

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG No.: BF081023

Instrument ID: BNA_F Calibration Date/Time: 8/10/2023 1:10:03

Lab File ID: BF134701.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	0.784	0.608		-22.449	
Pyridine	1.640	1.439		-12.256	
2-Fluorophenol	1.316	1.165		-11.474	
Benzaldehyde	0.917	0.758		-17.339	
Aniline	2.206	1.864		-15.503	
Phenol-d6	1.682	1.466		-12.842	
Phenol	1.657	1.508		-8.992	20.0
bis(2-Chloroethyl)ether	1.317	1.213		-7.897	
2-Chlorophenol	1.327	1.231		-7.234	
1,2-Dichlorobenzene	1.282	1.174		-8.424	
1,3-Dichlorobenzene	1.373	1.286		-6.336	
1,4-Dichlorobenzene	1.376	1.277		-7.195	20.0
Benzyl Alcohol	1.160	0.984		-15.172	
2-Methylphenol	1.173	1.059		-9.719	
2,2-oxybis(1-Chloropropane)	2.063	1.823		-11.634	
Acetophenone	0.462	0.401		-13.203	
3+4-Methylphenols	1.414	1.198		-15.276	
n-Nitroso-di-n-propylamine	1.007	0.832	0.050	-17.378	
Nitrobenzene-d5	0.320	0.339		5.938	
Hexachloroethane	0.483	0.471		-2.484	
Nitrobenzene	0.346	0.347		0.289	
Isophorone	0.698	0.631		-9.599	
2-Nitrophenol	0.122	0.179		46.721	20.0
2,4-Dimethylphenol	0.311	0.283		-9.003	
bis(2-Chloroethoxy)methane	0.418	0.386		-7.656	
2,4-Dichlorophenol	0.283	0.278		-1.767	20.0
1,2,4-Trichlorobenzene	0.301	0.294		-2.326	
Benzoic acid	0.176	0.224		27.273	
Naphthalene	1.005	0.923		-8.159	
4-Chloroaniline	0.448	0.406		-9.375	
Hexachlorobutadiene	0.174	0.175		0.575	20.0
Caprolactam	0.091	0.087		-4.396	
4-Chloro-3-methylphenol	0.299	0.285		-4.682	20.0
2-Methylnaphthalene	0.666	0.618		-7.207	
Hexachlorocyclopentadiene	0.283	0.249	0.050	-12.014	
2,4,6-Trichlorophenol	0.381	0.385		1.05	20.0
2-Fluorobiphenyl	1.203	1.118		-7.066	
2,4,5-Trichlorophenol	0.435	0.435		0.0	
1,1-Biphenyl	1.555	1.445		-7.074	
2-Chloronaphthalene	1.165	1.084		-6.953	
2-Nitroaniline	0.316	0.367		16.139	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.363	1.330		-2.421	
Acenaphthylene	1.832	1.687		-7.915	
2,6-Dinitrotoluene	0.248	0.302		21.774	
3-Nitroaniline	0.304	0.336		10.526	
Acenaphthene	1.187	1.128		-4.971	20.0
2,4-Dinitrophenol	0.079	0.146	0.050	84.81	
4-Nitrophenol	0.248	0.240	0.050	-3.226	
Dibenzofuran	1.690	1.553		-8.107	
2,4-Dinitrotoluene	0.292	0.386		32.192	
Diethylphthalate	1.292	1.266		-2.012	
4-Chlorophenyl-phenylether	0.605	0.595		-1.653	
Fluorene	1.231	1.141		-7.311	
4-Nitroaniline	0.298	0.323		8.389	
4,6-Dinitro-2-methylphenol	0.069	0.115		66.667	
n-Nitrosodiphenylamine	0.637	0.589		-7.535	20.0
Azobenzene	1.388	1.259		-9.294	
2,4,6-Tribromophenol	0.204	0.222		8.824	
4-Bromophenyl-phenylether	0.219	0.222		1.37	
Hexachlorobenzene	0.231	0.228		-1.299	
Atrazine	0.172	0.171		-0.581	
Pentachlorophenol	0.143	0.149		4.196	20.0
Phenanthrene	1.062	0.970		-8.663	
Anthracene	1.085	1.001		-7.742	
Carbazole	0.969	0.867		-10.526	
Di-n-butylphthalate	1.029	1.062		3.207	
Fluoranthene	1.122	1.026		-8.556	20.0
Benzidine	0.434	0.376		-13.364	
Pyrene	1.731	1.654		-4.448	
Terphenyl-d14	1.135	1.127		-0.705	
Butylbenzylphthalate	0.585	0.648		10.769	
3,3-Dichlorobenzidine	0.415	0.401		-3.373	
Benzo (a) anthracene	1.430	1.212		-15.245	
Chrysene	1.393	1.237		-11.199	
Bis (2-ethylhexyl) phthalate	0.689	0.687		-0.29	
Di-n-octyl phthalate	1.047	1.146		9.456	20.0
Benzo (b) fluoranthene	1.220	1.133		-7.131	
Benzo (k) fluoranthene	1.215	1.140		-6.173	
Benzo (a) pyrene	1.137	1.096		-3.606	20.0
Indeno (1,2,3-cd) pyrene	1.176	1.362		15.816	
Dibenzo (a,h) anthracene	0.951	1.125		18.297	
Benzo (g,h,i) perylene	0.970	1.139		17.423	



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Lab File ID: BF134701.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
1,2,4,5-Tetrachlorobenzene	0.582	0.574		-1.375	
1,4-Dioxane	0.605	0.524		-13.388	20.0
2,3,4,6-Tetrachlorophenol	0.344	0.349		1.453	
1-Methylnaphthalene	0.620	0.579		-6.613	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	PB154564BL	SDG No.:	BF081023
Lab Sample ID:	PB154564BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134702.D	1	8/1/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	270	330	ug/Kg
110-86-1	Pyridine	72.3	U	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.3	U	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	71.9	U	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.9	U	58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.5	U	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68	U	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	PB154564BL	SDG No.:	BF081023
Lab Sample ID:	PB154564BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134702.D	1	8/1/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.8	U	76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.4	U	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	PB154564BL	SDG No.:	BF081023
Lab Sample ID:	PB154564BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134702.D	1	8/1/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.133		18-112		79	SPK: -150
13127-88-3	Phenol-d6	115.129		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	98.236		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	89.188		20-109		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	148.444		10-110		99	SPK: -150
1718-51-0	Terphenyl-d14	80.172		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199366	6.798				
1146-65-2	Naphthalene-d8	795279	8.075				
15067-26-2	Acenaphthene-d10	414612	9.833				
1517-22-2	Phenanthrene-d10	806378	11.327				
1719-03-5	Chrysene-d12	612479	13.974				
1520-96-3	Perylene-d12	489306	15.445				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	PB154564BL	SDG No.:	BF081023
Lab Sample ID:	PB154564BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134702.D	1	8/1/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	68.9	J			2.163	
004744-10-9	Propane, 1,1-dimethoxy-	75.6	J			2.269	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	PB154717BS	SDG No.:	BF081023
Lab Sample ID:	PB154717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134703.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		77.2	270	330	ug/Kg
110-86-1	Pyridine	1300		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	1600		150	270	330	ug/Kg
62-53-3	Aniline	1200		120	130	170	ug/Kg
108-95-2	Phenol	1600		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		100	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1800		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	1700		75.1	130	170	ug/Kg
78-59-1	Isophorone	1600		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	2100		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	2000		210	270	330	ug/Kg
91-20-3	Naphthalene	1600		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	810		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1800		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1800		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	PB154717BS	SDG No.:	BF081023
Lab Sample ID:	PB154717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134703.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3600	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1400		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1800		80.2	130	170	ug/Kg
Total PAH	Total PAH	27800		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		90.3	130	170	ug/Kg
86-73-7	Fluorene	1600		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	2000		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		93.2	130	170	ug/Kg
103-33-3	Azobenzene	1600		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1800		98.7	130	170	ug/Kg
1912-24-9	Atrazine	2100		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	2900	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1600		92.6	130	170	ug/Kg
120-12-7	Anthracene	1600		100	130	170	ug/Kg
86-74-8	Carbazole	1600		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		100	130	170	ug/Kg
206-44-0	Fluoranthene	1600		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	PB154717BS	SDG No.:	BF081023
Lab Sample ID:	PB154717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134703.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2600		190	270	330	ug/Kg
129-00-0	Pyrene	1700		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.8	130	170	ug/Kg
218-01-9	Chrysene	1600		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.454		18-112		84	SPK: -150
13127-88-3	Phenol-d6	122.72		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	102.903		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	93.174		20-109		93	SPK: -100
118-79-6	2,4,6-Tribromophenol	154.805		10-110		103	SPK: -150
1718-51-0	Terphenyl-d14	103.587		14-112		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174109	6.804				
1146-65-2	Naphthalene-d8	703457	8.081				
15067-26-2	Acenaphthene-d10	357784	9.839				
1517-22-2	Phenanthrene-d10	671300	11.328				
1719-03-5	Chrysene-d12	416910	13.98				
1520-96-3	Perylene-d12	377976	15.451				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	PB154717BS	SDG No.:	BF081023
Lab Sample ID:	PB154717BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF134703.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	PB154698BS	SDG No.:	BF081023
Lab Sample ID:	PB154698BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134704.D	1	8/8/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154698

