

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052824 SAS No.: BF052824 SDG No.: BF052824

Instrument ID: BNA_F Calibration Date/Time: 5/28/2024 1:10:40

Lab File ID: BF138038.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	0.505	0.493		-2.376	
Pyridine	1.144	1.218		6.469	
2-Fluorophenol	1.177	1.176		-0.085	
Benzaldehyde	0.785	0.837		6.624	
Aniline	1.297	1.416		9.175	
Phenol-d6	1.450	1.459		0.621	
Phenol	1.464	1.469		0.342	20.0
bis(2-Chloroethyl) ether	1.124	1.146		1.957	
2-Chlorophenol	1.274	1.270		-0.314	
1,2-Dichlorobenzene	1.393	1.400		0.503	
1,3-Dichlorobenzene	1.474	1.492		1.221	
1,4-Dichlorobenzene	1.480	1.498		1.216	20.0
Benzyl Alcohol	1.005	1.047		4.179	
2-Methylphenol	1.016	1.029		1.28	
2,2-oxybis(1-Chloropropane)	1.382	1.402		1.447	
Acetophenone	0.448	0.450		0.446	
3+4-Methylphenols	1.331	1.351		1.503	
n-Nitroso-di-n-propylamine	0.815	0.830	0.050	1.84	
Nitrobenzene-d5	0.340	0.344		1.176	
Hexachloroethane	0.501	0.504		0.599	
Nitrobenzene	0.345	0.349		1.159	
Isophorone	0.590	0.600		1.695	
2-Nitrophenol	0.173	0.185		6.936	20.0
2,4-Dimethylphenol	0.223	0.224		0.448	
bis(2-Chloroethoxy) methane	0.357	0.362		1.401	
2,4-Dichlorophenol	0.280	0.290		3.571	20.0
1,2,4-Trichlorobenzene	0.313	0.319		1.917	
Benzoic acid	0.189	0.215		13.757	
Naphthalene	1.006	1.015		0.895	
4-Chloroaniline	0.330	0.357		8.182	
Hexachlorobutadiene	0.198	0.202		2.02	20.0
Caprolactam	0.081	0.089		9.877	
4-Chloro-3-methylphenol	0.285	0.297		4.211	20.0
2-Methylnaphthalene	0.646	0.659		2.012	
Hexachlorocyclopentadiene	0.207	0.199	0.050	-3.865	
2,4,6-Trichlorophenol	0.357	0.374		4.762	20.0
2-Fluorobiphenyl	1.298	1.309		0.847	
2,4,5-Trichlorophenol	0.390	0.410		5.128	
1,1-Biphenyl	1.403	1.442		2.78	

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Instrument ID: BNA_F Calibration Date/Time: 5/28/2024 1:10:40

Lab File ID: BF138038.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	1.120	1.161		3.661	
2-Nitroaniline	0.287	0.303		5.575	
Dimethylphthalate	1.254	1.325		5.662	
Acenaphthylene	1.610	1.673		3.913	
2,6-Dinitrotoluene	0.288	0.316		9.722	
3-Nitroaniline	0.281	0.311		10.676	
Acenaphthene	1.064	1.119		5.169	20.0
2,4-Dinitrophenol	0.129	0.143	0.050	10.853	
4-Nitrophenol	0.202	0.218	0.050	7.921	
Dibenzofuran	1.549	1.596		3.034	
2,4-Dinitrotoluene	0.372	0.413		11.022	
Diethylphthalate	1.171	1.268		8.284	
4-Chlorophenyl-phenylether	0.604	0.640		5.96	
Fluorene	1.225	1.289		5.224	
4-Nitroaniline	0.267	0.297		11.236	
4,6-Dinitro-2-methylphenol	0.115	0.129		12.174	
n-Nitrosodiphenylamine	0.613	0.616		0.489	20.0
Azobenzene	1.065	1.114		4.601	
2,4,6-Tribromophenol	0.202	0.225		11.386	
4-Bromophenyl-phenylether	0.219	0.229		4.566	
Hexachlorobenzene	0.242	0.249		2.893	
Atrazine	0.167	0.163		-2.395	
Pentachlorophenol	0.142	0.154		8.451	20.0
Phenanthrene	0.986	0.990		0.406	
Anthracene	0.978	0.997		1.943	
Carbazole	0.893	0.922		3.247	
Di-n-butylphthalate	0.991	1.100		10.999	
Fluoranthene	1.000	1.057		5.7	20.0
Benzidine	0.261	0.419		60.536	
Pyrene	1.749	1.732		-0.972	
Terphenyl-d14	1.357	1.356		-0.074	
Butylbenzylphthalate	0.528	0.607		14.962	
3,3-Dichlorobenzidine	0.351	0.403		14.815	
Benzo(a)anthracene	1.265	1.302		2.925	
Chrysene	1.210	1.228		1.488	
Bis(2-ethylhexyl)phthalate	0.663	0.740		11.614	
Di-n-octyl phthalate	0.896	1.081		20.647	20.0
Benzo(b)fluoranthene	1.158	1.183		2.159	
Benzo(k)fluoranthene	1.138	1.205		5.888	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF052824 SAS No.: BF052824 SDG No.: BF052824
 Instrument ID: BNA_F Calibration Date/Time: 5/28/2024 1:10:40
 Lab File ID: BF138038.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	0.989	1.035		4.651	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.271		-1.089	
Dibenzo(a,h)anthracene	1.062	1.037		-2.354	
Benzo(g,h,i)perylene	1.115	1.055		-5.381	
1,2,4,5-Tetrachlorobenzene	0.544	0.564		3.676	
1,4-Dioxane	0.510	0.496		-2.745	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.329		7.516	
1-Methylnaphthalene	0.635	0.640		0.787	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	5/25/2024 12:00:00 AM	
Project:				Date Received:	5/25/2024 12:00:00 AM	
Client Sample ID:	PB161134BL			SDG No.:	BF052824	
Lab Sample ID:	PB161134BL			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
BF138039.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

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

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	PB161134BL	SDG No.:	BF052824
Lab Sample ID:	PB161134BL	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
BF138039.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	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	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	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	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	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	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg



Client:				Date Collected:	5/25/2024 12:00:00 AM	
Project:				Date Received:	5/25/2024 12:00:00 AM	
Client Sample ID:	PB161134BL			SDG No.:	BF052824	
Lab Sample ID:	PB161134BL			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
BF138039.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	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	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	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	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.396		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.777		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	84.85		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	85.417		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	PB161134BL	SDG No.:	BF052824
Lab Sample ID:	PB161134BL	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
BF138039.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.379		10-110		92	SPK: -150
1718-51-0	Terphenyl-d14	88.998		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137984	7.034				
1146-65-2	Naphthalene-d8	543577	8.316				
15067-26-2	Acenaphthene-d10	304153	10.08				
1517-22-2	Phenanthrene-d10	531939	11.574				
1719-03-5	Chrysene-d12	316458	14.227				
1520-96-3	Perylene-d12	272948	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	4900	J			2.116	
000994-05-8	Butane, 2-methoxy-2-methyl-	67	J			2.463	



Client:				Date Collected:	5/25/2024 12:00:00 AM	
Project:				Date Received:	5/25/2024 12:00:00 AM	
Client Sample ID:	PB161134BS			SDG No.:	BF052824	
Lab Sample ID:	PB161134BS			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
BF138040.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1300		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	1900		180	270	330	ug/Kg
62-53-3	Aniline	1100		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	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		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	1500		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	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	600		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	PB161134BS	SDG No.:	BF052824
Lab Sample ID:	PB161134BS	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
BF138040.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	25400		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		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	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	PB161134BS	SDG No.:	BF052824
Lab Sample ID:	PB161134BS	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
BF138040.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	810		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		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	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.321		18-112		82	SPK: -150
13127-88-3	Phenol-d6	122.827		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	82.962		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.528		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	PB161134BS	SDG No.:	BF052824
Lab Sample ID:	PB161134BS	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
BF138040.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.648		10-110		92	SPK: -150
1718-51-0	Terphenyl-d14	89.002		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153101	7.034				
1146-65-2	Naphthalene-d8	594063	8.322				
15067-26-2	Acenaphthene-d10	337531	10.086				
1517-22-2	Phenanthrene-d10	567544	11.58				
1719-03-5	Chrysene-d12	317139	14.233				
1520-96-3	Perylene-d12	307118	15.798				

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RT1486	SDG No.:	BF052824
Lab Sample ID:	P2612-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF138041.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.9	U	55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.9	U	55.9	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RT1486	SDG No.:	BF052824
Lab Sample ID:	P2612-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF138041.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.2	U	52.2	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.1	U	56.1	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	891.8	U	891.8	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.1	U	78.1	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RT1486	SDG No.:	BF052824
Lab Sample ID:	P2612-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF138041.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	56.5	U	56.5	87.5	110	ug/Kg
120-12-7	Anthracene	56.8	U	56.8	87.5	110	ug/Kg
86-74-8	Carbazole	54	U	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	55	U	55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.9	U	55.9	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.3	U	54.3	87.5	110	ug/Kg
218-01-9	Chrysene	53.5	U	53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.6	U	55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.6	U	62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.6	U	52.6	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.9	U	53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.502		18-112		48	SPK: -150
13127-88-3	Phenol-d6	72.169		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	46.579		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	44.172		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RT1486	SDG No.:	BF052824
Lab Sample ID:	P2612-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF138041.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.478		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	44.051		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138950	7.034				
1146-65-2	Naphthalene-d8	545351	8.316				
15067-26-2	Acenaphthene-d10	301838	10.08				
1517-22-2	Phenanthrene-d10	489217	11.574				
1719-03-5	Chrysene-d12	262132	14.227				
1520-96-3	Perylene-d12	263857	15.798				

Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM		
Project:				Date Received:	5/24/2024 12:00:00 AM		
Client Sample ID:	VNJ-203			SDG No.:	BF052824		
Lab Sample ID:	P2612-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	6.1		
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138042.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.8	U	61.8	83	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.4	U	53.4	83	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.4	U	51.4	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	83	110	ug/Kg
98-86-2	Acetophenone	55.4	U	55.4	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.9	U	50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	53	U	53	83	110	ug/Kg
98-95-3	Nitrobenzene	57.9	U	57.9	83	110	ug/Kg
78-59-1	Isophorone	54	U	54	83	110	ug/Kg
88-75-5	2-Nitrophenol	60.3	U	60.3	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.7	U	54.7	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	83	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	110		52.7	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-203	SDG No.:	BF052824
Lab Sample ID:	P2612-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138042.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.6	U	52.6	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.5	U	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.2	U	47.2	83	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.2	U	53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	60.6	U	60.6	83	110	ug/Kg
131-11-3	Dimethylphthalate	52.1	U	52.1	83	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	56.9	U	56.9	83	110	ug/Kg
83-32-9	Acenaphthene	51.7	U	51.7	83	110	ug/Kg
Total PAH	Total PAH	845.4	U	845.4	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.1	U	108.1	83	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	83	110	ug/Kg
84-66-2	Diethylphthalate	51.1	U	51.1	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	54.6	83	110	ug/Kg
86-73-7	Fluorene	54.6	U	54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	83	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.3	U	50.3	83	110	ug/Kg
118-74-1	Hexachlorobenzene	54.2	U	54.2	83	110	ug/Kg
1912-24-9	Atrazine	58.3	U	58.3	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-203	SDG No.:	BF052824
Lab Sample ID:	P2612-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138042.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.3	U	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	83	110	ug/Kg
120-12-7	Anthracene	53.9	U	53.9	83	110	ug/Kg
86-74-8	Carbazole	51.2	U	51.2	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	83	110	ug/Kg
206-44-0	Fluoranthene	52.1	U	52.1	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	53	U	53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.9	U	62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.5	U	51.5	83	110	ug/Kg
218-01-9	Chrysene	50.7	U	50.7	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.2	U	70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.7	U	51.7	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.3	U	59.3	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.8	U	49.8	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.8	U	51.8	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.1	U	51.1	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	70.2	U	70.2	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.149		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.618		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	49.36		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	51.141		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-203	SDG No.:	BF052824
Lab Sample ID:	P2612-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138042.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.207		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	44.512		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153559	7.034				
1146-65-2	Naphthalene-d8	595469	8.316				
15067-26-2	Acenaphthene-d10	323029	10.08				
1517-22-2	Phenanthrene-d10	497349	11.574				
1719-03-5	Chrysene-d12	287667	14.227				
1520-96-3	Perylene-d12	306770	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	830	J			2.404	
000496-11-7	Indane	64.9	J			7.21	
000057-10-3	n-Hexadecanoic acid	130	J			12.08	
000057-11-4	Octadecanoic acid	62.1	J			12.868	
006222-02-2	Tetradecyl trifluoroacetate	52.7	J			14.08	

