920 *	15.50
18	MW12-20240625DL2	264250 *	11.39	195711	14.03	140163 *	15.50
19	EO-02-070224	255539 *	11.39	161511	14.03	131186 *	15.50
20	EO-02-070224MS	262903 *	11.39	147135	14.03	126154 *	15.50
21	EO-02-070224MSD	258210 *	11.39	135590	14.03	124783 *	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138388.D Time Analyzed: 22:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	587988	11.398	233783	14.027	292128	15.492
UPPER LIMIT	1175976	11.898	467566	14.527	584256	15.992
LOWER LIMIT	293994	10.898	116891.5	13.527	146064	14.992
EPA SAMPLE NO.						
22 OK-01-070224	259921 *	11.39	131450	14.03	123329 *	15.50

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.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138438.D Time Analyzed: 11:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	685859	11.392	287245	14.027	361414	15.498
	UPPER LIMIT	1371718	11.892	574490	14.527	722828	15.998
	LOWER LIMIT	342929.5	10.892	143622.5	13.527	180707	14.998
	EPA SAMPLE NO.						
01	PB161852BL	789035	11.39	350780	14.03	316335	15.49
02	PB161852BS	940383	11.40	407442	14.03	487735	15.50
03	PB161624BS	928659	11.40	403387	14.03	480526	15.50
04	PB161765BS	960000	11.40	422344	14.03	473572	15.50
05	B-129-SB02	401581	11.39	277184	14.03	252473	15.49
06	B-140-SB02	446294	11.39	284436	14.03	251802	15.49
07	B-129-SB01	440682	11.39	282404	14.03	251299	15.49
08	327	445148	11.39	278105	14.03	246653	15.49
09	B-140-SB01	330929 *	11.39	201067	14.03	178265 *	15.49
10	RT4259	175336 *	11.40	147349	14.05	119492 *	15.52
11	VNJ-238	275425 *	11.39	208844	14.03	173656 *	15.49
12	VNJ-238MS	294704 *	11.39	212342	14.03	171098 *	15.50
13	VNJ-238MSD	281878 *	11.39	207954	14.03	162347 *	15.50
14	B-140-SB00	266538 *	11.39	218487	14.03	172309 *	15.50
15	OK-628-COMP-01	240144 *	11.39	191128	14.03	135405 *	15.50
16	OK-628-COMP-02	258970 *	11.39	183116	14.03	133376 *	15.50
17	VNJ-231	250925 *	11.39	173589	14.03	134920 *	15.50
18	MW12-20240625DL2	264250 *	11.39	195711	14.03	140163 *	15.50
19	EO-02-070224	255539 *	11.39	161511	14.03	131186 *	15.50
20	EO-02-070224MS	262903 *	11.39	147135	14.03	126154 *	15.50
21	EO-02-070224MSD	258210 *	11.39	135590 *	14.03	124783 *	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF070324 SAS No.: BF070324 SDG NO.: BF070324

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 3 2024 12:00AM

Lab File ID: BF138438.D Time Analyzed: 22:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	685859	11.392	287245	14.027	361414	15.498
UPPER LIMIT	1371718	11.892	574490	14.527	722828	15.998
LOWER LIMIT	342929.5	10.892	143622.5	13.527	180707	14.998
EPA SAMPLE NO.						
22 OK-01-070224	259921 *	11.39	131450 *	14.03	123329 *	15.50

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161624BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	870	ug/Kg	51				10	147	
	Aniline	1700	960	ug/Kg	56				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	840	ug/Kg	49				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23800	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161624BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	2900	ug/Kg	85				60	106		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1200	ug/Kg	71				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				55	99		
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98		
	Atrazine	1700	1500	ug/Kg	88				67	113		
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	640	ug/Kg	19				10	98		
	Pyrene	1700	1300	ug/Kg	76				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101		
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161765BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	860	ug/Kg	51				10	147	
	Aniline	1700	950	ug/Kg	56				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	890	ug/Kg	52				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24200	ug/Kg	89				57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161765BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2900	ug/Kg	85				60	106	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				55	99	
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	680	ug/Kg	21				10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161852BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	870	ug/Kg	51				10	147	
	Aniline	1700	980	ug/Kg	58				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	840	ug/Kg	49				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23900	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161852BS	4-Nitrophenol	3300	3400	ug/Kg	103				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	2900	ug/Kg	85				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1200	ug/Kg	71				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				55	99		
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98		
	Atrazine	1700	1500	ug/Kg	88				67	113		
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	430	ug/Kg	13				10	98		
	Pyrene	1700	1300	ug/Kg	76				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101		
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161624BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070324