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		77.2	270	330	ug/Kg
110-86-1	Pyridine	1000		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	1200		150	270	330	ug/Kg
62-53-3	Aniline	1100		120	130	170	ug/Kg
108-95-2	Phenol	1400		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	1300		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1200		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		75.1	130	170	ug/Kg
78-59-1	Isophorone	1400		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	990		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1500		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	PB154698BS	SDG No.:	BF081023
Lab Sample ID:	PB154698BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134704.D	1	8/8/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154698

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3000	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1400		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1600		80.2	130	170	ug/Kg
Total PAH	Total PAH	24500		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		90.3	130	170	ug/Kg
86-73-7	Fluorene	1400		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		93.2	130	170	ug/Kg
103-33-3	Azobenzene	1400		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		98.7	130	170	ug/Kg
1912-24-9	Atrazine	1900		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	2600		110	270	330	ug/Kg
85-01-8	Phenanthrene	1400		92.6	130	170	ug/Kg
120-12-7	Anthracene	1400		100	130	170	ug/Kg
86-74-8	Carbazole	1400		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		100	130	170	ug/Kg
206-44-0	Fluoranthene	1400		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	PB154698BS	SDG No.:	BF081023
Lab Sample ID:	PB154698BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134704.D	1	8/8/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154698

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2500		190	270	330	ug/Kg
129-00-0	Pyrene	1600		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		83.8	130	170	ug/Kg
218-01-9	Chrysene	1400		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.193		18-112		70	SPK: -150
13127-88-3	Phenol-d6	104.229		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	88.946		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	78.939		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	131.219		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	96.287		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204441	6.804				
1146-65-2	Naphthalene-d8	810970	8.081				
15067-26-2	Acenaphthene-d10	414747	9.839				
1517-22-2	Phenanthrene-d10	751163	11.327				
1719-03-5	Chrysene-d12	438824	13.98				
1520-96-3	Perylene-d12	421198	15.451				



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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	PB154698BS	SDG No.:	BF081023
Lab Sample ID:	PB154698BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF134704.D	1	8/8/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154698

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP21A	SDG No.:	BF081023
Lab Sample ID:	O3943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.08	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
BF134705.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.5	U	53.5	190	230	ug/Kg
110-86-1	Pyridine	50.1	U	50.1	89.9	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	80.9	U	80.9	89.9	120	ug/Kg
108-95-2	Phenol	51.5	U	51.5	89.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.1	U	62.1	89.9	120	ug/Kg
95-57-8	2-Chlorophenol	49.8	U	49.8	89.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.5	U	56.5	89.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.2	U	61.2	89.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	89.9	120	ug/Kg
100-51-6	Benzyl Alcohol	68.3	U	68.3	190	230	ug/Kg
95-48-7	2-Methylphenol	78.9	U	78.9	89.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72.6	U	72.6	89.9	120	ug/Kg
98-86-2	Acetophenone	60	U	60	89.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	74.7	U	74.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.8	U	40.8	55.3	55.3	ug/Kg
67-72-1	Hexachloroethane	50.9	U	50.9	89.9	120	ug/Kg
98-95-3	Nitrobenzene	52	U	52	89.9	120	ug/Kg
78-59-1	Isophorone	47.1	U	47.1	89.9	120	ug/Kg
88-75-5	2-Nitrophenol	65.8	U	65.8	89.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.9	U	68.9	89.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	77.5	U	77.5	89.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	89.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.6	U	53.6	89.9	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	89.9	120	ug/Kg
106-47-8	4-Chloroaniline	72.6	U	72.6	89.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.1	U	58.1	89.9	120	ug/Kg
105-60-2	Caprolactam	80.9	U	80.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.1	U	57.1	89.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	65.6	U	65.6	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP21A	SDG No.:	BF081023
Lab Sample ID:	O3943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.08	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
BF134705.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.3	U	53.3	89.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60.8	U	60.8	89.9	120	ug/Kg
92-52-4	1,1-Biphenyl	63.2	U	63.2	89.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.5	U	58.5	89.9	120	ug/Kg
88-74-4	2-Nitroaniline	68.7	U	68.7	89.9	120	ug/Kg
131-11-3	Dimethylphthalate	61.5	U	61.5	89.9	120	ug/Kg
208-96-8	Acenaphthylene	84.2	J	61.1	89.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.3	U	62.3	89.9	120	ug/Kg
99-09-2	3-Nitroaniline	64.6	U	64.6	89.9	120	ug/Kg
83-32-9	Acenaphthene	55.5	U	55.5	89.9	120	ug/Kg
Total PAH	Total PAH	7671.5	U	993.9	89.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	190	230	ug/Kg
100-02-7	4-Nitrophenol	78.9	U	78.9	190	230	ug/Kg
132-64-9	Dibenzofuran	53.2	U	53.2	89.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	31.4	U	131.4	89.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	69.1	U	69.1	89.9	120	ug/Kg
84-66-2	Diethylphthalate	59.4	U	59.4	89.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.5	U	62.5	89.9	120	ug/Kg
86-73-7	Fluorene	58.7	U	58.7	89.9	120	ug/Kg
100-01-6	4-Nitroaniline	71.9	U	71.9	89.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60.7	U	60.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	64.5	U	64.5	89.9	120	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	89.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.4	U	67.4	89.9	120	ug/Kg
118-74-1	Hexachlorobenzene	68.3	U	68.3	89.9	120	ug/Kg
1912-24-9	Atrazine	66	U	66	89.9	120	ug/Kg
87-86-5	Pentachlorophenol	76.8	U	76.8	190	230	ug/Kg
85-01-8	Phenanthrene	330		64.1	89.9	120	ug/Kg
120-12-7	Anthracene	87.3	J	70.6	89.9	120	ug/Kg
86-74-8	Carbazole	58.7	U	58.7	89.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	71.9	U	71.9	89.9	120	ug/Kg
206-44-0	Fluoranthene	850		65.3	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP21A	SDG No.:	BF081023
Lab Sample ID:	O3943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF134705.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	1300		57.9	89.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.2	U	71.2	89.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	870		58	89.9	120	ug/Kg
218-01-9	Chrysene	850		60	89.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79.5	U	79.5	89.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	85.1	U	85.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		55.5	89.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		60.9	89.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	870		65.2	89.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		74	89.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150		66.8	89.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	580		64	89.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.8	U	61.8	89.9	120	ug/Kg
123-91-1	1,4-Dioxane	80.9	U	80.9	89.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.3	U	57.3	89.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.4	U	62.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.195		18-112		49	SPK: -150
13127-88-3	Phenol-d6	73.051		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	62.287		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	62.613		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	82.259		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	59.085		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204755	6.798				
1146-65-2	Naphthalene-d8	787198	8.081				
15067-26-2	Acenaphthene-d10	384120	9.833				
1517-22-2	Phenanthrene-d10	618574	11.322				
1719-03-5	Chrysene-d12	385939	13.98				
1520-96-3	Perylene-d12	366382	15.451				