Report of Analysis

Client:			Date Collected:	5/24/2024 12:00:00 AM	
Project:			Date Received:	5/24/2024 12:00:00 AM	
Client Sample ID:	72-11933		SDG No.:	BF052824	
Lab Sample ID:	P2612-10		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8.5	
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
BF138043.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.9	U	56.9	180	220	ug/Kg
110-86-1	Pyridine	52.4	U	52.4	85.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.5	U	63.5	85.2	110	ug/Kg
108-95-2	Phenol	54.3	U	54.3	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	54.7	U	54.7	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	54.4	U	54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	52.8	U	52.8	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	59.6	85.2	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.3	U	52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	54.4	U	54.4	85.2	110	ug/Kg
98-95-3	Nitrobenzene	59.5	U	59.5	85.2	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.1	U	61.1	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.2	U	56.2	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.5	U	49.5	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56	U	56	85.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	120		54.1	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.1	U	54.1	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	54.6	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933	SDG No.:	BF052824
Lab Sample ID:	P2612-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02	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
BF138043.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.9	U	56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.8	U	50.8	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.1	U	54.1	85.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.8	U	46.8	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.5	U	48.5	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	54.6	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	62.3	U	62.3	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.2	110	ug/Kg
208-96-8	Acenaphthylene	56.7	U	56.7	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.5	U	54.5	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	58.5	U	58.5	85.2	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.2	110	ug/Kg
Total PAH	Total PAH	868.6	U	868.6	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	180	220	ug/Kg
132-64-9	Dibenzofuran	55.3	U	55.3	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111	U	111	85.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.5	U	56.5	85.2	110	ug/Kg
84-66-2	Diethylphthalate	52.5	U	52.5	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.1	U	56.1	85.2	110	ug/Kg
86-73-7	Fluorene	56	U	56	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	70.1	U	70.1	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.7	U	76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.5	U	53.5	85.2	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.7	U	51.7	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	55.7	U	55.7	85.2	110	ug/Kg
1912-24-9	Atrazine	59.9	U	59.9	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933	SDG No.:	BF052824
Lab Sample ID:	P2612-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02	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
BF138043.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	55.1	U	55.1	85.2	110	ug/Kg
120-12-7	Anthracene	55.3	U	55.3	85.2	110	ug/Kg
86-74-8	Carbazole	52.6	U	52.6	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.2	110	ug/Kg
206-44-0	Fluoranthene	53.6	U	53.6	85.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.4	U	54.4	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.5	U	63.5	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.6	U	64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.9	U	52.9	85.2	110	ug/Kg
218-01-9	Chrysene	52.1	U	52.1	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92.8	J	59.6	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.1	U	72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.2	U	53.2	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.1	U	54.1	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.2	U	51.2	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.2	U	53.2	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.5	U	52.5	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	72.1	U	72.1	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.5	U	54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.78		18-112		62	SPK: -150
13127-88-3	Phenol-d6	93.001		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	61.994		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	57.945		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933	SDG No.:	BF052824
Lab Sample ID:	P2612-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.02	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
BF138043.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.82		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	46.473		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148040	7.034				
1146-65-2	Naphthalene-d8	563344	8.316				
15067-26-2	Acenaphthene-d10	302855	10.081				
1517-22-2	Phenanthrene-d10	443292	11.575				
1719-03-5	Chrysene-d12	277032	14.227				
1520-96-3	Perylene-d12	282681	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	940	J			2.405	
000496-11-7	Indane	110	J			7.21	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	45.2	J			8.204	
000057-10-3	n-Hexadecanoic acid	180	J			12.08	
000057-11-4	Octadecanoic acid	90.2	J			12.869	
000295-65-8	Cyclohexadecane	66	J			14.08	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MS	SDG No.:	BF052824
Lab Sample ID:	P2612-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF138044.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	900		56.8	180	220	ug/Kg
110-86-1	Pyridine	850		52.3	85.1	110	ug/Kg
100-52-7	Benzaldehyde	230		120	180	220	ug/Kg
62-53-3	Aniline	680		63.5	85.1	110	ug/Kg
108-95-2	Phenol	930		54.3	85.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	920		54.8	85.1	110	ug/Kg
95-57-8	2-Chlorophenol	940		54.7	85.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	900		55.4	85.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	870		56.3	85.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	880		56.7	85.1	110	ug/Kg
100-51-6	Benzyl Alcohol	980		54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	930		52.8	85.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		59.5	85.1	110	ug/Kg
98-86-2	Acetophenone	920		56.9	85.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	890		54.4	85.1	110	ug/Kg
98-95-3	Nitrobenzene	860		59.5	85.1	110	ug/Kg
78-59-1	Isophorone	920		55.4	85.1	110	ug/Kg
88-75-5	2-Nitrophenol	980		61.9	85.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		61	85.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	920		56.2	85.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	930		49.4	85.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	890		55.9	85.1	110	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	980		54.1	85.1	110	ug/Kg
106-47-8	4-Chloroaniline	350		54.1	85.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	850		54.6	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MS	SDG No.:	BF052824
Lab Sample ID:	P2612-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF138044.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	980		56.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		50.8	85.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	920		54	85.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	970		46.8	85.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		48.5	85.1	110	ug/Kg
92-52-4	1,1-Biphenyl	940		57.2	85.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	900		54.6	85.1	110	ug/Kg
88-74-4	2-Nitroaniline	940		62.2	85.1	110	ug/Kg
131-11-3	Dimethylphthalate	970		53.5	85.1	110	ug/Kg
208-96-8	Acenaphthylene	970		56.7	85.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		54.5	85.1	110	ug/Kg
99-09-2	3-Nitroaniline	710		58.4	85.1	110	ug/Kg
83-32-9	Acenaphthene	970		53.1	85.1	110	ug/Kg
Total PAH	Total PAH	14200		868.1	85.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1700		76	180	220	ug/Kg
132-64-9	Dibenzofuran	910		55.3	85.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	840		111	85.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		56.5	85.1	110	ug/Kg
84-66-2	Diethylphthalate	950		52.5	85.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		56.1	85.1	110	ug/Kg
86-73-7	Fluorene	890		56	85.1	110	ug/Kg
100-01-6	4-Nitroaniline	810		70.1	85.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		76.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		53.4	85.1	110	ug/Kg
103-33-3	Azobenzene	910		52.1	85.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		51.7	85.1	110	ug/Kg
118-74-1	Hexachlorobenzene	950		55.7	85.1	110	ug/Kg
1912-24-9	Atrazine	1200		59.9	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MS	SDG No.:	BF052824
Lab Sample ID:	P2612-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF138044.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	50.6	180	220	ug/Kg
85-01-8	Phenanthrene	940		55	85.1	110	ug/Kg
120-12-7	Anthracene	960		55.3	85.1	110	ug/Kg
86-74-8	Carbazole	870		52.6	85.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		55.2	85.1	110	ug/Kg
206-44-0	Fluoranthene	830		53.5	85.1	110	ug/Kg
92-87-5	Benzidine	1400		110	180	220	ug/Kg
129-00-0	Pyrene	730		54.4	85.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	960		63.4	85.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	960		52.9	85.1	110	ug/Kg
218-01-9	Chrysene	950		52.1	85.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		59.6	85.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		72	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		53.1	85.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		54.1	85.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		60.9	85.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		51.2	85.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	710		53.2	85.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	610		52.5	85.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		56.8	85.1	110	ug/Kg
123-91-1	1,4-Dioxane	790		72	85.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	910		48.9	85.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	850		54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.329		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.67		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	59.921		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	56.594		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MS	SDG No.:	BF052824
Lab Sample ID:	P2612-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF138044.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.929		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	44.156		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149042	7.034				
1146-65-2	Naphthalene-d8	582595	8.322				
15067-26-2	Acenaphthene-d10	310598	10.086				
1517-22-2	Phenanthrene-d10	440467	11.58				
1719-03-5	Chrysene-d12	282935	14.233				
1520-96-3	Perylene-d12	282169	15.798				

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MSD	SDG No.:	BF052824
Lab Sample ID:	P2612-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF138045.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	930		56.8	180	220	ug/Kg
110-86-1	Pyridine	890		52.3	85.1	110	ug/Kg
100-52-7	Benzaldehyde	240		120	180	220	ug/Kg
62-53-3	Aniline	690		63.4	85.1	110	ug/Kg
108-95-2	Phenol	960		54.3	85.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		54.8	85.1	110	ug/Kg
95-57-8	2-Chlorophenol	980		54.7	85.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	930		55.4	85.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		56.3	85.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	920		56.6	85.1	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		54.3	180	220	ug/Kg
95-48-7	2-Methylphenol	960		52.8	85.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		59.5	85.1	110	ug/Kg
98-86-2	Acetophenone	980		56.9	85.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	930		52.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	930		54.3	85.1	110	ug/Kg
98-95-3	Nitrobenzene	920		59.4	85.1	110	ug/Kg
78-59-1	Isophorone	970		55.4	85.1	110	ug/Kg
88-75-5	2-Nitrophenol	1000		61.9	85.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		61	85.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	960		56.2	85.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	970		49.4	85.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	940		55.9	85.1	110	ug/Kg
65-85-0	Benzoic acid	990		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		54.1	85.1	110	ug/Kg
106-47-8	4-Chloroaniline	370		54.1	85.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	910		54.5	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MSD	SDG No.:	BF052824
Lab Sample ID:	P2612-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08 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
BF138045.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		56.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		50.7	85.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		54	85.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		46.7	85.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		48.4	85.1	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		57.2	85.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	960		54.5	85.1	110	ug/Kg
88-74-4	2-Nitroaniline	980		62.2	85.1	110	ug/Kg
131-11-3	Dimethylphthalate	1000		53.5	85.1	110	ug/Kg
208-96-8	Acenaphthylene	1000		56.6	85.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		54.5	85.1	110	ug/Kg
99-09-2	3-Nitroaniline	720		58.4	85.1	110	ug/Kg
83-32-9	Acenaphthene	1000		53.1	85.1	110	ug/Kg
Total PAH	Total PAH	15050		867.5	85.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1700		75.9	180	220	ug/Kg
132-64-9	Dibenzofuran	950		55.3	85.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		56.4	85.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		110.9	85.1	220	ug/Kg
84-66-2	Diethylphthalate	990		52.4	85.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		56	85.1	110	ug/Kg
86-73-7	Fluorene	920		56	85.1	110	ug/Kg
100-01-6	4-Nitroaniline	810		70.1	85.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		76.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		53.4	85.1	110	ug/Kg
103-33-3	Azobenzene	920		52.1	85.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		51.7	85.1	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		55.6	85.1	110	ug/Kg
1912-24-9	Atrazine	1300		59.8	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MSD	SDG No.:	BF052824
Lab Sample ID:	P2612-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08 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
BF138045.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	50.6	180	220	ug/Kg
85-01-8	Phenanthrene	990		55	85.1	110	ug/Kg
120-12-7	Anthracene	1000		55.3	85.1	110	ug/Kg
86-74-8	Carbazole	940		52.6	85.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		55.2	85.1	110	ug/Kg
206-44-0	Fluoranthene	910		53.5	85.1	110	ug/Kg
92-87-5	Benzidine	1500		110	180	220	ug/Kg
129-00-0	Pyrene	740		54.3	85.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	980		63.4	85.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		52.8	85.1	110	ug/Kg
218-01-9	Chrysene	990		52	85.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		59.6	85.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		72	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		53.1	85.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		54.1	85.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		60.9	85.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	780		51.1	85.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		53.2	85.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		52.4	85.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		56.8	85.1	110	ug/Kg
123-91-1	1,4-Dioxane	820		72	85.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		48.9	85.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	900		54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.985		18-112		63	SPK: -150
13127-88-3	Phenol-d6	95.274		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	64.167		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	60.721		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	72-11933MSD	SDG No.:	BF052824
Lab Sample ID:	P2612-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08 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
BF138045.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.987		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	44.111		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139935	7.034				
1146-65-2	Naphthalene-d8	530750	8.322				
15067-26-2	Acenaphthene-d10	277227	10.086				
1517-22-2	Phenanthrene-d10	372137	11.58				
1719-03-5	Chrysene-d12	270539	14.233				
1520-96-3	Perylene-d12	248496	15.798				

Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM		
Project:				Date Received:	5/24/2024 12:00:00 AM		
Client Sample ID:	RBR251686			SDG No.:	BF052824		
Lab Sample ID:	P2615-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	17.9		
Sample Wt/Vol:	50.01	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138046.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.4	U	63.4	200	240	ug/Kg
110-86-1	Pyridine	58.4	U	58.4	95	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.8	U	70.8	95	120	ug/Kg
108-95-2	Phenol	60.6	U	60.6	95	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.2	U	61.2	95	120	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	95	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.8	U	61.8	95	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.8	U	62.8	95	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.2	U	63.2	95	120	ug/Kg
100-51-6	Benzyl Alcohol	60.6	U	60.6	200	240	ug/Kg
95-48-7	2-Methylphenol	58.9	U	58.9	95	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.4	U	66.4	95	120	ug/Kg
98-86-2	Acetophenone	63.5	U	63.5	95	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.3	U	58.3	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.4	U	29.4	58.5	58.5	ug/Kg
67-72-1	Hexachloroethane	60.6	U	60.6	95	120	ug/Kg
98-95-3	Nitrobenzene	66.3	U	66.3	95	120	ug/Kg
78-59-1	Isophorone	61.8	U	61.8	95	120	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	95	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.1	U	68.1	95	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.7	U	62.7	95	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.2	U	55.2	95	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.4	U	62.4	95	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.4	U	60.4	95	120	ug/Kg
106-47-8	4-Chloroaniline	60.4	U	60.4	95	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.9	U	60.9	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF052824
Lab Sample ID:	P2615-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	50.01 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
BF138046.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.4	U	63.4	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.6	U	56.6	95	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.3	U	60.3	95	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.2	U	52.2	95	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.1	U	54.1	95	120	ug/Kg
92-52-4	1,1-Biphenyl	63.9	U	63.9	95	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.9	U	60.9	95	120	ug/Kg
88-74-4	2-Nitroaniline	69.4	U	69.4	95	120	ug/Kg
131-11-3	Dimethylphthalate	59.7	U	59.7	95	120	ug/Kg
208-96-8	Acenaphthylene	63.2	U	63.2	95	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.8	U	60.8	95	120	ug/Kg
99-09-2	3-Nitroaniline	65.2	U	65.2	95	120	ug/Kg
83-32-9	Acenaphthene	62.2	J	59.3	95	120	ug/Kg
Total PAH	Total PAH	7055.6		968.5	95	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84.8	U	84.8	200	240	ug/Kg
132-64-9	Dibenzofuran	61.7	U	61.7	95	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	95	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	123.8	U	123.8	95	240	ug/Kg
84-66-2	Diethylphthalate	58.5	U	58.5	95	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.5	U	62.5	95	120	ug/Kg
86-73-7	Fluorene	78.5	J	62.5	95	120	ug/Kg
100-01-6	4-Nitroaniline	78.2	U	78.2	95	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.5	U	85.5	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.6	U	59.6	95	120	ug/Kg
103-33-3	Azobenzene	58.2	U	58.2	95	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.6	U	57.6	95	120	ug/Kg
118-74-1	Hexachlorobenzene	62.1	U	62.1	95	120	ug/Kg
1912-24-9	Atrazine	66.8	U	66.8	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF052824
Lab Sample ID:	P2615-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	50.01	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
BF138046.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.5	U	56.5	200	240	ug/Kg
85-01-8	Phenanthrene	990		61.4	95	120	ug/Kg
120-12-7	Anthracene	210		61.7	95	120	ug/Kg
86-74-8	Carbazole	120		58.7	95	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.6	U	61.6	95	120	ug/Kg
206-44-0	Fluoranthene	1300		59.7	95	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	860		60.6	95	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.7	U	70.7	95	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	650		59	95	120	ug/Kg
218-01-9	Chrysene	660		58.1	95	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.5	U	66.5	95	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.4	U	80.4	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		59.3	95	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		60.4	95	120	ug/Kg
50-32-8	Benzo(a)pyrene	610		68	95	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		57.1	95	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74.9	J	59.3	95	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		58.5	95	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.4	U	63.4	95	120	ug/Kg
123-91-1	1,4-Dioxane	80.4	U	80.4	95	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	95	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.8	U	60.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.202		18-112		69	SPK: -150
13127-88-3	Phenol-d6	109.769		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	72.78		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	81.043		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF052824
Lab Sample ID:	P2615-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	50.01 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
BF138046.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.707		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	61.079		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151115	7.034				
1146-65-2	Naphthalene-d8	566172	8.316				
15067-26-2	Acenaphthene-d10	286231	10.08				
1517-22-2	Phenanthrene-d10	376773	11.574				
1719-03-5	Chrysene-d12	282134	14.233				
1520-96-3	Perylene-d12	250803	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	310	J			2.404	
000132-65-0	Dibenzothiophene	51.1	J			11.469	
000613-12-7	Anthracene, 2-methyl-	350	J			12.08	
002531-84-2	Phenanthrene, 2-methyl-	150	J			12.104	
004505-48-0	1H-Indene, 2-phenyl-	55.5	J			12.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			12.192	
000779-02-2	Anthracene, 9-methyl-	75.3	J			12.216	
000612-94-2	Naphthalene, 2-phenyl-	74.5	J			12.374	
000084-65-1	9,10-Anthracenedione	67.2	J			12.398	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			12.627	
005737-13-3	Cyclopenta(def)phenanthrenone	78.9	J			12.716	
000057-11-4	Octadecanoic acid	190	J			12.868	
000243-17-4	11H-Benzo[b]fluorene	53.8	J			13.239	
002381-21-7	Pyrene, 1-methyl-	52.1	J			13.351	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	63.8	J			13.98	
000479-79-8	11H-Benzo[a]fluoren-11-one	170	J			14.068	
077899-03-7	1-Heneicosyl formate	160	J			14.71	
000192-97-2	Benzo[e]pyrene	320	J			15.445	
000198-55-0	Perylene	380	J			15.662	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF052824
Lab Sample ID:	P2615-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	50.01	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
BF138046.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007225-64-1	Heptadecane, 9-octyl-	120	J			16.274	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PL-01-052324	SDG No.:	BF052824
Lab Sample ID:	P2597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF138047.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	570	ug/Kg
100-52-7	Benzaldehyde	610	U	610	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	570	ug/Kg
108-95-2	Phenol	280	U	280	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	570	ug/Kg
98-95-3	Nitrobenzene	300	U	300	440	570	ug/Kg
78-59-1	Isophorone	280	U	280	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	570	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	570	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PL-01-052324	SDG No.:	BF052824
Lab Sample ID:	P2597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF138047.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	570	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	570	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	440	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	4440	U	4440	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1140	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	570	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	440	570	ug/Kg
103-33-3	Azobenzene	270	U	270	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	440	570	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	570	ug/Kg
1912-24-9	Atrazine	310	U	310	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PL-01-052324	SDG No.:	BF052824
Lab Sample ID:	P2597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BF138047.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	640		280	440	570	ug/Kg
120-12-7	Anthracene	280	U	280	440	570	ug/Kg
86-74-8	Carbazole	270	U	270	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	440	570	ug/Kg
206-44-0	Fluoranthene	1000		270	440	570	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	710		280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	410	J	270	440	570	ug/Kg
218-01-9	Chrysene	420	J	270	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	J	270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	390	J	310	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	270	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.935		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.345		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	52.47		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	63.65		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PL-01-052324	SDG No.:	BF052824
Lab Sample ID:	P2597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.04	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
BF138047.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.085		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	44.825		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136987	7.034				
1146-65-2	Naphthalene-d8	499192	8.316				
15067-26-2	Acenaphthene-d10	240118	10.081				
1517-22-2	Phenanthrene-d10	329754	11.575				
1719-03-5	Chrysene-d12	270262	14.227				
1520-96-3	Perylene-d12	211074	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.352	
000629-59-4	Tetradecane	380	J			9.457	
055282-11-6	Heneicosane, 11-(1-ethylpropyl)-	470	J			9.781	
000629-62-9	Pentadecane	390	J			9.992	
000544-76-3	Hexadecane	440	J			10.492	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	430	J			10.716	
000646-31-1	Tetracosane	970	J			10.969	
000629-92-5	Nonadecane	430	J			11.416	
000630-01-3	Hexacosane	390	J			11.445	
000629-78-7	Heptadecane	340	J			11.845	
000057-10-3	n-Hexadecanoic acid	480	J			12.081	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			12.192	
000112-95-8	Eicosane	290	J			12.257	
1000336-44-2	Methyl 10-trans,12-cis-octadecadie	570	J			12.639	
000057-11-4	Octadecanoic acid	240	J			12.869	

Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM		
Project:				Date Received:	5/24/2024 12:00:00 AM		
Client Sample ID:	RBR200035			SDG No.:	BF052824		
Lab Sample ID:	P2615-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	0		
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138048.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

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	50.1	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)	54.5	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	24.1	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	51.2	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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200035	SDG No.:	BF052824
Lab Sample ID:	P2615-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138048.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

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	93.5	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	44.3	U	44.3	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	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	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	49.9	U	49.9	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	794	U	794	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)	101.5	U	101.5	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	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200035	SDG No.:	BF052824
Lab Sample ID:	P2615-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138048.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