SAS No.: BF070324 SDG NO.: BF070324

Lab File ID: BF138441.D

Lab Sample ID: PB161624BS

Instrument ID: BNA_F

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 12:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161624BS	PB161624BS	BF138441.D	07/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161765BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070324

SAS No.: BF070324 SDG NO.: BF070324

Lab File ID: BF138442.D

Lab Sample ID: PB161765BS

Instrument ID: BNA_F

Date Extracted: 06/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 13:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161765BS	PB161765BS	BF138442.D	07/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161852BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070324

SAS No.: BF070324 SDG NO.: BF070324

Lab File ID: BF138439.D

Lab Sample ID: PB161852BL

Instrument ID: BNA_F

Date Extracted: 07/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 11:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161852BS	PB161852BS	BF138440.D	07/03/2024
B-129-SB02	P3141-05	BF138443.D	07/03/2024
B-140-SB02	P3141-03	BF138444.D	07/03/2024
B-129-SB01	P3141-04	BF138445.D	07/03/2024
327	P3142-03	BF138446.D	07/03/2024
B-140-SB01	P3141-02	BF138447.D	07/03/2024
RT4259	P3129-01	BF138448.D	07/03/2024
VNJ-238	P3134-01	BF138449.D	07/03/2024
VNJ-238MS	P3134-01MS	BF138450.D	07/03/2024
VNJ-238MSD	P3134-01MSD	BF138451.D	07/03/2024
B-140-SB00	P3141-01	BF138452.D	07/03/2024
OK-628-COMP-01	P3135-01	BF138453.D	07/03/2024
OK-628-COMP-02	P3135-07	BF138454.D	07/03/2024
VNJ-231	P3142-01	BF138455.D	07/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EO-02-070224