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP21A	SDG No.:	BF081023
Lab Sample ID:	O3943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF134705.D	1	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	310	J			11.827	
000613-12-7	Anthracene, 2-methyl-	690	J			11.863	
000610-48-0	Anthracene, 1-methyl-	110	J			11.904	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	430	J			11.939	
004505-48-0	1H-Indene, 2-phenyl-	230	J			11.963	
000612-94-2	Naphthalene, 2-phenyl-	150	J			12.127	
000084-65-1	9,10-Anthracenedione	120	J			12.151	
003674-65-5	Phenanthrene, 2,3-dimethyl-	96.2	J			12.274	
003674-66-6	Phenanthrene, 2,5-dimethyl-	440	J			12.38	
001576-69-8	Phenanthrene, 2,7-dimethyl-	210	J			12.416	
005737-13-3	Cyclopenta(def)phenanthrenone	280	J			12.469	
000057-11-4	Octadecanoic acid	150	J			12.651	
002381-21-7	Pyrene, 1-methyl-	160	J			12.992	
003353-12-6	Pyrene, 4-methyl-	120	J			13.21	
000205-43-6	Benzo[b]naphtho[1,2-d]thiophene	100	J			13.721	
000479-79-8	11H-Benzo[a]fluoren-11-one	93.6	J			13.821	
002541-69-7	Benz[a]anthracene, 7-methyl-	150	J			14.368	
	unknown14.921	230	J			14.921	
000192-97-2	Benzo[e]pyrene	230	J			15.127	
000205-82-3	Benzo[j]fluoranthene	670	J			15.327	

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80	SDG No.:	BF081023
Lab Sample ID:	O3945-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134706.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4500	U	4500	15800	19400	ug/Kg
110-86-1	Pyridine	4200	U	4200	7600	10000	ug/Kg
100-52-7	Benzaldehyde	8700	U	8700	15800	19400	ug/Kg
62-53-3	Aniline	6900	U	6900	7600	10000	ug/Kg
108-95-2	Phenol	4400	U	4400	7600	10000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5300	U	5300	7600	10000	ug/Kg
95-57-8	2-Chlorophenol	4200	U	4200	7600	10000	ug/Kg
95-50-1	1,2-Dichlorobenzene	4800	U	4800	7600	10000	ug/Kg
541-73-1	1,3-Dichlorobenzene	5200	U	5200	7600	10000	ug/Kg
106-46-7	1,4-Dichlorobenzene	4800	U	4800	7600	10000	ug/Kg
100-51-6	Benzyl Alcohol	5800	U	5800	15800	19400	ug/Kg
95-48-7	2-Methylphenol	6700	U	6700	7600	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6200	U	6200	7600	10000	ug/Kg
98-86-2	Acetophenone	5100	U	5100	7600	10000	ug/Kg
65794-96-9	3+4-Methylphenols	6300	U	6300	15800	19400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3500	U	3500	4700	4700	ug/Kg
67-72-1	Hexachloroethane	4300	U	4300	7600	10000	ug/Kg
98-95-3	Nitrobenzene	4400	U	4400	7600	10000	ug/Kg
78-59-1	Isophorone	4000	U	4000	7600	10000	ug/Kg
88-75-5	2-Nitrophenol	5600	U	5600	7600	10000	ug/Kg
105-67-9	2,4-Dimethylphenol	5800	U	5800	7600	10000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6600	U	6600	7600	10000	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	U	4600	7600	10000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4500	U	4500	7600	10000	ug/Kg
65-85-0	Benzoic acid	12600	U	12600	15800	19400	ug/Kg
91-20-3	Naphthalene	199700	E	4800	7600	10000	ug/Kg
106-47-8	4-Chloroaniline	6200	U	6200	7600	10000	ug/Kg
87-68-3	Hexachlorobutadiene	4900	U	4900	7600	10000	ug/Kg
105-60-2	Caprolactam	6900	U	6900	15800	19400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4800	U	4800	7600	10000	ug/Kg
91-57-6	2-Methylnaphthalene	71800		5600	7600	10000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80	SDG No.:	BF081023
Lab Sample ID:	O3945-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134706.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12300	U	12300	15800	19400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	U	4500	7600	10000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5200	U	5200	7600	10000	ug/Kg
92-52-4	1,1-Biphenyl	12000		5400	7600	10000	ug/Kg
91-58-7	2-Chloronaphthalene	5000	U	5000	7600	10000	ug/Kg
88-74-4	2-Nitroaniline	5800	U	5800	7600	10000	ug/Kg
131-11-3	Dimethylphthalate	5200	U	5200	7600	10000	ug/Kg
208-96-8	Acenaphthylene	5600	J	5200	7600	10000	ug/Kg
606-20-2	2,6-Dinitrotoluene	5300	U	5300	7600	10000	ug/Kg
99-09-2	3-Nitroaniline	5500	U	5500	7600	10000	ug/Kg
83-32-9	Acenaphthene	47500		4700	7600	10000	ug/Kg
Total PAH	Total PAH	504000		84300	7600	160000	ug/Kg
51-28-5	2,4-Dinitrophenol	10600	U	10600	15800	19400	ug/Kg
100-02-7	4-Nitrophenol	6700	U	6700	15800	19400	ug/Kg
132-64-9	Dibenzofuran	4500	U	4500	7600	10000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5900	U	5900	7600	10000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1200	U	11200	7600	20000	ug/Kg
84-66-2	Diethylphthalate	5000	U	5000	7600	10000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5300	U	5300	7600	10000	ug/Kg
86-73-7	Fluorene	18800		5000	7600	10000	ug/Kg
100-01-6	4-Nitroaniline	6100	U	6100	7600	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5200	U	5200	15800	19400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5500	U	5500	7600	10000	ug/Kg
103-33-3	Azobenzene	4300	U	4300	7600	10000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5700	U	5700	7600	10000	ug/Kg
118-74-1	Hexachlorobenzene	5800	U	5800	7600	10000	ug/Kg
1912-24-9	Atrazine	5600	U	5600	7600	10000	ug/Kg
87-86-5	Pentachlorophenol	6500	U	6500	15800	19400	ug/Kg
85-01-8	Phenanthrene	76700		5400	7600	10000	ug/Kg
120-12-7	Anthracene	22900		6000	7600	10000	ug/Kg
86-74-8	Carbazole	5000	U	5000	7600	10000	ug/Kg
84-74-2	Di-n-butylphthalate	6100	U	6100	7600	10000	ug/Kg
206-44-0	Fluoranthene	28000		5500	7600	10000	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80	SDG No.:	BF081023
Lab Sample ID:	O3945-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134706.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	11300	U	11300	15800	19400	ug/Kg
129-00-0	Pyrene	39300		4900	7600	10000	ug/Kg
85-68-7	Butylbenzylphthalate	6000	U	6000	7600	10000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9400	U	9400	15800	19400	ug/Kg
56-55-3	Benzo(a)anthracene	19100		4900	7600	10000	ug/Kg
218-01-9	Chrysene	15900		5100	7600	10000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6700	U	6700	7600	10000	ug/Kg
117-84-0	Di-n-octyl phthalate	7200	U	7200	15800	19400	ug/Kg
205-99-2	Benzo(b)fluoranthene	11300		4700	7600	10000	ug/Kg
207-08-9	Benzo(k)fluoranthene	5200	U	5200	7600	10000	ug/Kg
50-32-8	Benzo(a)pyrene	13700		5500	7600	10000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6300	U	6300	7600	10000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5700	U	5700	7600	10000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5500	J	5400	7600	10000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5200	U	5200	7600	10000	ug/Kg
123-91-1	1,4-Dioxane	6900	U	6900	7600	10000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4900	U	4900	7600	10000	ug/Kg
90-12-0	1-Methylnaphthalene	67200		5300	10000	10000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	60.75		18-112		41	SPK: -150
13127-88-3	Phenol-d6	56.95		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	59.8		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	78.65		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	67.1		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	76.85		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166869	6.798				
1146-65-2	Naphthalene-d8	655734	8.081				
15067-26-2	Acenaphthene-d10	317052	9.833				
1517-22-2	Phenanthrene-d10	530616	11.327				
1719-03-5	Chrysene-d12	339076	13.974				
1520-96-3	Perylene-d12	322027	15.445				