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	50.6	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	49.7	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	48.4	U	48.4	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	210		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	48.7	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	99.492		18-112		66	SPK: -150
13127-88-3	Phenol-d6	97.797		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	68.118		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	79.516		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200035	SDG No.:	BF052824
Lab Sample ID:	P2615-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138048.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.822		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	53.628		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139835	7.034				
1146-65-2	Naphthalene-d8	502302	8.316				
15067-26-2	Acenaphthene-d10	223320	10.086				
1517-22-2	Phenanthrene-d10	240789	11.598				
1719-03-5	Chrysene-d12	244132	14.268				
1520-96-3	Perylene-d12	211166	15.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	540	J			2.381	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	43.5	J			8.21	
	unknown9.275	63.5	J			9.275	
095530-74-8	cis,trans-2,9-Dimethylspiro[5.5]un	86.5	J			9.316	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	160	J			9.469	
1000238-56-7	1-(p-Fluorophenyl)-4-piperidone	410	J			9.786	
	unknown9.845	180	J			9.845	
	unknown9.945	350	J			9.945	
	unknown9.969	110	J			9.969	
	unknown9.992	550	J			9.992	
1010215-77-9	2,5,5,6,1a-Pentamethyl-cis-1a,4a,5	220	J			10.033	
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetram	240	J			10.422	
1000388-14-4	1-(4-Fluorophenyl)-2-(methoxymethy	540	J			10.498	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-206	SDG No.:	BF052824
Lab Sample ID:	P2616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF138049.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.5	U	56.5	180	210	ug/Kg
110-86-1	Pyridine	52	U	52	84.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63.1	U	63.1	84.6	110	ug/Kg
108-95-2	Phenol	54	U	54	84.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.5	U	54.5	84.6	110	ug/Kg
95-57-8	2-Chlorophenol	54.4	U	54.4	84.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.1	U	55.1	84.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56	U	56	84.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	84.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54	U	54	180	210	ug/Kg
95-48-7	2-Methylphenol	52.5	U	52.5	84.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.2	U	59.2	84.6	110	ug/Kg
98-86-2	Acetophenone	56.6	U	56.6	84.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52	U	52	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52.1	52.1	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.6	110	ug/Kg
98-95-3	Nitrobenzene	59.1	U	59.1	84.6	110	ug/Kg
78-59-1	Isophorone	55.1	U	55.1	84.6	110	ug/Kg
88-75-5	2-Nitrophenol	61.5	U	61.5	84.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.7	U	60.7	84.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.9	U	55.9	84.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.2	U	49.2	84.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.6	U	55.6	84.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.8	U	53.8	84.6	110	ug/Kg
106-47-8	4-Chloroaniline	53.8	U	53.8	84.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-206	SDG No.:	BF052824
Lab Sample ID:	P2616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF138049.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.5	U	56.5	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.5	U	50.5	84.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.7	U	53.7	84.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.5	U	46.5	84.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.2	U	48.2	84.6	110	ug/Kg
92-52-4	1,1-Biphenyl	56.9	U	56.9	84.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.6	110	ug/Kg
88-74-4	2-Nitroaniline	61.8	U	61.8	84.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.2	U	53.2	84.6	110	ug/Kg
208-96-8	Acenaphthylene	56.3	U	56.3	84.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.2	U	54.2	84.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.1	U	58.1	84.6	110	ug/Kg
83-32-9	Acenaphthene	52.8	U	52.8	84.6	110	ug/Kg
Total PAH	Total PAH	1434.1	U	862.6	84.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.5	U	75.5	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.3	U	110.3	84.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	84.6	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.6	110	ug/Kg
86-73-7	Fluorene	55.7	U	55.7	84.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.7	U	69.7	84.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.2	U	76.2	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.1	U	53.1	84.6	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.4	U	51.4	84.6	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.6	110	ug/Kg
1912-24-9	Atrazine	59.5	U	59.5	84.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-206	SDG No.:	BF052824
Lab Sample ID:	P2616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF138049.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.3	U	50.3	180	210	ug/Kg
85-01-8	Phenanthrene	200		54.7	84.6	110	ug/Kg
120-12-7	Anthracene	54.9	U	54.9	84.6	110	ug/Kg
86-74-8	Carbazole	52.3	U	52.3	84.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.9	U	54.9	84.6	110	ug/Kg
206-44-0	Fluoranthene	310		53.2	84.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	180		54	84.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	84.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.2	U	64.2	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	120		52.5	84.6	110	ug/Kg
218-01-9	Chrysene	140		51.8	84.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	84.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.6	U	71.6	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		52.8	84.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.3	J	53.8	84.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	130		60.5	84.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.8	J	50.8	84.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.9	U	52.9	84.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	J	52.1	84.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.5	U	56.5	84.6	110	ug/Kg
123-91-1	1,4-Dioxane	71.6	U	71.6	84.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.2	U	54.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.568		18-112		54	SPK: -150
13127-88-3	Phenol-d6	80.481		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.928		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	60.268		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	VNJ-206	SDG No.:	BF052824
Lab Sample ID:	P2616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
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
BF138049.D	1	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.538		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	43.076		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148683	7.033				
1146-65-2	Naphthalene-d8	542183	8.316				
15067-26-2	Acenaphthene-d10	253807	10.08				
1517-22-2	Phenanthrene-d10	338565	11.574				
1719-03-5	Chrysene-d12	282676	14.227				
1520-96-3	Perylene-d12	223233	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	860	J			2.404	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	57.1	J			8.204	
000057-10-3	n-Hexadecanoic acid	210	J			12.086	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	46.4	J			12.11	
000203-64-5	4H-Cyclopenta[def]phenanthrene	45.4	J			12.192	
000057-11-4	Octadecanoic acid	120	J			12.868	
018435-45-5	1-Nonadecene	110	J			14.057	
000192-97-2	Benzo[e]pyrene	98.3	J			15.656	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200057	SDG No.:	BF052824
Lab Sample ID:	P2612-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.05	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
BF138050.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.2	U	51.2	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200057	SDG No.:	BF052824
Lab Sample ID:	P2612-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.05	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
BF138050.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.5	U	98.5	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.8	U	90.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.1	U	94.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.3	U	1689.3	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200057	SDG No.:	BF052824
Lab Sample ID:	P2612-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.05	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
BF138050.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.3	U	98.3	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.3	U	99.3	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95	U	95	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.212		18-112		55	SPK: -150
13127-88-3	Phenol-d6	83.078		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	55.63		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	68.75		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	RBR200057	SDG No.:	BF052824
Lab Sample ID:	P2612-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.05	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
BF138050.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.152		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	75.57		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136474	7.034				
1146-65-2	Naphthalene-d8	490895	8.316				
15067-26-2	Acenaphthene-d10	224391	10.08				
1517-22-2	Phenanthrene-d10	318385	11.58				
1719-03-5	Chrysene-d12	270922	14.233				
1520-96-3	Perylene-d12	205602	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	310	J			2.375	
000057-10-3	n-Hexadecanoic acid	170	J			12.08	
000057-11-4	Octadecanoic acid	90.3	J			12.868	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	AU-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2611-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF138051.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.6	U	52.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.6	U	98.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	AU-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2611-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF138051.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.2	U	93.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.6	U	96.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1740	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	AU-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2611-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF138051.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.5	U	97.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.75		18-112		58	SPK: -150
13127-88-3	Phenol-d6	86.718		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.48		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	69.432		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	AU-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2611-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF138051.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.392		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	50.726		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151342	7.034				
1146-65-2	Naphthalene-d8	526632	8.316				
15067-26-2	Acenaphthene-d10	244140	10.081				
1517-22-2	Phenanthrene-d10	332308	11.58				
1719-03-5	Chrysene-d12	271747	14.233				
1520-96-3	Perylene-d12	205109	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	970	J			2.375	
017312-77-5	Undecane, 2,3-dimethyl-	350	J			8.892	
000629-59-4	Tetradecane	680	J			9.463	
003891-98-3	Dodecane, 2,6,10-trimethyl-	320	J			9.781	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	850	J			9.992	
055045-10-8	Tridecane, 6-propyl-	290	J			10.316	
000544-76-3	Hexadecane	880	J			10.498	
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	490	J			10.716	
000629-92-5	Nonadecane	1400	J			10.969	
000593-45-3	Octadecane	740	J			11.422	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	310	J			11.451	
000629-78-7	Heptadecane	600	J			11.851	
000112-39-0	Hexadecanoic acid, methyl ester	6100	J			11.957	
000057-10-3	n-Hexadecanoic acid	360	J			12.086	
055045-09-5	Tridecane, 7-propyl-	550	J			12.257	
002462-85-3	9,12-Octadecadienoic acid, methyl	21000	J			12.663	
002462-84-2	9-Octadecenoic acid, methyl ester	10800	J			12.686	
000112-61-8	Methyl stearate	3000	J			12.751	
000629-94-7	Heneicosane	370	J			14.051	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	AU-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2611-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF138051.D	2	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000929-77-1	Docosanoic acid, methyl ester	370	J			14.145	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	TR-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2613-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF138052.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	430	560	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	430	560	ug/Kg



Client:				Date Collected:	5/24/2024 12:00:00 AM	
Project:				Date Received:	5/24/2024 12:00:00 AM	
Client Sample ID:	TR-06-052424			SDG No.:	BF052824	
Lab Sample ID:	P2613-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.6	
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
BF138052.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	280	U	280	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	18940	U	4360	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	TR-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2613-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF138052.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	1400		280	430	560	ug/Kg
120-12-7	Anthracene	460	J	280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	3600		270	430	560	ug/Kg
92-87-5	Benzidine	530	U	530	890	1100	ug/Kg
129-00-0	Pyrene	2400		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1700		260	430	560	ug/Kg
218-01-9	Chrysene	1500		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	750		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	2100		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	J	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	47.34		18-112		32	SPK: -150
13127-88-3	Phenol-d6	65.46		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	48.62		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	61.735		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	TR-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2613-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF138052.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	13.725	*	10-110		9	SPK: -150
1718-51-0	Terphenyl-d14	46.995		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120903	7.034				
1146-65-2	Naphthalene-d8	413041	8.316				
15067-26-2	Acenaphthene-d10	177161	10.08				
1517-22-2	Phenanthrene-d10	276077	11.58				
1719-03-5	Chrysene-d12	237933	14.233				
1520-96-3	Perylene-d12	181163	15.804				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.351	
000629-50-5	Tridecane	1100	J			8.892	
000629-59-4	Tetradecane	1500	J			9.463	
000629-62-9	Pentadecane	1500	J			9.992	
000593-49-7	Heptacosane	1400	J			10.492	
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	700	J			10.716	
000629-94-7	Heneicosane	1700	J			10.969	
000544-76-3	Hexadecane	920	J			11.422	
000629-92-5	Nonadecane	760	J			11.845	
001120-25-8	9-Hexadecenoic acid, methyl ester,	510	J			11.874	
000112-39-0	Hexadecanoic acid, methyl ester	14600	J			11.957	
002531-84-2	Phenanthrene, 2-methyl-	550	J			12.08	
000203-64-5	4H-Cyclopenta[def]phenanthrene	670	J			12.198	
000112-95-8	Eicosane	760	J			12.257	
002462-85-3	9,12-Octadecadienoic acid, methyl	45500	J			12.657	
001937-62-8	9-Octadecenoic acid, methyl ester,	31300	J			12.68	
000112-61-8	Methyl stearate	9000	J			12.751	
001120-28-1	Eicosanoic acid, methyl ester	690	J			13.474	
000929-77-1	Docosanoic acid, methyl ester	550	J			14.145	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	TR-06-052424	SDG No.:	BF052824
Lab Sample ID:	P2613-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF138052.D	5	5/25/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1300	J			15.662	

Hit Summary Sheet SW-846

SDG No.: BF052824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PL-01-052324								
P2597-01	PL-01-052324	Solid	4H-Cyclopenta[def]phenanthrene *	270.000	J			
P2597-01	PL-01-052324	Solid	Butane, 2-methoxy-2-methyl-	1,300.000	J			
P2597-01	PL-01-052324	Solid	Eicosane	290.000	J			
P2597-01	PL-01-052324	Solid	Heneicosane, 11-(1-ethylpropyl)-	470.000	J			
P2597-01	PL-01-052324	Solid	Heptadecane	340.000	J			
P2597-01	PL-01-052324	Solid	Hexacosane	390.000	J			
P2597-01	PL-01-052324	Solid	Hexadecane	440.000	J			
P2597-01	PL-01-052324	Solid	Methyl 10-trans,12-cis-octadecadi	570.000	J			
P2597-01	PL-01-052324	Solid	n-Hexadecanoic acid	480.000	J			
P2597-01	PL-01-052324	Solid	Nonadecane	430.000	J			
P2597-01	PL-01-052324	Solid	Octadecanoic acid	240.000	J			
P2597-01	PL-01-052324	Solid	Pentadecane	390.000	J			
P2597-01	PL-01-052324	Solid	Pentadecane, 2,6,10-trimethyl-	430.000	J			
P2597-01	PL-01-052324	Solid	Tetracosane	970.000	J			
P2597-01	PL-01-052324	Solid	Tetradecane	380.000	J			
Total Tics :				7,390.00				
P2597-01	PL-01-052324	Solid	Benzo(a)anthracene	410.000	J	270	570	ug/Kg
P2597-01	PL-01-052324	Solid	Benzo(a)pyrene	390.000	J	310	570	ug/Kg
P2597-01	PL-01-052324	Solid	Benzo(b)fluoranthene	510.000	J	270	570	ug/Kg
P2597-01	PL-01-052324	Solid	Chrysene	420.000	J	270	570	ug/Kg
P2597-01	PL-01-052324	Solid	Fluoranthene	1,000.000		270	570	ug/Kg
P2597-01	PL-01-052324	Solid	Phenanthrene	640.000		280	570	ug/Kg
P2597-01	PL-01-052324	Solid	Pyrene	710.000		280	570	ug/Kg
Total Svoc :				4,080.00				
Total Concentration:				11,470.00				
Client ID : AU-06-052424								
P2611-01	AU-06-052424	Solid	3-Methyl-4-(methoxycarbonyl)he:	490.000	J			
P2611-01	AU-06-052424	Solid	9,12-Octadecadienoic acid, methy	21,000.000	J			
P2611-01	AU-06-052424	Solid	9-Octadecenoic acid, methyl ester	10,800.000	J			
P2611-01	AU-06-052424	Solid	Butane, 2-methoxy-2-methyl-	970.000	J			
P2611-01	AU-06-052424	Solid	Carbonic acid, eicosyl vinyl ester	850.000	J			
P2611-01	AU-06-052424	Solid	Docosanoic acid, methyl ester	370.000	J			
P2611-01	AU-06-052424	Solid	Dodecane, 2,6,10-trimethyl-	320.000	J			
P2611-01	AU-06-052424	Solid	Heneicosane	370.000	J			
P2611-01	AU-06-052424	Solid	Heptadecane	600.000	J			
P2611-01	AU-06-052424	Solid	Heptadecane, 2,6,10,15-tetramethy	310.000	J			
P2611-01	AU-06-052424	Solid	Hexadecane	880.000	J			