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF070324

SAS No.: BF070324 SDG NO.: BF070324

Lab File ID: BF138457.D

Lab Sample ID: P3148-01

Instrument ID: BNA_F

Date Extracted: 07/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/03/2024

Level: (low/med) LOW

Time Analyzed: 20:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-02-070224	P3148-01	BF138457.D	07/03/2024
EO-02-070224MS	P3148-01MS	BF138458.D	07/03/2024
EO-02-070224MSD	P3148-01MSD	BF138459.D	07/03/2024
OK-01-070224	P3149-01	BF138460.D	07/03/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3148-01MS		Client Sample ID: EO-02-070224MS		DataFile: BF138458.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100			ug/Kg	0	*			26	163	
Aniline	1100		650	ug/Kg	59				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				74	116	
2-Chlorophenol	1100		1200	ug/Kg	109				61	138	
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*			61	105	
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*			62	101	
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*			63	104	
Benzyl Alcohol	1100		1200	ug/Kg	109				47	126	
2-Methylphenol	1100		1200	ug/Kg	109				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				52	115	
Acetophenone	1100		1400	ug/Kg	127	*			75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109				53	132	
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109				59	119	
Hexachloroethane	1100		830	ug/Kg	75				65	117	
Nitrobenzene	1100		1300	ug/Kg	118				70	119	
Isophorone	1100		1300	ug/Kg	118				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				83	144	
bis(2-Chloroethoxy)methane	1100		1300	ug/Kg	118	*			68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*			57	103	
Benzoic acid	1100		1500	ug/Kg	136	*			50	104	
Naphthalene	1100		1300	ug/Kg	118	*			72	110	
4-Chloroaniline	1100		630	ug/Kg	57				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1200	ug/Kg	109				59	123	
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1300	ug/Kg	118	*			75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1600	ug/Kg	145	*			79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		970	ug/Kg	88				20	111	
Acenaphthene	1100		1300	ug/Kg	118				70	121	
Total PAH	17600	16070	38900	ug/Kg	221	*			70	121	
2,4-Dinitrophenol	2200			ug/Kg	0	*			16	160	
4-Nitrophenol	2200		2600	ug/Kg	118				45	133	
Dibenzofuran	1100		1400	ug/Kg	127	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1300	ug/Kg	118	*			70	112	
4-Chlorophenyl-phenylether	1100		1300	ug/Kg	118	*			71	108	
Fluorene	1100		1700	ug/Kg	155	*			68	116	
4-Nitroaniline	1100		1400	ug/Kg	127	*			55	120	
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118				32	145	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2200		2100	ug/Kg	95				47	128	
Phenanthrene	1100	2000	3300	ug/Kg	118	*			72	113	
Anthracene	1100	0	1800	ug/Kg	164	*			62	124	
Carbazole	1100		1600	ug/Kg	145	*			59	119	
Di-n-butylphthalate	1100		1400	ug/Kg	127	*			69	118	
Fluoranthene	1100	3700	5100	ug/Kg	127	*			59	125	
Benzidine	2200		1800	ug/Kg	82				10	119	
Pyrene	1100	2300	3600	ug/Kg	118				52	128	
Butylbenzylphthalate	1100		1600	ug/Kg	145	*			64	126	
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100				10	164	
Benzo(a)anthracene	1100	1300	2800	ug/Kg	136	*			71	114	
Chrysene	1100	1200	2400	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1700	ug/Kg	155	*			66	127	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				71	126	
Benzo(b)fluoranthene	1100	1600	2800	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100	630	2000	ug/Kg	125	*			74	114	
Benzo(a)pyrene	1100	1400	2700	ug/Kg	118				70	142	
Indeno(1,2,3-cd)pyrene	1100	840	2300	ug/Kg	133	*			61	125	
Dibenz(a,h)anthracene	1100		1700	ug/Kg	155	*			67	130	
Benzo(g,h,i)perylene	1100	1100	2500	ug/Kg	127				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3148-01MSD		Client Sample ID: EO-02-070224MSD		DataFile: BF138459.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118		0		66	124	20
Pyridine	1100		1100	ug/Kg	100		0		45	119	20
Benzaldehyde	1100			ug/Kg	0	*			26	163	20
Aniline	1100		680	ug/Kg	62		5		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		74	116	20
2-Chlorophenol	1100		1300	ug/Kg	118		8		61	138	20
1,2-Dichlorobenzene	1100		1300	ug/Kg	118	*	8		61	105	20
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		62	101	20
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		0		52	115	20
Acetophenone	1100		1400	ug/Kg	127	*	0		75	111	20
3+4-Methylphenols	1100		1300	ug/Kg	118		8		53	132	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		0		59	119	20
Hexachloroethane	1100		760	ug/Kg	69		8		65	117	20
Nitrobenzene	1100		1300	ug/Kg	118		0		70	119	20
Isophorone	1100		1300	ug/Kg	118		0		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		9		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		7		83	144	20
bis(2-Chloroethoxy)methane	1100		1300	ug/Kg	118	*	0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*	0		57	103	20
Benzoic acid	1100		1500	ug/Kg	136	*	0		50	104	20
Naphthalene	1100		1300	ug/Kg	118	*	0		72	110	20
4-Chloroaniline	1100		730	ug/Kg	66		15		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		1000	ug/Kg	91		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		9		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		0		59	123	20
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		8		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	0		70	113	20
Acenaphthylene	1100		1600	ug/Kg	145	*	0		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		9		70	125	20
3-Nitroaniline	1100		1100	ug/Kg	100		13		20	111	20
Acenaphthene	1100		1300	ug/Kg	118		0		70	121	20
Total PAH	17600	16070	38300	ug/Kg	218	*	1		70	121	20
2,4-Dinitrophenol	2200			ug/Kg	0	*			16	160	20
4-Nitrophenol	2200		2600	ug/Kg	118		0		45	133	20
Dibenzofuran	1100		1400	ug/Kg	127	*	0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		5		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1300	ug/Kg	118	*	0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	8		71	108	20
Fluorene	1100		1700	ug/Kg	155	*	0		68	116	20
4-Nitroaniline	1100		1600	ug/Kg	145	*	13		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		0		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		9		73	118	20
Azobenzene	1100		1300	ug/Kg	118	*	8		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1400	ug/Kg	127		0		79	127	20
Pentachlorophenol	2200		2000	ug/Kg	91		4		47	128	20
Phenanthrene	1100	2000	3300	ug/Kg	118	*	0		72	113	20
Anthracene	1100	0	1900	ug/Kg	173	*	5		62	124	20
Carbazole	1100		1700	ug/Kg	155	*	7		59	119	20
Di-n-butylphthalate	1100		1400	ug/Kg	127	*	0		69	118	20