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80	SDG No.:	BF081023
Lab Sample ID:	O3945-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134706.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000620-14-4	Benzene, 1-ethyl-3-methyl-	18900	J			6.328	
000108-67-8	Mesitylene	22300	J			6.628	
000496-11-7	Indane	73500	J			6.981	
000527-84-4	o-Cymene	13400	J			7.116	
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	20400	J			7.828	
002177-47-1	2-Methylindene	20700	J			7.863	
000939-27-5	Naphthalene, 2-ethyl-	17000	J			9.351	
000581-42-0	Naphthalene, 2,6-dimethyl-	19500	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	26400	J			9.492	
000575-41-7	Naphthalene, 1,3-dimethyl-	14300	J			9.61	
067240-79-3	3-Trifluoromethylbenzhydryl chloride	13400	J			10.604	
000132-65-0	Dibenzothiophene	12400	J			11.222	
002531-84-2	Phenanthrene, 2-methyl-	19900	J			11.827	
000832-69-9	Phenanthrene, 1-methyl-	24800	J			11.857	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	29400	J			11.939	
000610-48-0	Anthracene, 1-methyl-	12900	J			11.963	
003674-66-6	Phenanthrene, 2,5-dimethyl-	15700	J			12.38	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	12400	J			12.633	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20	SDG No.:	BF081023
Lab Sample ID:	O3932-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134707.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4700	U	4700	16400	20100	ug/Kg
110-86-1	Pyridine	4400	U	4400	7900	10300	ug/Kg
100-52-7	Benzaldehyde	9000	U	9000	16400	20100	ug/Kg
62-53-3	Aniline	7100	U	7100	7900	10300	ug/Kg
108-95-2	Phenol	4500	U	4500	7900	10300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5500	U	5500	7900	10300	ug/Kg
95-57-8	2-Chlorophenol	4400	U	4400	7900	10300	ug/Kg
95-50-1	1,2-Dichlorobenzene	5000	U	5000	7900	10300	ug/Kg
541-73-1	1,3-Dichlorobenzene	5400	U	5400	7900	10300	ug/Kg
106-46-7	1,4-Dichlorobenzene	5000	U	5000	7900	10300	ug/Kg
100-51-6	Benzyl Alcohol	6000	U	6000	16400	20100	ug/Kg
95-48-7	2-Methylphenol	6900	U	6900	7900	10300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6400	U	6400	7900	10300	ug/Kg
98-86-2	Acetophenone	5300	U	5300	7900	10300	ug/Kg
65794-96-9	3+4-Methylphenols	6600	U	6600	16400	20100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600	U	3600	4900	4900	ug/Kg
67-72-1	Hexachloroethane	4500	U	4500	7900	10300	ug/Kg
98-95-3	Nitrobenzene	4600	U	4600	7900	10300	ug/Kg
78-59-1	Isophorone	4100	U	4100	7900	10300	ug/Kg
88-75-5	2-Nitrophenol	5800	U	5800	7900	10300	ug/Kg
105-67-9	2,4-Dimethylphenol	6100	U	6100	7900	10300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6800	U	6800	7900	10300	ug/Kg
120-83-2	2,4-Dichlorophenol	4700	U	4700	7900	10300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4700	U	4700	7900	10300	ug/Kg
65-85-0	Benzoic acid	13000	U	13000	16400	20100	ug/Kg
91-20-3	Naphthalene	240200	E	4900	7900	10300	ug/Kg
106-47-8	4-Chloroaniline	6400	U	6400	7900	10300	ug/Kg
87-68-3	Hexachlorobutadiene	5100	U	5100	7900	10300	ug/Kg
105-60-2	Caprolactam	7100	U	7100	16400	20100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5000	U	5000	7900	10300	ug/Kg
91-57-6	2-Methylnaphthalene	132300		5800	7900	10300	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20	SDG No.:	BF081023
Lab Sample ID:	O3932-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134707.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12800	U	12800	16400	20100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4700	U	4700	7900	10300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5300	U	5300	7900	10300	ug/Kg
92-52-4	1,1-Biphenyl	16900		5500	7900	10300	ug/Kg
91-58-7	2-Chloronaphthalene	5100	U	5100	7900	10300	ug/Kg
88-74-4	2-Nitroaniline	6000	U	6000	7900	10300	ug/Kg
131-11-3	Dimethylphthalate	5400	U	5400	7900	10300	ug/Kg
208-96-8	Acenaphthylene	5500	J	5400	7900	10300	ug/Kg
606-20-2	2,6-Dinitrotoluene	5500	U	5500	7900	10300	ug/Kg
99-09-2	3-Nitroaniline	5700	U	5700	7900	10300	ug/Kg
83-32-9	Acenaphthene	68200		4900	7900	10300	ug/Kg
Total PAH	Total PAH	584300		87400	7900	164800	ug/Kg
51-28-5	2,4-Dinitrophenol	10900	U	10900	16400	20100	ug/Kg
100-02-7	4-Nitrophenol	6900	U	6900	16400	20100	ug/Kg
132-64-9	Dibenzofuran	4700	U	4700	7900	10300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1600	U	11600	7900	20600	ug/Kg
121-14-2	2,4-Dinitrotoluene	6100	U	6100	7900	10300	ug/Kg
84-66-2	Diethylphthalate	5200	U	5200	7900	10300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5500	U	5500	7900	10300	ug/Kg
86-73-7	Fluorene	33200		5200	7900	10300	ug/Kg
100-01-6	4-Nitroaniline	6300	U	6300	7900	10300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5300	U	5300	16400	20100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5700	U	5700	7900	10300	ug/Kg
103-33-3	Azobenzene	4500	U	4500	7900	10300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5900	U	5900	7900	10300	ug/Kg
118-74-1	Hexachlorobenzene	6000	U	6000	7900	10300	ug/Kg
1912-24-9	Atrazine	5800	U	5800	7900	10300	ug/Kg
87-86-5	Pentachlorophenol	6700	U	6700	16400	20100	ug/Kg
85-01-8	Phenanthrene	85900		5600	7900	10300	ug/Kg
120-12-7	Anthracene	26900		6200	7900	10300	ug/Kg
86-74-8	Carbazole	5200	U	5200	7900	10300	ug/Kg
84-74-2	Di-n-butylphthalate	6300	U	6300	7900	10300	ug/Kg
206-44-0	Fluoranthene	27300		5700	7900	10300	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20	SDG No.:	BF081023
Lab Sample ID:	O3932-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134707.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	11700	U	11700	16400	20100	ug/Kg
129-00-0	Pyrene	40200		5100	7900	10300	ug/Kg
85-68-7	Butylbenzylphthalate	6300	U	6300	7900	10300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9800	U	9800	16400	20100	ug/Kg
56-55-3	Benzo(a)anthracene	17800		5100	7900	10300	ug/Kg
218-01-9	Chrysene	15300		5300	7900	10300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7000	U	7000	7900	10300	ug/Kg
117-84-0	Di-n-octyl phthalate	7500	U	7500	16400	20100	ug/Kg
205-99-2	Benzo(b)fluoranthene	10700		4900	7900	10300	ug/Kg
207-08-9	Benzo(k)fluoranthene	5400	U	5400	7900	10300	ug/Kg
50-32-8	Benzo(a)pyrene	13100		5700	7900	10300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6500	U	6500	7900	10300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5900	U	5900	7900	10300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5600	U	5600	7900	10300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5400	U	5400	7900	10300	ug/Kg
123-91-1	1,4-Dioxane	7100	U	7100	7900	10300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5000	U	5000	7900	10300	ug/Kg
90-12-0	1-Methylnaphthalene	96400		5500	10300	10300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	38.25		18-112		25	SPK: -150
13127-88-3	Phenol-d6	39.45		15-107		26	SPK: -150
4165-60-0	Nitrobenzene-d5	49.8		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	60.4		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	40.35		10-110		27	SPK: -150
1718-51-0	Terphenyl-d14	56.5		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164791	6.798				
1146-65-2	Naphthalene-d8	645135	8.081				
15067-26-2	Acenaphthene-d10	308177	9.833				
1517-22-2	Phenanthrene-d10	515347	11.327				
1719-03-5	Chrysene-d12	332548	13.974				
1520-96-3	Perylene-d12	305318	15.445				