Hit Summary Sheet SW-846

SDG No.: BF052824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2611-01	AU-06-052424	Solid	Hexadecanoic acid, methyl ester	*	6,100.000	J		
P2611-01	AU-06-052424	Solid	Methyl stearate	*	3,000.000	J		
P2611-01	AU-06-052424	Solid	n-Hexadecanoic acid	*	360.000	J		
P2611-01	AU-06-052424	Solid	Nonadecane	*	1,400.000	J		
P2611-01	AU-06-052424	Solid	Octadecane	*	740.000	J		
P2611-01	AU-06-052424	Solid	Tetradecane	*	680.000	J		
P2611-01	AU-06-052424	Solid	Tridecane, 6-propyl-	*	290.000	J		
P2611-01	AU-06-052424	Solid	Tridecane, 7-propyl-	*	550.000	J		
P2611-01	AU-06-052424	Solid	Undecane, 2,3-dimethyl-	*	350.000	J		
Total Tics :					50,430.00			
Total Concentration:					50,430.00			
Client ID : VNJ-203								
P2612-01	VNJ-203	Solid	Butane, 2-methoxy-2-methyl-	*	830.000	J		
P2612-01	VNJ-203	Solid	Indane	*	64.900	J		
P2612-01	VNJ-203	Solid	n-Hexadecanoic acid	*	130.000	J		
P2612-01	VNJ-203	Solid	Octadecanoic acid	*	62.100	J		
P2612-01	VNJ-203	Solid	Tetradecyl trifluoroacetate	*	52.700	J		
Total Tics :					1,139.70			
P2612-01	VNJ-203	Solid	Naphthalene		110.000	52.7	110	ug/Kg
Total Svoc :					110.00			
Total Concentration:					1,249.70			
Client ID : RBR200057								
P2612-07	RBR200057	Solid	Butane, 2-methoxy-2-methyl-	*	310.000	J		
P2612-07	RBR200057	Solid	n-Hexadecanoic acid	*	170.000	J		
P2612-07	RBR200057	Solid	Octadecanoic acid	*	90.300	J		
Total Tics :					570.30			
Total Concentration:					570.30			
Client ID : 72-11933								
P2612-10	72-11933	Solid	Butane, 2-methoxy-2-methyl-	*	940.000	J		
P2612-10	72-11933	Solid	Cyclohexadecane	*	66.000	J		
P2612-10	72-11933	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	45.200	J		
P2612-10	72-11933	Solid	Indane	*	110.000	J		
P2612-10	72-11933	Solid	n-Hexadecanoic acid	*	180.000	J		
P2612-10	72-11933	Solid	Octadecanoic acid	*	90.200	J		
Total Tics :					1,431.40			
P2612-10	72-11933	Solid	Bis(2-ethylhexyl)phthalate		92.800	J 59.6	110	ug/Kg
P2612-10	72-11933	Solid	Naphthalene		120.000	54.1	110	ug/Kg
Total Svoc :					212.80			
Total Concentration:					1,644.20			

Hit Summary Sheet SW-846

SDG No.: BF052824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TR-06-052424								
P2613-01	TR-06-052424	Solid	3-Methyl-4-(methoxycarbonyl)he: *	700.000	J			
P2613-01	TR-06-052424	Solid	4H-Cyclopenta[def]phenanthrene *	670.000	J			
P2613-01	TR-06-052424	Solid	9,12-Octadecadienoic acid, methy *	45,500.000	J			
P2613-01	TR-06-052424	Solid	9-Hexadecenoic acid, methyl ester *	510.000	J			
P2613-01	TR-06-052424	Solid	9-Octadecenoic acid, methyl ester *	31,300.000	J			
P2613-01	TR-06-052424	Solid	Benzo[e]pyrene *	1,300.000	J			
P2613-01	TR-06-052424	Solid	Butane, 2-methoxy-2-methyl- *	1,000.000	J			
P2613-01	TR-06-052424	Solid	Docosanoic acid, methyl ester *	550.000	J			
P2613-01	TR-06-052424	Solid	Eicosane *	760.000	J			
P2613-01	TR-06-052424	Solid	Eicosanoic acid, methyl ester *	690.000	J			
P2613-01	TR-06-052424	Solid	Heneicosane *	1,700.000	J			
P2613-01	TR-06-052424	Solid	Heptacosane *	1,400.000	J			
P2613-01	TR-06-052424	Solid	Hexadecane *	920.000	J			
P2613-01	TR-06-052424	Solid	Hexadecanoic acid, methyl ester *	14,600.000	J			
P2613-01	TR-06-052424	Solid	Methyl stearate *	9,000.000	J			
P2613-01	TR-06-052424	Solid	Nonadecane *	760.000	J			
P2613-01	TR-06-052424	Solid	Pentadecane *	1,500.000	J			
P2613-01	TR-06-052424	Solid	Phenanthrene, 2-methyl- *	550.000	J			
P2613-01	TR-06-052424	Solid	Tetradecane *	1,500.000	J			
P2613-01	TR-06-052424	Solid	Tridecane *	1,100.000	J			
			Total Tics :	116,010.00				
P2613-01	TR-06-052424	Solid	Anthracene	460.000	J	280	560	ug/Kg
P2613-01	TR-06-052424	Solid	Benzo(a)anthracene	1,700.000		260	560	ug/Kg
P2613-01	TR-06-052424	Solid	Benzo(a)pyrene	2,100.000		310	560	ug/Kg
P2613-01	TR-06-052424	Solid	Benzo(b)fluoranthene	2,700.000		270	560	ug/Kg
P2613-01	TR-06-052424	Solid	Benzo(g,h,i)perylene	1,100.000		260	560	ug/Kg
P2613-01	TR-06-052424	Solid	Benzo(k)fluoranthene	750.000		270	560	ug/Kg
P2613-01	TR-06-052424	Solid	Chrysene	1,500.000		260	560	ug/Kg
P2613-01	TR-06-052424	Solid	Dibenzo(a,h)anthracene	270.000	J	270	560	ug/Kg
P2613-01	TR-06-052424	Solid	Fluoranthene	3,600.000		270	560	ug/Kg
P2613-01	TR-06-052424	Solid	Indeno(1,2,3-cd)pyrene	960.000		260	560	ug/Kg
P2613-01	TR-06-052424	Solid	Phenanthrene	1,400.000		280	560	ug/Kg
P2613-01	TR-06-052424	Solid	Pyrene	2,400.000		270	560	ug/Kg
			Total Svoc :	18,940.00				
			Total Concentration:	134,950.00				
Client ID : RBR251686								
P2615-01	RBR251686	Solid	1-Heneicosyl formate *	160.000	J			
P2615-01	RBR251686	Solid	11H-Benzo[a]fluoren-11-one *	170.000	J			
P2615-01	RBR251686	Solid	11H-Benzo[b]fluorene *	53.800	J			

Hit Summary Sheet SW-846

SDG No.: BF052824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2615-01	RBR251686	Solid	1H-Indene, 2-phenyl-	*	55.500	J		
P2615-01	RBR251686	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P2615-01	RBR251686	Solid	9,10-Anthracenedione	*	67.200	J		
P2615-01	RBR251686	Solid	Anthracene, 2-methyl-	*	350.000	J		
P2615-01	RBR251686	Solid	Anthracene, 9-methyl-	*	75.300	J		
P2615-01	RBR251686	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	63.800	J		
P2615-01	RBR251686	Solid	Benzo[e]pyrene	*	320.000	J		
P2615-01	RBR251686	Solid	Butane, 2-methoxy-2-methyl-	*	310.000	J		
P2615-01	RBR251686	Solid	Cyclopenta(def)phenanthrenone	*	78.900	J		
P2615-01	RBR251686	Solid	Dibenzothiophene	*	51.100	J		
P2615-01	RBR251686	Solid	Heptadecane, 9-octyl-	*	120.000	J		
P2615-01	RBR251686	Solid	Naphthalene, 2-phenyl-	*	74.500	J		
P2615-01	RBR251686	Solid	Octadecanoic acid	*	190.000	J		
P2615-01	RBR251686	Solid	Perylene	*	380.000	J		
P2615-01	RBR251686	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J		
P2615-01	RBR251686	Solid	Phenanthrene, 2-methyl-	*	150.000	J		
P2615-01	RBR251686	Solid	Pyrene, 1-methyl-	*	52.100	J		
Total Tics :					3,042.20			
P2615-01	RBR251686	Solid	Acenaphthene		62.200	J	59.3	120 ug/Kg
P2615-01	RBR251686	Solid	Anthracene		210.000		61.7	120 ug/Kg
P2615-01	RBR251686	Solid	Benzo(a)anthracene		650.000		59	120 ug/Kg
P2615-01	RBR251686	Solid	Benzo(a)pyrene		610.000		68	120 ug/Kg
P2615-01	RBR251686	Solid	Benzo(b)fluoranthene		790.000		59.3	120 ug/Kg
P2615-01	RBR251686	Solid	Benzo(g,h,i)perylene		250.000		58.5	120 ug/Kg
P2615-01	RBR251686	Solid	Benzo(k)fluoranthene		290.000		60.4	120 ug/Kg
P2615-01	RBR251686	Solid	Carbazole		120.000		58.7	120 ug/Kg
P2615-01	RBR251686	Solid	Chrysene		660.000		58.1	120 ug/Kg
P2615-01	RBR251686	Solid	Dibenzo(a,h)anthracene		74.900	J	59.3	120 ug/Kg
P2615-01	RBR251686	Solid	Fluoranthene		1,300.000		59.7	120 ug/Kg
P2615-01	RBR251686	Solid	Fluorene		78.500	J	62.5	120 ug/Kg
P2615-01	RBR251686	Solid	Indeno(1,2,3-cd)pyrene		230.000		57.1	120 ug/Kg
P2615-01	RBR251686	Solid	Phenanthrene		990.000		61.4	120 ug/Kg
P2615-01	RBR251686	Solid	Pyrene		860.000		60.6	120 ug/Kg
P2615-01	RBR251686	Solid	Total PAH		7,055.000		968.5	1920 ug/Kg
Total Svoc :					14,230.60			
Total Concentration:					17,272.80			
Client ID : RBR200035								
P2615-03	RBR200035	Solid	1-(4-Fluorophenyl)-2-(methoxym	*	540.000	J		
P2615-03	RBR200035	Solid	1-(p-Fluorophenyl)-4-piperidone	*	410.000	J		
P2615-03	RBR200035	Solid	2,5,5,6,1a-Pentamethyl-cis-1a,4a,4	*	220.000	J		