Fluoranthene	1100	3700	5000	ug/Kg	118		7		59	125	20
Benzidine	2200		2600	ug/Kg	118		36	*	10	119	20
Pyrene	1100	2300	3700	ug/Kg	127		7		52	128	20
Butylbenzylphthalate	1100		1600	ug/Kg	145	*	0		64	126	20
3,3-Dichlorobenzidine	1100		970	ug/Kg	88		13		10	164	20
Benzo(a)anthracene	1100	1300	2700	ug/Kg	127	*	7		71	114	20
Chrysene	1100	1200	2400	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1700	ug/Kg	155	*	0		66	127	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		0		71	126	20
Benzo(b)fluoranthene	1100	1600	2700	ug/Kg	100		9		67	121	20
Benzo(k)fluoranthene	1100	630	1900	ug/Kg	115	*	8		74	114	20
Benzo(a)pyrene	1100	1400	2700	ug/Kg	118		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	840	2300	ug/Kg	133	*	0		61	125	20
Dibenz(a,h)anthracene	1100		1600	ug/Kg	145	*	7		67	130	20
Benzo(g,h,i)perylene	1100	1100	2200	ug/Kg	100		24	*	53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1000	ug/Kg	91		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118		8		56	133	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3134-01MS		Client Sample ID: VNJ-238MS		DataFile: BF138450.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109				66	124	
Pyridine	1100		980	ug/Kg	89				45	119	
Benzaldehyde	1100		270	ug/Kg	25	*			26	163	
Aniline	1100		460	ug/Kg	42				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1200	ug/Kg	109				47	126	
2-Methylphenol	1100		1000	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				53	132	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		190	ug/Kg	17				10	100	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		960	ug/Kg	87				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2200		2900	ug/Kg	132				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		640	ug/Kg	58				20	111	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600	0	18750	ug/Kg	107				70	121	
2,4-Dinitrophenol	2200		2000	ug/Kg	91				16	160	
4-Nitrophenol	2200		2000	ug/Kg	91				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		970	ug/Kg	88				71	108	
Fluorene	1100		960	ug/Kg	87				68	116	
4-Nitroaniline	1100		930	ug/Kg	85				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				32	145	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1000	ug/Kg	91				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100	0	1200	ug/Kg	109				72	113	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100	120	1400	ug/Kg	116				59	125	
Benzidine	2200		1200	ug/Kg	55				10	119	
Pyrene	1100	53.6	790	ug/Kg	67				52	128	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		550	ug/Kg	50				10	164	
Benzo(a)anthracene	1100	0	1200	ug/Kg	109				71	114	
Chrysene	1100	62.3	1200	ug/Kg	103				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				66	127	
Di-n-octyl phthalate	1100		1400	ug/Kg	127	*			71	126	
Benzo(b)fluoranthene	1100	93.9	1300	ug/Kg	110				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118	*			74	114	
Benzo(a)pyrene	1100	0	1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109				61	125	
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109				67	130	
Benzo(g,h,i)perylene	1100		1200	ug/Kg	109				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		890	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				56	133	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3134-01MSD		Client Sample ID: VNJ-238MSD		DataFile: BF138451.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118		8		66	124	20
Pyridine	1100		1000	ug/Kg	91		2		45	119	20
Benzaldehyde	1100		280	ug/Kg	25	*	0		26	163	20
Aniline	1100		520	ug/Kg	47		11		10	88	20
Phenol	1100		1100	ug/Kg	100		9		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1200	ug/Kg	109		9		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		9		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		9		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		52	115	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1100	ug/Kg	100		0		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		0		83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		9		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		190	ug/Kg	17		0		10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		9		66	114	20
Caprolactam	1100		1000	ug/Kg	91		4		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		9		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		9		59	123	20
Hexachlorocyclopentadiene	2200		3000	ug/Kg	136		3		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		9		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		9		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		690	ug/Kg	63		8		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		0		70	121	20
Total PAH	17600		19520	ug/Kg	111		4		70	121	20
2,4-Dinitrophenol	2200		2100	ug/Kg	95		4		16	160	20
4-Nitrophenol	2200		2100	ug/Kg	95		4		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		3		71	108	20
Fluorene	1100		1000	ug/Kg	91		4		68	116	20
4-Nitroaniline	1100		980	ug/Kg	89		5		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		8		32	145	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		8		73	118	20
Azobenzene	1100		1100	ug/Kg	100		9		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		8		79	127	20
Pentachlorophenol	2200		2400	ug/Kg	109		9		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		72	113	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1200	ug/Kg	109		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1400	ug/Kg	127	*	9		59	125	20
Benzidine	2200		1500	ug/Kg	68		21	*	10	119	20
Pyrene	1100		820	ug/Kg	75		11		52	128	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		630	ug/Kg	57		13		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1200	ug/Kg	109		6		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118		8		66	127	20
Di-n-octyl phthalate	1100		1500	ug/Kg	136	*	7		71	126	20
Benzo(b)fluoranthene	1100		1400	ug/Kg	127	*	14		67	121	20
Benzo(k)fluoranthene	1100		1400	ug/Kg	127	*	7		74	114	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1300	ug/Kg	118		8		61	125	20
Dibenz(a,h)anthracene	1100		1300	ug/Kg	118		8		67	130	20
Benzo(g,h,i)perylene	1100		1300	ug/Kg	118		8		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		940	ug/Kg	85		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		56	133	20
1-Methylnaphthalene	1100		990	ug/Kg	90		2		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161624BS	PB161624BS	BF138441.D	2-Fluorophenol	150	124.49	83		18	112
			Phenol-d6	150	126.17	84		15	107
			Nitrobenzene-d5	100	80.51	81		18	107
			2-Fluorobiphenyl	100	71.00	71		20	109
			2,4,6-Tribromophenol	150	119.38	80		10	110
			Terphenyl-d14	100	72.90	73		14	112