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20	SDG No.:	BF081023
Lab Sample ID:	O3932-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134707.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000526-73-8	Benzene, 1,2,3-trimethyl-	20100	J			6.628	
000496-11-7	Indane	91400	J			6.981	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	20000	J			7.116	
000099-87-6	p-Cymene	18900	J			7.334	
001127-76-0	Naphthalene, 1-ethyl-	35000	J			9.351	
000581-42-0	Naphthalene, 2,6-dimethyl-	30000	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	38500	J			9.492	
000571-61-9	Naphthalene, 1,5-dimethyl-	20900	J			9.522	
000573-98-8	Naphthalene, 1,2-dimethyl-	20900	J			9.61	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	13600	J			9.939	
	unknown10.492	13300	J			10.492	
006975-98-0	Decane, 2-methyl-	17000	J			10.757	
001730-37-6	9H-Fluorene, 1-methyl-	14800	J			10.933	
000132-65-0	Dibenzothiophene	22500	J			11.222	
002531-84-2	Phenanthrene, 2-methyl-	22200	J			11.827	
000613-12-7	Anthracene, 2-methyl-	26400	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	33500	J			11.939	
000832-69-9	Phenanthrene, 1-methyl-	15600	J			11.963	
003674-66-6	Phenanthrene, 2,5-dimethyl-	20000	J			12.38	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22	SDG No.:	BF081023
Lab Sample ID:	O3932-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134708.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4800	U	4800	16600	20300	ug/Kg
110-86-1	Pyridine	4500	U	4500	8000	10500	ug/Kg
100-52-7	Benzaldehyde	9100	U	9100	16600	20300	ug/Kg
62-53-3	Aniline	7200	U	7200	8000	10500	ug/Kg
108-95-2	Phenol	4600	U	4600	8000	10500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5500	U	5500	8000	10500	ug/Kg
95-57-8	2-Chlorophenol	4400	U	4400	8000	10500	ug/Kg
95-50-1	1,2-Dichlorobenzene	5000	U	5000	8000	10500	ug/Kg
541-73-1	1,3-Dichlorobenzene	5400	U	5400	8000	10500	ug/Kg
106-46-7	1,4-Dichlorobenzene	5100	U	5100	8000	10500	ug/Kg
100-51-6	Benzyl Alcohol	6100	U	6100	16600	20300	ug/Kg
95-48-7	2-Methylphenol	7000	U	7000	8000	10500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6500	U	6500	8000	10500	ug/Kg
98-86-2	Acetophenone	5300	U	5300	8000	10500	ug/Kg
65794-96-9	3+4-Methylphenols	6600	U	6600	16600	20300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600	U	3600	4900	4900	ug/Kg
67-72-1	Hexachloroethane	4500	U	4500	8000	10500	ug/Kg
98-95-3	Nitrobenzene	4600	U	4600	8000	10500	ug/Kg
78-59-1	Isophorone	4200	U	4200	8000	10500	ug/Kg
88-75-5	2-Nitrophenol	5800	U	5800	8000	10500	ug/Kg
105-67-9	2,4-Dimethylphenol	6100	U	6100	8000	10500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6900	U	6900	8000	10500	ug/Kg
120-83-2	2,4-Dichlorophenol	4800	U	4800	8000	10500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4800	U	4800	8000	10500	ug/Kg
65-85-0	Benzoic acid	13200	U	13200	16600	20300	ug/Kg
91-20-3	Naphthalene	224000	E	5000	8000	10500	ug/Kg
106-47-8	4-Chloroaniline	6500	U	6500	8000	10500	ug/Kg
87-68-3	Hexachlorobutadiene	5200	U	5200	8000	10500	ug/Kg
105-60-2	Caprolactam	7200	U	7200	16600	20300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5100	U	5100	8000	10500	ug/Kg
91-57-6	2-Methylnaphthalene	117600		5800	8000	10500	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22	SDG No.:	BF081023
Lab Sample ID:	O3932-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134708.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12900	U	12900	16600	20300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4700	U	4700	8000	10500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5400	U	5400	8000	10500	ug/Kg
92-52-4	1,1-Biphenyl	13800		5600	8000	10500	ug/Kg
91-58-7	2-Chloronaphthalene	5200	U	5200	8000	10500	ug/Kg
88-74-4	2-Nitroaniline	6100	U	6100	8000	10500	ug/Kg
131-11-3	Dimethylphthalate	5500	U	5500	8000	10500	ug/Kg
208-96-8	Acenaphthylene	5400	U	5400	8000	10500	ug/Kg
606-20-2	2,6-Dinitrotoluene	5500	U	5500	8000	10500	ug/Kg
99-09-2	3-Nitroaniline	5700	U	5700	8000	10500	ug/Kg
83-32-9	Acenaphthene	56700		4900	8000	10500	ug/Kg
Total PAH	Total PAH	502200		88200	8000	168000	ug/Kg
51-28-5	2,4-Dinitrophenol	11100	U	11100	16600	20300	ug/Kg
100-02-7	4-Nitrophenol	7000	U	7000	16600	20300	ug/Kg
132-64-9	Dibenzofuran	4700	U	4700	8000	10500	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1600	U	11600	8000	21000	ug/Kg
121-14-2	2,4-Dinitrotoluene	6100	U	6100	8000	10500	ug/Kg
84-66-2	Diethylphthalate	5300	U	5300	8000	10500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5600	U	5600	8000	10500	ug/Kg
86-73-7	Fluorene	26700		5200	8000	10500	ug/Kg
100-01-6	4-Nitroaniline	6400	U	6400	8000	10500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5400	U	5400	16600	20300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5700	U	5700	8000	10500	ug/Kg
103-33-3	Azobenzene	4500	U	4500	8000	10500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6000	U	6000	8000	10500	ug/Kg
118-74-1	Hexachlorobenzene	6100	U	6100	8000	10500	ug/Kg
1912-24-9	Atrazine	5900	U	5900	8000	10500	ug/Kg
87-86-5	Pentachlorophenol	6800	U	6800	16600	20300	ug/Kg
85-01-8	Phenanthrene	72100		5700	8000	10500	ug/Kg
120-12-7	Anthracene	21800		6300	8000	10500	ug/Kg
86-74-8	Carbazole	5200	U	5200	8000	10500	ug/Kg
84-74-2	Di-n-butylphthalate	6400	U	6400	8000	10500	ug/Kg
206-44-0	Fluoranthene	22500		5800	8000	10500	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22	SDG No.:	BF081023
Lab Sample ID:	O3932-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134708.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	11900	U	11900	16600	20300	ug/Kg
129-00-0	Pyrene	32300		5100	8000	10500	ug/Kg
85-68-7	Butylbenzylphthalate	6300	U	6300	8000	10500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9900	U	9900	16600	20300	ug/Kg
56-55-3	Benzo(a)anthracene	14500		5200	8000	10500	ug/Kg
218-01-9	Chrysene	12100		5300	8000	10500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7100	U	7100	8000	10500	ug/Kg
117-84-0	Di-n-octyl phthalate	7600	U	7600	16600	20300	ug/Kg
205-99-2	Benzo(b)fluoranthene	8700	J	4900	8000	10500	ug/Kg
207-08-9	Benzo(k)fluoranthene	5400	U	5400	8000	10500	ug/Kg
50-32-8	Benzo(a)pyrene	10800		5800	8000	10500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6600	U	6600	8000	10500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5900	U	5900	8000	10500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5700	U	5700	8000	10500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5500	U	5500	8000	10500	ug/Kg
123-91-1	1,4-Dioxane	7200	U	7200	8000	10500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5100	U	5100	8000	10500	ug/Kg
90-12-0	1-Methylnaphthalene	82400		5500	10500	10500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	50.1		18-112		33	SPK: -150
13127-88-3	Phenol-d6	50.5		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	61.5		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	70.9		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	51.8		10-110		35	SPK: -150
1718-51-0	Terphenyl-d14	69.25		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154926	6.798				
1146-65-2	Naphthalene-d8	614834	8.081				
15067-26-2	Acenaphthene-d10	296471	9.833				
1517-22-2	Phenanthrene-d10	483136	11.322				
1719-03-5	Chrysene-d12	320195	13.974				
1520-96-3	Perylene-d12	294183	15.445				