Hit Summary Sheet SW-846

SDG No.: BF052824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2615-03	RBR200035	Solid	Butane, 2-methoxy-2-methyl-	*	540.000	J		
P2615-03	RBR200035	Solid	cis,trans-2,9-Dimethylspiro[5.5]ur	*	86.500	J		
P2615-03	RBR200035	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	160.000	J		
P2615-03	RBR200035	Solid	Decahydro-8a-ethyl-1,1,4a,6-tetra	*	240.000	J		
P2615-03	RBR200035	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	43.500	J		
P2615-03	RBR200035	Solid	unknown9.275	*	63.500	J		
P2615-03	RBR200035	Solid	unknown9.845	*	180.000	J		
P2615-03	RBR200035	Solid	unknown9.945	*	350.000	J		
P2615-03	RBR200035	Solid	unknown9.969	*	110.000	J		
P2615-03	RBR200035	Solid	unknown9.992	*	550.000	J		
Total Tics :					3,493.50			
P2615-03	RBR200035	Solid	Bis(2-ethylhexyl)phthalate		210.000	54.5	100	ug/Kg
Total Svoc :					210.00			
Total Concentration:					3,703.50			
Client ID : VNJ-206								
P2616-01	VNJ-206	Solid	1-Nonadecene	*	110.000	J		
P2616-01	VNJ-206	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	46.400	J		
P2616-01	VNJ-206	Solid	4H-Cyclopenta[def]phenanthrene	*	45.400	J		
P2616-01	VNJ-206	Solid	Benzo[e]pyrene	*	98.300	J		
P2616-01	VNJ-206	Solid	Butane, 2-methoxy-2-methyl-	*	860.000	J		
P2616-01	VNJ-206	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	57.100	J		
P2616-01	VNJ-206	Solid	n-Hexadecanoic acid	*	210.000	J		
P2616-01	VNJ-206	Solid	Octadecanoic acid	*	120.000	J		
Total Tics :					1,547.20			
P2616-01	VNJ-206	Solid	Benzo(a)anthracene		120.000	52.5	110	ug/Kg
P2616-01	VNJ-206	Solid	Benzo(a)pyrene		130.000	60.5	110	ug/Kg
P2616-01	VNJ-206	Solid	Benzo(b)fluoranthene		180.000	52.8	110	ug/Kg
P2616-01	VNJ-206	Solid	Benzo(g,h,i)perylene		61.000	J 52.1	110	ug/Kg
P2616-01	VNJ-206	Solid	Benzo(k)fluoranthene		61.300	J 53.8	110	ug/Kg
P2616-01	VNJ-206	Solid	Chrysene		140.000	51.8	110	ug/Kg
P2616-01	VNJ-206	Solid	Fluoranthene		310.000	53.2	110	ug/Kg
P2616-01	VNJ-206	Solid	Indeno(1,2,3-cd)pyrene		51.800	J 50.8	110	ug/Kg
P2616-01	VNJ-206	Solid	Phenanthrene		200.000	54.7	110	ug/Kg
P2616-01	VNJ-206	Solid	Pyrene		180.000	54	110	ug/Kg
Total Svoc :					1,434.10			
Total Concentration:					2,981.30			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.503	0.501	0.516	0.496	0.495	0.505	1.8
Pyridine		1.050	1.087	1.182	1.160	1.147	1.144	4.8
2-Fluorophenol		1.264	1.212	1.237	1.157	1.118	1.177	5.3
Benzaldehyde			0.935	0.905	0.788	0.736	0.785	14.7
Aniline		1.265	1.259	1.333	1.293	1.279	1.297	2.5
Phenol-d6		1.601	1.511	1.525	1.414	1.372	1.450	6.6
Phenol		1.587	1.517	1.527	1.439	1.402	1.464	5.5
bis(2-Chloroethyl)ether		1.203	1.148	1.170	1.107	1.078	1.124	4.5
2-Chlorophenol		1.371	1.316	1.334	1.260	1.207	1.274	5.3
1,2-Dichlorobenzene		1.540	1.467	1.475	1.359	1.309	1.393	7.2
1,3-Dichlorobenzene		1.596	1.525	1.567	1.446	1.396	1.474	6.0
1,4-Dichlorobenzene		1.598	1.533	1.567	1.452	1.404	1.480	5.8
Benzyl Alcohol		1.024	0.995	1.045	1.012	0.980	1.005	2.4
2-Methylphenol		1.071	1.033	1.054	1.003	0.977	1.016	3.6
2,2-oxybis(1-Chloropropane)		1.475	1.427	1.444	1.371	1.317	1.382	4.9
Acetophenone		0.481	0.467	0.474	0.431	0.431	0.448	5.5
3+4-Methylphenols		1.456	1.382	1.411	1.315	1.261	1.331	6.5
n-Nitroso-di-n-propylamine	0.856	0.851	0.841	0.846	0.801	0.770	0.815	4.7
Nitrobenzene-d5		0.345	0.344	0.358	0.332	0.331	0.340	2.9
Hexachloroethane		0.524	0.500	0.531	0.500	0.480	0.501	4.1
Nitrobenzene		0.350	0.352	0.361	0.337	0.337	0.345	2.8
Isophorone		0.611	0.592	0.616	0.577	0.572	0.590	3.0
2-Nitrophenol		0.159	0.166	0.179	0.175	0.177	0.173	4.5
2,4-Dimethylphenol		0.226	0.220	0.232	0.220	0.221	0.223	2.0
bis(2-Chloroethoxy)methane		0.380	0.365	0.377	0.346	0.343	0.357	4.6
2,4-Dichlorophenol		0.273	0.283	0.296	0.280	0.274	0.280	2.8
1,2,4-Trichlorobenzene		0.334	0.316	0.329	0.304	0.300	0.313	4.4
Benzoic acid			0.148	0.177	0.190	0.195	0.189	12.9
Naphthalene		1.086	1.042	1.070	0.976	0.953	1.006	5.8
4-Chloroaniline		0.317	0.327	0.342	0.329	0.327	0.330	2.3
Hexachlorobutadiene		0.208	0.201	0.207	0.193	0.193	0.198	3.5
Caprolactam		0.080	0.080	0.081	0.083	0.079	0.081	2.3
4-Chloro-3-methylphenol		0.287	0.286	0.300	0.283	0.275	0.285	2.7
2-Methylnaphthalene		0.709	0.672	0.681	0.627	0.617	0.646	6.3
Hexachlorocyclopentadiene		0.171	0.176	0.210	0.213	0.220	0.207	11.4
2,4,6-Trichlorophenol		0.359	0.354	0.373	0.350	0.349	0.357	2.3

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.: BF051424 SAS No.: BF051424 SDG No.: BF051424

Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____

Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.483	1.396	1.402	1.218	1.212	1.298	9.6
2,4,5-Trichlorophenol		0.393	0.387	0.407	0.389	0.380	0.390	2.2
1,1-Biphenyl		1.537	1.454	1.489	1.333	1.336	1.403	6.3
2-Chloronaphthalene		1.204	1.155	1.187	1.075	1.072	1.120	5.4
2-Nitroaniline		0.272	0.279	0.294	0.290	0.282	0.287	3.2
Dimethylphthalate		1.348	1.294	1.306	1.227	1.187	1.254	4.9
Acenaphthylene		1.709	1.646	1.709	1.575	1.546	1.610	4.8
2,6-Dinitrotoluene		0.286	0.285	0.298	0.288	0.282	0.288	1.7
3-Nitroaniline		0.281	0.274	0.288	0.284	0.277	0.281	1.7
Acenaphthene		1.131	1.070	1.114	1.033	1.029	1.064	4.0
2,4-Dinitrophenol			0.079	0.110	0.138	0.139	0.129	22.9
4-Nitrophenol		0.163	0.187	0.206	0.218	0.209	0.202	10.3
Dibenzofuran		1.681	1.619	1.644	1.497	1.464	1.549	6.2
2,4-Dinitrotoluene		0.346	0.371	0.385	0.385	0.364	0.372	3.8
Diethylphthalate		1.255	1.208	1.214	1.165	1.110	1.171	4.8
4-Chlorophenyl-phenylether		0.649	0.637	0.631	0.593	0.573	0.604	5.6
Fluorene		1.368	1.279	1.277	1.194	1.147	1.225	7.0
4-Nitroaniline		0.255	0.269	0.265	0.279	0.262	0.267	3.0
4,6-Dinitro-2-methylphenol			0.088	0.110	0.120	0.122	0.115	12.9
n-Nitrosodiphenylamine		0.644	0.616	0.649	0.592	0.603	0.613	4.0
Azobenzene		1.144	1.091	1.118	1.049	1.009	1.065	4.9
2,4,6-Tribromophenol		0.206	0.203	0.207	0.205	0.194	0.202	2.4
4-Bromophenyl-phenylether		0.226	0.217	0.230	0.211	0.216	0.219	3.0
Hexachlorobenzene		0.259	0.241	0.253	0.232	0.239	0.242	4.1
Atrazine		0.187	0.185	0.179	0.170	0.156	0.167	10.3
Pentachlorophenol		0.103	0.129	0.148	0.153	0.152	0.142	13.5
Phenanthrene		1.079	1.030	1.041	0.947	0.945	0.986	6.4
Anthracene		1.053	1.008	1.036	0.946	0.941	0.978	5.5
Carbazole		0.961	0.929	0.939	0.875	0.851	0.893	5.4
Di-n-butylphthalate		1.027	1.023	1.020	1.006	0.955	0.991	3.5
Fluoranthene		1.097	1.081	1.039	1.004	0.942	1.000	7.5
Benzidine			0.115	0.118	0.373	0.324	0.261	43.6
Pyrene		1.711	1.660	1.888	1.661	1.739	1.749	4.8
Terphenyl-d14		1.416	1.330	1.458	1.280	1.332	1.357	4.5
Butylbenzylphthalate		0.478	0.493	0.526	0.550	0.535	0.528	6.0
3,3-Dichlorobenzidine		0.301	0.311	0.364	0.349	0.368	0.351	9.2

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.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.278	1.270	1.317	1.230	1.232	1.265	2.3
Chrysene		1.269	1.211	1.261	1.165	1.171	1.210	3.4
Bis(2-ethylhexyl)phthalate		0.620	0.658	0.647	0.694	0.657	0.663	4.0
Di-n-octyl phthalate		0.780	0.803	0.833	0.931	0.933	0.896	10.2
Benzo(b)fluoranthene		1.198	1.187	1.165	1.207	1.110	1.158	3.7
Benzo(k)fluoranthene		1.233	1.210	1.193	1.127	1.071	1.138	6.5
Benzo(a)pyrene		0.978	0.948	1.018	0.996	0.975	0.989	2.4
Indeno(1,2,3-cd)pyrene		1.061	1.034	1.380	1.248	1.403	1.285	13.6
Dibenzo(a,h)anthracene		0.889	0.863	1.143	1.038	1.155	1.062	12.8
Benzo(g,h,i)perylene		0.931	0.895	1.202	1.070	1.223	1.115	13.5
1,2,4,5-Tetrachlorobenzene		0.587	0.547	0.567	0.518	0.527	0.544	4.7
1,4-Dioxane		0.531	0.510	0.525	0.507	0.488	0.510	2.8
2,3,4,6-Tetrachlorophenol		0.307	0.304	0.319	0.312	0.297	0.306	2.3
1-Methylnaphthalene		0.702	0.671	0.670	0.614	0.600	0.635	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052824 SAS No.: BF052824 SDG NO.: BF052824

EPA Sample No.: SSTDICCC040 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 11:09

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	142006	7.045	550835	8.33	311581	10.09
UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
EPA SAMPLE NO.						
01 PB161134BL	137984	7.03	543577	8.32	304153	10.08
02 PB161134BS	153101	7.03	594063	8.32	337531	10.09
03 RT1486	138950	7.03	545351	8.32	301838	10.08
04 VNJ-203	153559	7.03	595469	8.32	323029	10.08
05 72-11933	148040	7.03	563344	8.32	302855	10.08
06 72-11933MS	149042	7.03	582595	8.32	310598	10.09
07 72-11933MSD	139935	7.03	530750	8.32	277227	10.09
08 RBR251686	151115	7.03	566172	8.32	286231	10.08
09 PL-01-052324	136987	7.03	499192	8.32	240118	10.08
10 RBR200035	139835	7.03	502302	8.32	223320	10.09
11 VNJ-206	148683	7.03	542183	8.32	253807	10.08
12 RBR200057	136474	7.03	490895	8.32	224391	10.08
13 AU-06-052424	151342	7.03	526632	8.32	244140	10.08
14 TR-06-052424	120903	7.03	413041	8.32	177161	10.08