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

Surrogate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161765BS	PB161765BS	BF138442.D	2-Fluorophenol	150	124.48	83		18	112
			Phenol-d6	150	125.15	83		15	107
			Nitrobenzene-d5	100	81.72	82		18	107
			2-Fluorobiphenyl	100	71.14	71		20	109
			2,4,6-Tribromophenol	150	121.92	81		10	110
			Terphenyl-d14	100	76.55	77		14	112



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

Surrogate Summary

SW-846

SDG No.: BF070324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3073-02DL2	MW12-20240625D\BF138456.D		2-Fluorophenol	150	81.19	54		10	139
			Phenol-d6	150	53.68	36		10	134
			Nitrobenzene-d5	100	94.30	94		49	133
			2-Fluorobiphenyl	100	116.74	117		52	132
			2,4,6-Tribromophenol	150	146.37	98		32	145
			Terphenyl-d14	100	95.32	95		36	145

Surrogate Summary

SW-846

SDG No.: **BF070324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3129-01	RT4259	BF138448.D	2-Fluorophenol	150	85.64	57		18	112
			Phenol-d6	150	83.92	56		15	107
			Nitrobenzene-d5	100	63.47	63		18	107
			2-Fluorobiphenyl	100	73.36	73		20	109
			2,4,6-Tribromophenol	150	71.68	48		10	110
			Terphenyl-d14	100	45.99	46		14	112
P3134-01	VNJ-238	BF138449.D	2-Fluorophenol	150	118.11	79		18	112
			Phenol-d6	150	114.65	76		15	107
			Nitrobenzene-d5	100	84.95	85		18	107
			2-Fluorobiphenyl	100	87.10	87		20	109
			2,4,6-Tribromophenol	150	104.52	70		10	110
			Terphenyl-d14	100	55.02	55		14	112
P3134-01MS	VNJ-238MS	BF138450.D	2-Fluorophenol	150	124.91	83		18	112
			Phenol-d6	150	122.22	81		15	107
			Nitrobenzene-d5	100	90.33	90		18	107
			2-Fluorobiphenyl	100	90.40	90		20	109
			2,4,6-Tribromophenol	150	110.29	74		10	110
			Terphenyl-d14	100	61.51	62		14	112
P3134-01MSD	VNJ-238MSD	BF138451.D	2-Fluorophenol	150	129.20	86		18	112
			Phenol-d6	150	126.88	85		15	107
			Nitrobenzene-d5	100	93.22	93		18	107
			2-Fluorobiphenyl	100	95.76	96		20	109
			2,4,6-Tribromophenol	150	116.88	78		10	110
			Terphenyl-d14	100	63.40	63		14	112
P3135-01	OK-628-COMP-01	BF138453.D	2-Fluorophenol	150	96.01	64		18	112
			Phenol-d6	150	90.26	60		15	107
			Nitrobenzene-d5	100	66.47	66		18	107
			2-Fluorobiphenyl	100	74.24	74		20	109
			2,4,6-Tribromophenol	150	85.71	57		10	110
			Terphenyl-d14	100	50.71	51		14	112
P3135-07	OK-628-COMP-02	BF138454.D	2-Fluorophenol	150	96.07	64		18	112
			Phenol-d6	150	90.16	60		15	107
			Nitrobenzene-d5	100	67.15	67		18	107
			2-Fluorobiphenyl	100	74.98	75		20	109
			2,4,6-Tribromophenol	150	91.28	61		10	110
			Terphenyl-d14	100	53.26	53		14	112
P3141-01	B-140-SB00	BF138452.D	2-Fluorophenol	150	98.03	65		18	112
			Phenol-d6	150	94.31	63		15	107
			Nitrobenzene-d5	100	68.25	68		18	107
			2-Fluorobiphenyl	100	68.98	69		20	109
			2,4,6-Tribromophenol	150	84.88	57		10	110
			Terphenyl-d14	100	39.47	39		14	112
P3141-02	B-140-SB01	BF138447.D	2-Fluorophenol	150	104.85	70		18	112
			Phenol-d6	150	103.64	69		15	107
			Nitrobenzene-d5	100	83.58	84		18	107
			2-Fluorobiphenyl	100	80.60	81		20	109
			2,4,6-Tribromophenol	150	91.61	61		10	110
			Terphenyl-d14	100	51.13	51		14	112
P3141-03	B-140-SB02	BF138444.D	2-Fluorophenol	150	111.90	75		18	112