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22	SDG No.:	BF081023
Lab Sample ID:	O3932-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134708.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000526-73-8	Benzene, 1,2,3-trimethyl-	20900	J			6.628	
000496-11-7	Indane	87900	J			6.981	
000527-84-4	o-Cymene	18600	J			7.116	
000099-87-6	p-Cymene	16900	J			7.334	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	15000	J			7.751	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	28200	J			7.822	
002177-47-1	2-Methylindene	25200	J			7.863	
000939-27-5	Naphthalene, 2-ethyl-	30500	J			9.351	
000581-42-0	Naphthalene, 2,6-dimethyl-	25900	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	33900	J			9.492	
000582-16-1	Naphthalene, 2,7-dimethyl-	17800	J			9.522	
000571-61-9	Naphthalene, 1,5-dimethyl-	16400	J			9.61	
026730-12-1	Tridecane, 4-methyl-	15000	J			10.757	
000132-65-0	Dibenzothiophene	19300	J			11.222	
000779-02-2	Anthracene, 9-methyl-	17600	J			11.827	
002531-84-2	Phenanthrene, 2-methyl-	21200	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	28300	J			11.939	
000832-64-4	Phenanthrene, 4-methyl-	12200	J			11.963	
003674-66-6	Phenanthrene, 2,5-dimethyl-	12600	J			12.38	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z30-32	SDG No.:	BF081023
Lab Sample ID:	O3932-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134709.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4600	U	4600	16200	19800	ug/Kg
110-86-1	Pyridine	4400	U	4400	7800	10200	ug/Kg
100-52-7	Benzaldehyde	8900	U	8900	16200	19800	ug/Kg
62-53-3	Aniline	7000	U	7000	7800	10200	ug/Kg
108-95-2	Phenol	4500	U	4500	7800	10200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5400	U	5400	7800	10200	ug/Kg
95-57-8	2-Chlorophenol	4300	U	4300	7800	10200	ug/Kg
95-50-1	1,2-Dichlorobenzene	4900	U	4900	7800	10200	ug/Kg
541-73-1	1,3-Dichlorobenzene	5300	U	5300	7800	10200	ug/Kg
106-46-7	1,4-Dichlorobenzene	5000	U	5000	7800	10200	ug/Kg
100-51-6	Benzyl Alcohol	5900	U	5900	16200	19800	ug/Kg
95-48-7	2-Methylphenol	6900	U	6900	7800	10200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6300	U	6300	7800	10200	ug/Kg
98-86-2	Acetophenone	5200	U	5200	7800	10200	ug/Kg
65794-96-9	3+4-Methylphenols	6500	U	6500	16200	19800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3500	U	3500	4800	4800	ug/Kg
67-72-1	Hexachloroethane	4400	U	4400	7800	10200	ug/Kg
98-95-3	Nitrobenzene	4500	U	4500	7800	10200	ug/Kg
78-59-1	Isophorone	4100	U	4100	7800	10200	ug/Kg
88-75-5	2-Nitrophenol	5700	U	5700	7800	10200	ug/Kg
105-67-9	2,4-Dimethylphenol	6000	U	6000	7800	10200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6700	U	6700	7800	10200	ug/Kg
120-83-2	2,4-Dichlorophenol	4700	U	4700	7800	10200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4700	U	4700	7800	10200	ug/Kg
65-85-0	Benzoic acid	12900	U	12900	16200	19800	ug/Kg
91-20-3	Naphthalene	270100	E	4900	7800	10200	ug/Kg
106-47-8	4-Chloroaniline	6300	U	6300	7800	10200	ug/Kg
87-68-3	Hexachlorobutadiene	5100	U	5100	7800	10200	ug/Kg
105-60-2	Caprolactam	7000	U	7000	16200	19800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5000	U	5000	7800	10200	ug/Kg
91-57-6	2-Methylnaphthalene	134800		5700	7800	10200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z30-32	SDG No.:	BF081023
Lab Sample ID:	O3932-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134709.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12600	U	12600	16200	19800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4600	U	4600	7800	10200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5300	U	5300	7800	10200	ug/Kg
92-52-4	1,1-Biphenyl	19500		5500	7800	10200	ug/Kg
91-58-7	2-Chloronaphthalene	5100	U	5100	7800	10200	ug/Kg
88-74-4	2-Nitroaniline	6000	U	6000	7800	10200	ug/Kg
131-11-3	Dimethylphthalate	5300	U	5300	7800	10200	ug/Kg
208-96-8	Acenaphthylene	6400	J	5300	7800	10200	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400	U	5400	7800	10200	ug/Kg
99-09-2	3-Nitroaniline	5600	U	5600	7800	10200	ug/Kg
83-32-9	Acenaphthene	75500		4800	7800	10200	ug/Kg
Total PAH	Total PAH	673600		86300	7800	163200	ug/Kg
51-28-5	2,4-Dinitrophenol	10800	U	10800	16200	19800	ug/Kg
100-02-7	4-Nitrophenol	6900	U	6900	16200	19800	ug/Kg
132-64-9	Dibenzofuran	4600	U	4600	7800	10200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1400	U	11400	7800	20400	ug/Kg
121-14-2	2,4-Dinitrotoluene	6000	U	6000	7800	10200	ug/Kg
84-66-2	Diethylphthalate	5200	U	5200	7800	10200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5400	U	5400	7800	10200	ug/Kg
86-73-7	Fluorene	37500		5100	7800	10200	ug/Kg
100-01-6	4-Nitroaniline	6300	U	6300	7800	10200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5300	U	5300	16200	19800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5600	U	5600	7800	10200	ug/Kg
103-33-3	Azobenzene	4400	U	4400	7800	10200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5900	U	5900	7800	10200	ug/Kg
118-74-1	Hexachlorobenzene	5900	U	5900	7800	10200	ug/Kg
1912-24-9	Atrazine	5700	U	5700	7800	10200	ug/Kg
87-86-5	Pentachlorophenol	6700	U	6700	16200	19800	ug/Kg
85-01-8	Phenanthrene	97100		5600	7800	10200	ug/Kg
120-12-7	Anthracene	29100		6100	7800	10200	ug/Kg
86-74-8	Carbazole	5100	U	5100	7800	10200	ug/Kg
84-74-2	Di-n-butylphthalate	6300	U	6300	7800	10200	ug/Kg
206-44-0	Fluoranthene	33800		5700	7800	10200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z30-32	SDG No.:	BF081023
Lab Sample ID:	O3932-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134709.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	11600	U	11600	16200	19800	ug/Kg
129-00-0	Pyrene	51000		5000	7800	10200	ug/Kg
85-68-7	Butylbenzylphthalate	6200	U	6200	7800	10200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9700	U	9700	16200	19800	ug/Kg
56-55-3	Benzo(a)anthracene	19400		5000	7800	10200	ug/Kg
218-01-9	Chrysene	16400		5200	7800	10200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6900	U	6900	7800	10200	ug/Kg
117-84-0	Di-n-octyl phthalate	7400	U	7400	16200	19800	ug/Kg
205-99-2	Benzo(b)fluoranthene	13300		4800	7800	10200	ug/Kg
207-08-9	Benzo(k)fluoranthene	5300	U	5300	7800	10200	ug/Kg
50-32-8	Benzo(a)pyrene	17100		5700	7800	10200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6400	U	6400	7800	10200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5800	U	5800	7800	10200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6900	J	5600	7800	10200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5400	U	5400	7800	10200	ug/Kg
123-91-1	1,4-Dioxane	7000	U	7000	7800	10200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5000	U	5000	7800	10200	ug/Kg
90-12-0	1-Methylnaphthalene	104700		5400	10200	10200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	51.2		18-112		34	SPK: -150
13127-88-3	Phenol-d6	50.65		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	54.6		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	69.95		20-109		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	54.55		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	72.6		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161849	6.798				
1146-65-2	Naphthalene-d8	646422	8.081				
15067-26-2	Acenaphthene-d10	317532	9.833				
1517-22-2	Phenanthrene-d10	527572	11.327				
1719-03-5	Chrysene-d12	342171	13.974				
1520-96-3	Perylene-d12	317829	15.445				