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.: BF052824 SAS No.: BF052824 SDG NO.: BF052824

EPA Sample No.: SSTDCCC040 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BF138038.D Time Analyzed: 11:09

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	141484	7.034	543904	8.32	302446	10.09
UPPER LIMIT	282968	7.534	1087808	8.822	604892	10.586
LOWER LIMIT	70742	6.534	271952	7.822	151223	9.586
EPA SAMPLE NO.						
01 PB161134BL	137984	7.03	543577	8.32	304153	10.08
02 PB161134BS	153101	7.03	594063	8.32	337531	10.09
03 RT1486	138950	7.03	545351	8.32	301838	10.08
04 VNJ-203	153559	7.03	595469	8.32	323029	10.08
05 72-11933	148040	7.03	563344	8.32	302855	10.08
06 72-11933MS	149042	7.03	582595	8.32	310598	10.09
07 72-11933MSD	139935	7.03	530750	8.32	277227	10.09
08 RBR251686	151115	7.03	566172	8.32	286231	10.08
09 PL-01-052324	136987	7.03	499192	8.32	240118	10.08
10 RBR200035	139835	7.03	502302	8.32	223320	10.09
11 VNJ-206	148683	7.03	542183	8.32	253807	10.08
12 RBR200057	136474	7.03	490895	8.32	224391	10.08
13 AU-06-052424	151342	7.03	526632	8.32	244140	10.08
14 TR-06-052424	120903	7.03	413041	8.32	177161	10.08

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.: BF052824 SAS No.: BF052824 SDG NO.: BF052824

EPA Sample No.: SSTDICCC040 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 11:09

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	535112	11.58	324526	14.227	256022	15.786
UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
EPA SAMPLE NO.						
01 PB161134BL	531939	11.57	316458	14.23	272948	15.80
02 PB161134BS	567544	11.58	317139	14.23	307118	15.80
03 RT1486	489217	11.57	262132	14.23	263857	15.80
04 VNJ-203	497349	11.57	287667	14.23	306770	15.79
05 72-11933	443292	11.58	277032	14.23	282681	15.80
06 72-11933MS	440467	11.58	282935	14.23	282169	15.80
07 72-11933MSD	372137	11.58	270539	14.23	248496	15.80
08 RBR251686	376773	11.57	282134	14.23	250803	15.80
09 PL-01-052324	329754	11.58	270262	14.23	211074	15.80
10 RBR200035	240789 *	11.60	244132	14.27	211166	15.82
11 VNJ-206	338565	11.57	282676	14.23	223233	15.80
12 RBR200057	318385	11.58	270922	14.23	205602	15.80
13 AU-06-052424	332308	11.58	271747	14.23	205109	15.80
14 TR-06-052424	276077	11.58	237933	14.23	181163	15.80

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.: BF052824 SAS No.: BF052824 SDG NO.: BF052824

EPA Sample No.: SSTDCCC040 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BF138038.D Time Analyzed: 11:09

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	531782	11.58	326846	14.233	291502	15.798
	UPPER LIMIT	1063564	12.08	653692	14.733	583004	16.298
	LOWER LIMIT	265891	11.08	163423	13.733	145751	15.298
	EPA SAMPLE NO.						
01	PB161134BL	531939	11.57	316458	14.23	272948	15.80
02	PB161134BS	567544	11.58	317139	14.23	307118	15.80
03	RT1486	489217	11.57	262132	14.23	263857	15.80
04	VNJ-203	497349	11.57	287667	14.23	306770	15.79
05	72-11933	443292	11.58	277032	14.23	282681	15.80
06	72-11933MS	440467	11.58	282935	14.23	282169	15.80
07	72-11933MSD	372137	11.58	270539	14.23	248496	15.80
08	RBR251686	376773	11.57	282134	14.23	250803	15.80
09	PL-01-052324	329754	11.58	270262	14.23	211074	15.80
10	RBR200035	240789 *	11.60	244132	14.27	211166	15.82
11	VNJ-206	338565	11.57	282676	14.23	223233	15.80
12	RBR200057	318385	11.58	270922	14.23	205602	15.80
13	AU-06-052424	332308	11.58	271747	14.23	205109	15.80
14	TR-06-052424	276077	11.58	237933	14.23	181163	15.80

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.: **BF052824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161134BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1300	ug/Kg	76				28	98		
	Benzaldehyde	1700	1900	ug/Kg	112				10	147		
	Aniline	1700	1100	ug/Kg	65				38	100		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				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	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1700	ug/Kg	100				10	140		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	600	ug/Kg	35				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1700	ug/Kg	100				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104		
	Hexachlorocyclopentadiene	3300	3900	ug/Kg	118				45	134		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1600	ug/Kg	94				57	104		
	Total PAH	27200	25400	ug/Kg	93				57	104		
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161134BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				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	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1900	ug/Kg	112				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	810	ug/Kg	25				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	2100	ug/Kg	124		*		70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				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	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161134BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052824