Surrogate Summary

SW-846

SDG No.: **BF070324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3141-03	B-140-SB02	BF138444.D	Phenol-d6	150	101.25	67		15	107
			Nitrobenzene-d5	100	69.52	70		18	107
			2-Fluorobiphenyl	100	66.31	66		20	109
			2,4,6-Tribromophenol	150	89.48	60		10	110
			Terphenyl-d14	100	45.90	46		14	112
P3141-04	B-129-SB01	BF138445.D	2-Fluorophenol	150	110.11	73		18	112
			Phenol-d6	150	96.14	64		15	107
			Nitrobenzene-d5	100	67.69	68		18	107
			2-Fluorobiphenyl	100	65.19	65		20	109
			2,4,6-Tribromophenol	150	89.93	60		10	110
P3141-05	B-129-SB02	BF138443.D	Terphenyl-d14	100	42.78	43		14	112
			2-Fluorophenol	150	97.88	65		18	112
			Phenol-d6	150	93.89	63		15	107
			Nitrobenzene-d5	100	66.25	66		18	107
			2-Fluorobiphenyl	100	65.18	65		20	109
P3142-01	VNJ-231	BF138443.D	2,4,6-Tribromophenol	150	87.10	58		10	110
			Terphenyl-d14	100	41.08	41		14	112
			2-Fluorophenol	150	92.03	61		18	112
			Phenol-d6	150	88.17	59		15	107
			Nitrobenzene-d5	100	69.33	69		18	107
P3142-03	327	BF138446.D	2-Fluorobiphenyl	100	77.72	78		20	109
			2,4,6-Tribromophenol	150	89.48	60		10	110
			Terphenyl-d14	100	59.29	59		14	112
			2-Fluorophenol	150	66.92	45		18	112
			Phenol-d6	150	75.27	50		15	107
PB161852BL	PB161852BL	BF138439.D	Nitrobenzene-d5	100	56.71	57		18	107
			2-Fluorobiphenyl	100	58.52	59		20	109
			2,4,6-Tribromophenol	150	52.70	35		10	110
			Terphenyl-d14	100	41.98	42		14	112
			2-Fluorophenol	150	123.09	82		18	112
PB161852BS	PB161852BS	BF138440.D	Phenol-d6	150	118.98	79		15	107
			Nitrobenzene-d5	100	81.94	82		18	107
			2-Fluorobiphenyl	100	75.05	75		20	109
			2,4,6-Tribromophenol	150	115.96	77		10	110
			Terphenyl-d14	100	72.24	72		14	112
			2-Fluorophenol	150	124.30	83		18	112
			Phenol-d6	150	125.63	84		15	107
			Nitrobenzene-d5	100	81.21	81		18	107
			2-Fluorobiphenyl	100	71.16	71		20	109
			2,4,6-Tribromophenol	150	120.81	81		10	110
			Terphenyl-d14	100	72.66	73		14	112