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z30-32	SDG No.:	BF081023
Lab Sample ID:	O3932-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134709.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000108-67-8	Mesitylene	17900	J			6.628	
000496-11-7	Indane	88300	J			6.981	
000527-84-4	o-Cymene	13100	J			7.116	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	15700	J			7.334	
001127-76-0	Naphthalene, 1-ethyl-	34900	J			9.351	
000575-37-1	Naphthalene, 1,7-dimethyl-	32900	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	37100	J			9.492	
000581-42-0	Naphthalene, 2,6-dimethyl-	21300	J			9.522	
000571-58-4	Naphthalene, 1,4-dimethyl-	18000	J			9.61	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	12800	J			9.939	
	unknown10.492	13000	J			10.492	
018435-22-8	Tetradecane, 3-methyl-	18400	J			10.757	
001430-97-3	9H-Fluorene, 2-methyl-	13400	J			10.933	
000132-65-0	Dibenzothiophene	25400	J			11.222	
002531-84-2	Phenanthrene, 2-methyl-	20600	J			11.827	
000832-69-9	Phenanthrene, 1-methyl-	25200	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	33400	J			11.939	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	13900	J			11.963	
003674-66-6	Phenanthrene, 2,5-dimethyl-	12800	J			12.38	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z67-69	SDG No.:	BF081023
Lab Sample ID:	O3932-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.07 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
BF134710.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4300	U	4300	14800	18100	ug/Kg
110-86-1	Pyridine	4000	U	4000	7100	9300	ug/Kg
100-52-7	Benzaldehyde	8100	U	8100	14800	18100	ug/Kg
62-53-3	Aniline	6400	U	6400	7100	9300	ug/Kg
108-95-2	Phenol	4100	U	4100	7100	9300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4900	U	4900	7100	9300	ug/Kg
95-57-8	2-Chlorophenol	4000	U	4000	7100	9300	ug/Kg
95-50-1	1,2-Dichlorobenzene	4500	U	4500	7100	9300	ug/Kg
541-73-1	1,3-Dichlorobenzene	4900	U	4900	7100	9300	ug/Kg
106-46-7	1,4-Dichlorobenzene	4500	U	4500	7100	9300	ug/Kg
100-51-6	Benzyl Alcohol	5400	U	5400	14800	18100	ug/Kg
95-48-7	2-Methylphenol	6300	U	6300	7100	9300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	5800	U	5800	7100	9300	ug/Kg
98-86-2	Acetophenone	4800	U	4800	7100	9300	ug/Kg
65794-96-9	3+4-Methylphenols	5900	U	5900	14800	18100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3200	U	3200	4400	4400	ug/Kg
67-72-1	Hexachloroethane	4000	U	4000	7100	9300	ug/Kg
98-95-3	Nitrobenzene	4100	U	4100	7100	9300	ug/Kg
78-59-1	Isophorone	3700	U	3700	7100	9300	ug/Kg
88-75-5	2-Nitrophenol	5200	U	5200	7100	9300	ug/Kg
105-67-9	2,4-Dimethylphenol	5500	U	5500	7100	9300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6200	U	6200	7100	9300	ug/Kg
120-83-2	2,4-Dichlorophenol	4300	U	4300	7100	9300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4300	U	4300	7100	9300	ug/Kg
65-85-0	Benzoic acid	11800	U	11800	14800	18100	ug/Kg
91-20-3	Naphthalene	205200	E	4500	7100	9300	ug/Kg
106-47-8	4-Chloroaniline	5800	U	5800	7100	9300	ug/Kg
87-68-3	Hexachlorobutadiene	4600	U	4600	7100	9300	ug/Kg
105-60-2	Caprolactam	6400	U	6400	14800	18100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4500	U	4500	7100	9300	ug/Kg
91-57-6	2-Methylnaphthalene	96900		5200	7100	9300	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z67-69	SDG No.:	BF081023
Lab Sample ID:	O3932-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.07 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
BF134710.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	11500	U	11500	14800	18100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4200	U	4200	7100	9300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4800	U	4800	7100	9300	ug/Kg
92-52-4	1,1-Biphenyl	12900		5000	7100	9300	ug/Kg
91-58-7	2-Chloronaphthalene	4700	U	4700	7100	9300	ug/Kg
88-74-4	2-Nitroaniline	5500	U	5500	7100	9300	ug/Kg
131-11-3	Dimethylphthalate	4900	U	4900	7100	9300	ug/Kg
208-96-8	Acenaphthylene	5300	J	4900	7100	9300	ug/Kg
606-20-2	2,6-Dinitrotoluene	4900	U	4900	7100	9300	ug/Kg
99-09-2	3-Nitroaniline	5100	U	5100	7100	9300	ug/Kg
83-32-9	Acenaphthene	46200		4400	7100	9300	ug/Kg
Total PAH	Total PAH	475400		79100	7100	148800	ug/Kg
51-28-5	2,4-Dinitrophenol	9900	U	9900	14800	18100	ug/Kg
100-02-7	4-Nitrophenol	6300	U	6300	14800	18100	ug/Kg
132-64-9	Dibenzofuran	4200	U	4200	7100	9300	ug/Kg
121-14-2	2,4-Dinitrotoluene	5500	U	5500	7100	9300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10400	U	10400	7100	18600	ug/Kg
84-66-2	Diethylphthalate	4700	U	4700	7100	9300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5000	U	5000	7100	9300	ug/Kg
86-73-7	Fluorene	26000		4700	7100	9300	ug/Kg
100-01-6	4-Nitroaniline	5700	U	5700	7100	9300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800	U	4800	14800	18100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5100	U	5100	7100	9300	ug/Kg
103-33-3	Azobenzene	4000	U	4000	7100	9300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5400	U	5400	7100	9300	ug/Kg
118-74-1	Hexachlorobenzene	5400	U	5400	7100	9300	ug/Kg
1912-24-9	Atrazine	5200	U	5200	7100	9300	ug/Kg
87-86-5	Pentachlorophenol	6100	U	6100	14800	18100	ug/Kg
85-01-8	Phenanthrene	67500		5100	7100	9300	ug/Kg
120-12-7	Anthracene	19500		5600	7100	9300	ug/Kg
86-74-8	Carbazole	4700	U	4700	7100	9300	ug/Kg
84-74-2	Di-n-butylphthalate	5700	U	5700	7100	9300	ug/Kg
206-44-0	Fluoranthene	23700		5200	7100	9300	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z67-69	SDG No.:	BF081023
Lab Sample ID:	O3932-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.07 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
BF134710.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	10600	U	10600	14800	18100	ug/Kg
129-00-0	Pyrene	33000		4600	7100	9300	ug/Kg
85-68-7	Butylbenzylphthalate	5700	U	5700	7100	9300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	8900	U	8900	14800	18100	ug/Kg
56-55-3	Benzo(a)anthracene	15700		4600	7100	9300	ug/Kg
218-01-9	Chrysene	12900		4800	7100	9300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6300	U	6300	7100	9300	ug/Kg
117-84-0	Di-n-octyl phthalate	6800	U	6800	14800	18100	ug/Kg
205-99-2	Benzo(b)fluoranthene	9300		4400	7100	9300	ug/Kg
207-08-9	Benzo(k)fluoranthene	4800	U	4800	7100	9300	ug/Kg
50-32-8	Benzo(a)pyrene	11100		5200	7100	9300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5900	U	5900	7100	9300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5300	U	5300	7100	9300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5100	U	5100	7100	9300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4900	U	4900	7100	9300	ug/Kg
123-91-1	1,4-Dioxane	6400	U	6400	7100	9300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4600	U	4600	7100	9300	ug/Kg
90-12-0	1-Methylnaphthalene	70900		5000	9300	9300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	29.4		18-112		20	SPK: -150
13127-88-3	Phenol-d6	30.15		15-107		20	SPK: -150
4165-60-0	Nitrobenzene-d5	31.85		18-107		32	SPK: -100
321-60-8	2-Fluorobiphenyl	47.7		20-109		48	SPK: -100
118-79-6	2,4,6-Tribromophenol	28.5		10-110		19	SPK: -150
1718-51-0	Terphenyl-d14	44.85		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195044	6.798				
1146-65-2	Naphthalene-d8	766798	8.081				
15067-26-2	Acenaphthene-d10	370752	9.834				
1517-22-2	Phenanthrene-d10	595619	11.322				
1719-03-5	Chrysene-d12	395313	13.974				
1520-96-3	Perylene-d12	378393	15.445				