SAS No.: BF052824 SDG NO.: BF052824

Lab File ID: BF138039.D

Lab Sample ID: PB161134BL

Instrument ID: BNA_F

Date Extracted: 05/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/28/2024

Level: (low/med) LOW

Time Analyzed: 11:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161134BS	PB161134BS	BF138040.D	05/28/2024
RT1486	P2612-04	BF138041.D	05/28/2024
VNJ-203	P2612-01	BF138042.D	05/28/2024
72-11933	P2612-10	BF138043.D	05/28/2024
72-11933MS	P2612-10MS	BF138044.D	05/28/2024
72-11933MSD	P2612-10MSD	BF138045.D	05/28/2024
RBR251686	P2615-01	BF138046.D	05/28/2024
PL-01-052324	P2597-01	BF138047.D	05/28/2024
RBR200035	P2615-03	BF138048.D	05/28/2024
VNJ-206	P2616-01	BF138049.D	05/28/2024
RBR200057	P2612-07	BF138050.D	05/28/2024
AU-06-052424	P2611-01	BF138051.D	05/28/2024
TR-06-052424	P2613-01	BF138052.D	05/28/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2612-10MS		Client Sample ID: 72-11933MS		DataFile: BF138044.D							
n-Nitrosodimethylamine	1100		900	ug/Kg	82				66	124	
Pyridine	1100		850	ug/Kg	77				45	119	
Benzaldehyde	1100		230	ug/Kg	21	*			26	163	
Aniline	1100		680	ug/Kg	62				10	88	
Phenol	1100		930	ug/Kg	85				67	126	
bis(2-Chloroethyl)ether	1100		920	ug/Kg	84				74	116	
2-Chlorophenol	1100		940	ug/Kg	85				61	138	
1,2-Dichlorobenzene	1100		900	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1100		870	ug/Kg	79				62	101	
1,4-Dichlorobenzene	1100		880	ug/Kg	80				63	104	
Benzyl Alcohol	1100		980	ug/Kg	89				47	126	
2-Methylphenol	1100		930	ug/Kg	85				66	122	
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86				52	115	
Acetophenone	1100		920	ug/Kg	84				75	111	
3+4-Methylphenols	1100		910	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1100		940	ug/Kg	85				59	119	
Hexachloroethane	1100		890	ug/Kg	81				65	117	
Nitrobenzene	1100		860	ug/Kg	78				70	119	
Isophorone	1100		920	ug/Kg	84				76	122	
2-Nitrophenol	1100		980	ug/Kg	89				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		920	ug/Kg	84				68	112	
2,4-Dichlorophenol	1100		930	ug/Kg	85				72	118	
1,2,4-Trichlorobenzene	1100		890	ug/Kg	81				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100	120	980	ug/Kg	78				72	110	
4-Chloroaniline	1100		350	ug/Kg	32				10	100	
Hexachlorobutadiene	1100		850	ug/Kg	77				66	114	
Caprolactam	1100		980	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1100		930	ug/Kg	85				57	132	
2-Methylnaphthalene	1100		920	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	2200		1900	ug/Kg	86				10	175	
2,4,6-Trichlorophenol	1100		970	ug/Kg	88				72	117	
2,4,5-Trichlorophenol	1100		930	ug/Kg	85				72	117	
1,1-Biphenyl	1100		940	ug/Kg	85				75	113	
2-Chloronaphthalene	1100		900	ug/Kg	82				67	118	
2-Nitroaniline	1100		940	ug/Kg	85				69	127	
Dimethylphthalate	1100		970	ug/Kg	88				70	113	
Acenaphthylene	1100		970	ug/Kg	88				79	118	
2,6-Dinitrotoluene	1100		920	ug/Kg	84				70	125	
3-Nitroaniline	1100		710	ug/Kg	65				20	111	
Acenaphthene	1100		970	ug/Kg	88				70	121	
Total PAH	17600	0	14200	ug/Kg	81				70	121	
2,4-Dinitrophenol	2200		1500	ug/Kg	68				16	160	
4-Nitrophenol	2200		1700	ug/Kg	77				45	133	
Dibenzofuran	1100		910	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		920	ug/Kg	84				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1840	ug/Kg	84				55	128	
Diethylphthalate	1100		950	ug/Kg	86				70	112	
4-Chlorophenyl-phenylether	1100		910	ug/Kg	83				71	108	
Fluorene	1100		890	ug/Kg	81				68	116	
4-Nitroaniline	1100		810	ug/Kg	74				55	120	
4,6-Dinitro-2-methylphenol	1100		990	ug/Kg	90				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		910	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		950	ug/Kg	86				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		1800	ug/Kg	82				47	128	
Phenanthrene	1100		940	ug/Kg	85				72	113	
Anthracene	1100		960	ug/Kg	87				62	124	
Carbazole	1100		870	ug/Kg	79				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		830	ug/Kg	75				59	125	
Benzydine	2200		1400	ug/Kg	64				10	119	
Pyrene	1100		730	ug/Kg	66				52	128	
Butylbenzylphthalate	1100		960	ug/Kg	87				64	126	
3,3-Dichlorobenzidine	1100		940	ug/Kg	85				10	164	
Benzo(a)anthracene	1100		960	ug/Kg	87				71	114	
Chrysene	1100		950	ug/Kg	86				57	121	
bis(2-Ethylhexyl)phthalate	1100	92.8	1100	ug/Kg	92				66	127	
Di-n-octyl phthalate	1100		1400	ug/Kg	127	*			71	126	
Benzo(b)fluoranthene	1100		990	ug/Kg	90				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100		1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100		710	ug/Kg	65				61	125	
Dibenz(a,h)anthracene	1100		710	ug/Kg	65	*			67	130	
Benzo(g,h,i)perylene	1100		610	ug/Kg	55				53	140	
1,2,4,5-Tetrachlorobenzene	1100		960	ug/Kg	87				69	124	
1,4-Dioxane	1100		790	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1100		910	ug/Kg	83				56	133	
1-Methylnaphthalene	1100		850	ug/Kg	77				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2612-10MSD	Client Sample ID:	72-11933MSD					DataFile:	BF138045.D		
n-Nitrosodimethylamine	1100		930	ug/Kg	85		4		66	124	20
Pyridine	1100		890	ug/Kg	81		5		45	119	20
Benzaldehyde	1100		240	ug/Kg	22	*	5		26	163	20
Aniline	1100		690	ug/Kg	63		2		10	88	20
Phenol	1100		960	ug/Kg	87		2		67	126	20
bis(2-Chloroethyl)ether	1100		960	ug/Kg	87		4		74	116	20
2-Chlorophenol	1100		980	ug/Kg	89		5		61	138	20
1,2-Dichlorobenzene	1100		930	ug/Kg	85		4		61	105	20
1,3-Dichlorobenzene	1100		910	ug/Kg	83		5		62	101	20
1,4-Dichlorobenzene	1100		920	ug/Kg	84		5		63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91		2		47	126	20
2-Methylphenol	1100		960	ug/Kg	87		2		66	122	20
2,2-oxybis(1-Chloropropane)	1100		980	ug/Kg	89		3		52	115	20
Acetophenone	1100		980	ug/Kg	89		6		75	111	20
3+4-Methylphenols	1100		930	ug/Kg	85		2		53	132	20
N-Nitroso-di-n-propylamine	1100		980	ug/Kg	89		5		59	119	20
Hexachloroethane	1100		930	ug/Kg	85		5		65	117	20
Nitrobenzene	1100		920	ug/Kg	84		7		70	119	20
Isophorone	1100		970	ug/Kg	88		5		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		2		54	145	20
2,4-Dimethylphenol	1100		1000	ug/Kg	91		0		83	144	20
bis(2-Chloroethoxy)methane	1100		960	ug/Kg	87		4		68	112	20
2,4-Dichlorophenol	1100		970	ug/Kg	88		3		72	118	20
1,2,4-Trichlorobenzene	1100		940	ug/Kg	85		5		57	103	20
Benzoic acid	1100		990	ug/Kg	90		1		50	104	20
Naphthalene	1100	120	1000	ug/Kg	80		3		72	110	20
4-Chloroaniline	1100		370	ug/Kg	34		6		10	100	20
Hexachlorobutadiene	1100		910	ug/Kg	83		8		66	114	20
Caprolactam	1100		1000	ug/Kg	91		2		51	134	20
4-Chloro-3-methylphenol	1100		950	ug/Kg	86		1		57	132	20
2-Methylnaphthalene	1100		970	ug/Kg	88		5		59	123	20
Hexachlorocyclopentadiene	2200		1800	ug/Kg	82		5		10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91		3		72	117	20
2,4,5-Trichlorophenol	1100		980	ug/Kg	89		5		72	117	20
1,1-Biphenyl	1100		1000	ug/Kg	91		7		75	113	20
2-Chloronaphthalene	1100		960	ug/Kg	87		6		67	118	20
2-Nitroaniline	1100		980	ug/Kg	89		5		69	127	20
Dimethylphthalate	1100		1000	ug/Kg	91		3		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		3		79	118	20
2,6-Dinitrotoluene	1100		960	ug/Kg	87		4		70	125	20
3-Nitroaniline	1100		720	ug/Kg	65		0		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		3		70	121	20
Total PAH	17600	0	15050	ug/Kg	86		6		70	121	20
2,4-Dinitrophenol	2200		1500	ug/Kg	68		0		16	160	20
4-Nitrophenol	2200		1700	ug/Kg	77		0		45	133	20
Dibenzofuran	1100		950	ug/Kg	86		4		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		930	ug/Kg	85		1		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1890	ug/Kg	86		2		55	128	20
Diethylphthalate	1100		990	ug/Kg	90		5		70	112	20
4-Chlorophenyl-phenylether	1100		950	ug/Kg	86		4		71	108	20
Fluorene	1100		920	ug/Kg	84		4		68	116	20
4-Nitroaniline	1100		810	ug/Kg	74		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91		1		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		0		73	118	20
Azobenzene	1100		920	ug/Kg	84		1		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		6		67	118	20
Atrazine	1100		1300	ug/Kg	118		8		79	127	20
Pentachlorophenol	2200		1900	ug/Kg	86		5		47	128	20
Phenanthrene	1100		990	ug/Kg	90		6		72	113	20
Anthracene	1100		1000	ug/Kg	91		4		62	124	20
Carbazole	1100		940	ug/Kg	85		7		59	119	20
Di-n-butylphthalate	1100		1100	ug/Kg	100		9		69	118	20
Fluoranthene	1100		910	ug/Kg	83		10		59	125	20
Benzydine	2200		1500	ug/Kg	68		6		10	119	20
Pyrene	1100		740	ug/Kg	67		2		52	128	20
Butylbenzylphthalate	1100		980	ug/Kg	89		2		64	126	20
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91		7		10	164	20
Benzo(a)anthracene	1100		1000	ug/Kg	91		4		71	114	20
Chrysene	1100		990	ug/Kg	90		5		57	121	20
bis(2-Ethylhexyl)phthalate	1100	92.8	1200	ug/Kg	101		9		66	127	20
Di-n-octyl phthalate	1100		1500	ug/Kg	136	*	7		71	126	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		11		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		9		74	114	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100		780	ug/Kg	71		9		61	125	20
Dibenz(a,h)anthracene	1100		760	ug/Kg	69		6		67	130	20
Benzo(g,h,i)perylene	1100		660	ug/Kg	60		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		4		69	124	20
1,4-Dioxane	1100		820	ug/Kg	75		4		46	112	20
2,3,4,6-Tetrachlorophenol	1100		940	ug/Kg	85		2		56	133	20
1-Methylnaphthalene	1100		900	ug/Kg	82		6		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF052824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2597-01	PL-01-052324	BF138047.D	2-Fluorophenol	150	77.94	52		18	112
			Phenol-d6	150	78.35	52		15	107
			Nitrobenzene-d5	100	52.47	52		18	107
			2-Fluorobiphenyl	100	63.65	64		20	109
			2,4,6-Tribromophenol	150	65.09	43		10	110
			Terphenyl-d14	100	44.83	45		14	112
P2611-01	AU-06-052424	BF138051.D	2-Fluorophenol	150	87.75	58		18	112
			Phenol-d6	150	86.72	58		15	107
			Nitrobenzene-d5	100	60.48	60		18	107
			2-Fluorobiphenyl	100	69.43	69		20	109
			2,4,6-Tribromophenol	150	74.39	50		10	110
			Terphenyl-d14	100	50.73	51		14	112
P2612-01	VNJ-203	BF138042.D	2-Fluorophenol	150	75.15	50		18	112
			Phenol-d6	150	75.62	50		15	107
			Nitrobenzene-d5	100	49.36	49		18	107
			2-Fluorobiphenyl	100	51.14	51		20	109
			2,4,6-Tribromophenol	150	74.21	49		10	110
			Terphenyl-d14	100	44.51	45		14	112
P2612-04	RT1486	BF138041.D	2-Fluorophenol	150	71.50	48		18	112
			Phenol-d6	150	72.17	48		15	107
			Nitrobenzene-d5	100	46.58	47		18	107
			2-Fluorobiphenyl	100	44.17	44		20	109
			2,4,6-Tribromophenol	150	73.48	49		10	110
			Terphenyl-d14	100	44.05	44		14	112
P2612-07	RBR200057	BF138050.D	2-Fluorophenol	150	83.21	55		18	112
			Phenol-d6	150	83.08	55		15	107
			Nitrobenzene-d5	100	55.63	56		18	107
			2-Fluorobiphenyl	100	68.75	69		20	109
			2,4,6-Tribromophenol	150	102.15	68		10	110
			Terphenyl-d14	100	75.57	76		14	112
P2612-10	72-11933	BF138043.D	2-Fluorophenol	150	92.78	62		18	112
			Phenol-d6	150	93.00	62		15	107
			Nitrobenzene-d5	100	61.99	62		18	107
			2-Fluorobiphenyl	100	57.95	58		20	109
			2,4,6-Tribromophenol	150	90.82	61		10	110
			Terphenyl-d14	100	46.47	46		14	112
P2612-10MS	72-11933MS	BF138044.D	2-Fluorophenol	150	91.33	61		18	112
			Phenol-d6	150	91.67	61		15	107
			Nitrobenzene-d5	100	59.92	60		18	107
			2-Fluorobiphenyl	100	56.59	57		20	109
			2,4,6-Tribromophenol	150	87.93	59		10	110
			Terphenyl-d14	100	44.16	44		14	112
P2612-10MSD	72-11933MSD	BF138045.D	2-Fluorophenol	150	94.99	63		18	112
			Phenol-d6	150	95.27	64		15	107
			Nitrobenzene-d5	100	64.17	64		18	107
			2-Fluorobiphenyl	100	60.72	61		20	109
			2,4,6-Tribromophenol	150	89.99	60		10	110
			Terphenyl-d14	100	44.11	44		14	112
P2613-01	TR-06-052424	BF138052.D	2-Fluorophenol	150	47.34	32		18	112

Surrogate Summary

SW-846

SDG No.: **BF052824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2613-01	TR-06-052424	BF138052.D	Phenol-d6	150	65.46	44		15	107
			Nitrobenzene-d5	100	48.62	49		18	107
			2-Fluorobiphenyl	100	61.74	62		20	109
			2,4,6-Tribromophenol	150	13.73	9	*	10	110
			Terphenyl-d14	100	47.00	47		14	112
P2615-01	RBR251686	BF138046.D	2-Fluorophenol	150	103.20	69		18	112
			Phenol-d6	150	109.77	73		15	107
			Nitrobenzene-d5	100	72.78	73		18	107
			2-Fluorobiphenyl	100	81.04	81		20	109
			2,4,6-Tribromophenol	150	104.71	70		10	110
P2615-03	RBR200035	BF138048.D	Terphenyl-d14	100	61.08	61		14	112
			2-Fluorophenol	150	99.49	66		18	112
			Phenol-d6	150	97.80	65		15	107
			Nitrobenzene-d5	100	68.12	68		18	107
			2-Fluorobiphenyl	100	79.52	80		20	109
P2616-01	VNJ-206	BF138049.D	2,4,6-Tribromophenol	150	89.82	60		10	110
			Terphenyl-d14	100	53.63	54		14	112
			2-Fluorophenol	150	81.57	54		18	112
			Phenol-d6	150	80.48	54		15	107
			Nitrobenzene-d5	100	55.93	56		18	107
PB161134BL	PB161134BL	BF138039.D	2-Fluorobiphenyl	100	60.27	60		20	109
			2,4,6-Tribromophenol	150	67.54	45		10	110
			Terphenyl-d14	100	43.08	43		14	112
			2-Fluorophenol	150	131.40	88		18	112
			Phenol-d6	150	129.78	87		15	107
PB161134BS	PB161134BS	BF138040.D	Nitrobenzene-d5	100	84.85	85		18	107
			2-Fluorobiphenyl	100	85.42	85		20	109
			2,4,6-Tribromophenol	150	137.38	92		10	110
			Terphenyl-d14	100	89.00	89		14	112
			2-Fluorophenol	150	122.32	82		18	112
			Phenol-d6	150	122.83	82		15	107
			Nitrobenzene-d5	100	82.96	83		18	107
			2-Fluorobiphenyl	100	82.53	83		20	109
			2,4,6-Tribromophenol	150	138.65	92		10	110
			Terphenyl-d14	100	89.00	89		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052824

Lab Code: CHEM

SAS No.: BF052824

SDG NO.: BF052824

Lab File ID: BF138037.D

DFTPP Injection Date: 05/28/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.3
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	25.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.8
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
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF138038.D	05/28/2024	10:40
PB161134BL	PB161134BL	BF138039.D	05/28/2024	11:09
PB161134BS	PB161134BS	BF138040.D	05/28/2024	11:38
RT1486	P2612-04	BF138041.D	05/28/2024	12:13
VNJ-203	P2612-01	BF138042.D	05/28/2024	12:42
72-11933	P2612-10	BF138043.D	05/28/2024	13:11
72-11933MS	P2612-10MS	BF138044.D	05/28/2024	13:40
72-11933MSD	P2612-10MSD	BF138045.D	05/28/2024	14:10
RBR251686	P2615-01	BF138046.D	05/28/2024	14:39
PL-01-052324	P2597-01	BF138047.D	05/28/2024	15:08
RBR200035	P2615-03	BF138048.D	05/28/2024	15:38
VNJ-206	P2616-01	BF138049.D	05/28/2024	16:07
RBR200057	P2612-07	BF138050.D	05/28/2024	16:38
AU-06-052424	P2611-01	BF138051.D	05/28/2024	17:08
TR-06-052424	P2613-01	BF138052.D	05/28/2024	17:37