Surrogate Summary

SW-846

SDG No.: **BF070324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3148-01	EO-02-070224	BF138457.D	2-Fluorophenol	150	142.69	95		18	112
			Phenol-d6	150	131.79	88		15	107
			Nitrobenzene-d5	100	97.50	98		18	107
			2-Fluorobiphenyl	100	103.83	104		20	109
			2,4,6-Tribromophenol	150	143.68	96		10	110
			Terphenyl-d14	100	90.85	91		14	112
P3148-01MS	EO-02-070224MS	BF138458.D	2-Fluorophenol	150	150.02	100		18	112
			Phenol-d6	150	136.23	91		15	107
			Nitrobenzene-d5	100	101.98	102		18	107
			2-Fluorobiphenyl	100	104.24	104		20	109
			2,4,6-Tribromophenol	150	148.35	99		10	110
			Terphenyl-d14	100	96.13	96		14	112
P3148-01MSD	EO-02-070224MSDBF138459.D		2-Fluorophenol	150	149.85	100		18	112
			Phenol-d6	150	136.00	91		15	107
			Nitrobenzene-d5	100	101.84	102		18	107
			2-Fluorobiphenyl	100	98.28	98		20	109
			2,4,6-Tribromophenol	150	156.10	104		10	110
			Terphenyl-d14	100	95.49	95		14	112
P3149-01	OK-01-070224	BF138460.D	2-Fluorophenol	150	115.58	77		18	112
			Phenol-d6	150	100.95	67		15	107
			Nitrobenzene-d5	100	72.61	73		18	107
			2-Fluorobiphenyl	100	78.52	79		20	109
			2,4,6-Tribromophenol	150	111.61	74		10	110
			Terphenyl-d14	100	81.14	81		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070324

Lab Code: CHEM

SAS No.: BF070324

SDG NO.: BF070324

Lab File ID: BF138437.D

DFTPP Injection Date: 07/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.6
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	44.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92
443	15.0 - 24.0% of mass 442	17.6 (19.2) 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
SSTDCCC040	SSTDCCC040	BF138438.D	07/03/2024	10:59
PB161852BL	PB161852BL	BF138439.D	07/03/2024	11:28
PB161852BS	PB161852BS	BF138440.D	07/03/2024	11:57
PB161624BS	PB161624BS	BF138441.D	07/03/2024	12:25
PB161765BS	PB161765BS	BF138442.D	07/03/2024	13:09
B-129-SB02	P3141-05	BF138443.D	07/03/2024	13:46
B-140-SB02	P3141-03	BF138444.D	07/03/2024	14:15
B-129-SB01	P3141-04	BF138445.D	07/03/2024	14:44
327	P3142-03	BF138446.D	07/03/2024	15:13
B-140-SB01	P3141-02	BF138447.D	07/03/2024	15:42
RT4259	P3129-01	BF138448.D	07/03/2024	16:11
VNJ-238	P3134-01	BF138449.D	07/03/2024	16:40
VNJ-238MS	P3134-01MS	BF138450.D	07/03/2024	17:10
VNJ-238MSD	P3134-01MSD	BF138451.D	07/03/2024	17:40
B-140-SB00	P3141-01	BF138452.D	07/03/2024	18:09
OK-628-COMP-01	P3135-01	BF138453.D	07/03/2024	18:38
OK-628-COMP-02	P3135-07	BF138454.D	07/03/2024	19:08
VNJ-231	P3142-01	BF138455.D	07/03/2024	19:37

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF070324

Lab Code: CHEM

SAS No.: BF070324

SDG NO.: BF070324

Lab File ID: BF138437.D

DFTPP Injection Date: 07/03/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.6
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	44.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92
443	15.0 - 24.0% of mass 442	17.6 (19.2) 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
MW12-20240625DL2	P3073-02DL2	BF138456.D	07/03/2024	20:07
EO-02-070224	P3148-01	BF138457.D	07/03/2024	20:36
EO-02-070224MS	P3148-01MS	BF138458.D	07/03/2024	21:05
EO-02-070224MSD	P3148-01MSD	BF138459.D	07/03/2024	21:34
OK-01-070224	P3149-01	BF138460.D	07/03/2024	22:03