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z67-69	SDG No.:	BF081023
Lab Sample ID:	O3932-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	30.07 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
BF134710.D	50	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	11300	J			5.393	
000611-14-3	Benzene, 1-ethyl-2-methyl-	30000	J			6.328	
000622-96-8	Benzene, 1-ethyl-4-methyl-	14500	J			6.357	
000108-67-8	Mesitylene	28000	J			6.628	
000496-11-7	Indane	85500	J			6.981	
000527-84-4	o-Cymene	16800	J			7.116	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	14200	J			7.334	
001127-76-0	Naphthalene, 1-ethyl-	22400	J			9.351	
000582-16-1	Naphthalene, 2,7-dimethyl-	20600	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	25600	J			9.492	
000581-42-0	Naphthalene, 2,6-dimethyl-	14400	J			9.516	
000573-98-8	Naphthalene, 1,2-dimethyl-	14400	J			9.61	
034883-14-2	Benzaldehyde, 2,4-dihydroxy-3,6-dimethyl-	12700	J			10.604	
000132-65-0	Dibenzothiophene	11100	J			11.216	
000613-12-7	Anthracene, 2-methyl-	16400	J			11.828	
002531-84-2	Phenanthrene, 2-methyl-	18500	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	25700	J			11.939	
004505-48-0	1H-Indene, 2-phenyl-	10400	J			11.963	
000781-43-1	9,10-Dimethylanthracene	11600	J			12.38	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22DL	SDG No.:	BF081023
Lab Sample ID:	O3932-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134711.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9500	U	9500	33200	40600	ug/Kg
110-86-1	Pyridine	8900	U	8900	16000	20900	ug/Kg
100-52-7	Benzaldehyde	18200	U	18200	33200	40600	ug/Kg
62-53-3	Aniline	14400	U	14400	16000	20900	ug/Kg
108-95-2	Phenol	9100	U	9100	16000	20900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	11000	U	11000	16000	20900	ug/Kg
95-57-8	2-Chlorophenol	8900	U	8900	16000	20900	ug/Kg
95-50-1	1,2-Dichlorobenzene	10000	U	10000	16000	20900	ug/Kg
541-73-1	1,3-Dichlorobenzene	10900	U	10900	16000	20900	ug/Kg
106-46-7	1,4-Dichlorobenzene	10100	U	10100	16000	20900	ug/Kg
100-51-6	Benzyl Alcohol	12100	U	12100	33200	40600	ug/Kg
95-48-7	2-Methylphenol	14000	U	14000	16000	20900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12900	U	12900	16000	20900	ug/Kg
98-86-2	Acetophenone	10700	U	10700	16000	20900	ug/Kg
65794-96-9	3+4-Methylphenols	13300	U	13300	33200	40600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	7300	U	7300	9800	9800	ug/Kg
67-72-1	Hexachloroethane	9000	U	9000	16000	20900	ug/Kg
98-95-3	Nitrobenzene	9200	U	9200	16000	20900	ug/Kg
78-59-1	Isophorone	8400	U	8400	16000	20900	ug/Kg
88-75-5	2-Nitrophenol	11700	U	11700	16000	20900	ug/Kg
105-67-9	2,4-Dimethylphenol	12200	U	12200	16000	20900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	13800	U	13800	16000	20900	ug/Kg
120-83-2	2,4-Dichlorophenol	9600	U	9600	16000	20900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	9500	U	9500	16000	20900	ug/Kg
65-85-0	Benzoic acid	26300	U	26300	33200	40600	ug/Kg
91-20-3	Naphthalene	283600	D	10000	16000	20900	ug/Kg
106-47-8	4-Chloroaniline	12900	U	12900	16000	20900	ug/Kg
87-68-3	Hexachlorobutadiene	10300	U	10300	16000	20900	ug/Kg
105-60-2	Caprolactam	14400	U	14400	33200	40600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10100	U	10100	16000	20900	ug/Kg
91-57-6	2-Methylnaphthalene	134900	D	11700	16000	20900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22DL	SDG No.:	BF081023
Lab Sample ID:	O3932-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134711.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	25800	U	25800	33200	40600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9500	U	9500	16000	20900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10800	U	10800	16000	20900	ug/Kg
92-52-4	1,1-Biphenyl	14300	JD	11200	16000	20900	ug/Kg
91-58-7	2-Chloronaphthalene	10400	U	10400	16000	20900	ug/Kg
88-74-4	2-Nitroaniline	12200	U	12200	16000	20900	ug/Kg
131-11-3	Dimethylphthalate	10900	U	10900	16000	20900	ug/Kg
208-96-8	Acenaphthylene	10900	U	10900	16000	20900	ug/Kg
606-20-2	2,6-Dinitrotoluene	11100	U	11100	16000	20900	ug/Kg
99-09-2	3-Nitroaniline	11500	U	11500	16000	20900	ug/Kg
83-32-9	Acenaphthene	62700	D	9900	16000	20900	ug/Kg
Total PAH	Total PAH	562900	D	176800	16000	334400	ug/Kg
51-28-5	2,4-Dinitrophenol	22100	U	22100	33200	40600	ug/Kg
100-02-7	4-Nitrophenol	14000	U	14000	33200	40600	ug/Kg
132-64-9	Dibenzofuran	9500	U	9500	16000	20900	ug/Kg
121-14-2	2,4-Dinitrotoluene	12300	U	12300	16000	20900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23400	U	23400	16000	41800	ug/Kg
84-66-2	Diethylphthalate	10600	U	10600	16000	20900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	11100	U	11100	16000	20900	ug/Kg
86-73-7	Fluorene	27800	D	10400	16000	20900	ug/Kg
100-01-6	4-Nitroaniline	12800	U	12800	16000	20900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10800	U	10800	33200	40600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	11500	U	11500	16000	20900	ug/Kg
103-33-3	Azobenzene	9000	U	9000	16000	20900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	12000	U	12000	16000	20900	ug/Kg
118-74-1	Hexachlorobenzene	12100	U	12100	16000	20900	ug/Kg
1912-24-9	Atrazine	11700	U	11700	16000	20900	ug/Kg
87-86-5	Pentachlorophenol	13600	U	13600	33200	40600	ug/Kg
85-01-8	Phenanthrene	79900	D	11400	16000	20900	ug/Kg
120-12-7	Anthracene	22800	D	12500	16000	20900	ug/Kg
86-74-8	Carbazole	10400	U	10400	16000	20900	ug/Kg
84-74-2	Di-n-butylphthalate	12800	U	12800	16000	20900	ug/Kg
206-44-0	Fluoranthene	23200	D	11600	16000	20900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22DL	SDG No.:	BF081023
Lab Sample ID:	O3932-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134711.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	23700	U	23700	33200	40600	ug/Kg
129-00-0	Pyrene	34600	D	10300	16000	20900	ug/Kg
85-68-7	Butylbenzylphthalate	12700	U	12700	16000	20900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	19800	U	19800	33200	40600	ug/Kg
56-55-3	Benzo(a)anthracene	14300	JD	10300	16000	20900	ug/Kg
218-01-9	Chrysene	14000	JD	10700	16000	20900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	14100	U	14100	16000	20900	ug/Kg
117-84-0	Di-n-octyl phthalate	15100	U	15100	33200	40600	ug/Kg
205-99-2	Benzo(b)fluoranthene	9900	U	9900	16000	20900	ug/Kg
207-08-9	Benzo(k)fluoranthene	10800	U	10800	16000	20900	ug/Kg
50-32-8	Benzo(a)pyrene	11600	U	11600	16000	20900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13200	U	13200	16000	20900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11900	U	11900	16000	20900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11400	U	11400	16000	20900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	11000	U	11000	16000	20900	ug/Kg
123-91-1	1,4-Dioxane	14400	U	14400	16000	20900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	10200	U	10200	16000	20900	ug/Kg
90-12-0	1-Methylnaphthalene	91900	D	11100	20900	20900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	50.6		18-112		34	SPK: -150
13127-88-3	Phenol-d6	35.9		15-107		24	SPK: -150
4165-60-0	Nitrobenzene-d5	55.3		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	77.1		20-109		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	38.4		10-110		26	SPK: -150
1718-51-0	Terphenyl-d14	71.2		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149238	6.798				
1146-65-2	Naphthalene-d8	593132	8.081				
15067-26-2	Acenaphthene-d10	286062	9.833				
1517-22-2	Phenanthrene-d10	469441	11.322				
1719-03-5	Chrysene-d12	307344	13.968				
1520-96-3	Perylene-d12	297409	15.439				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z20-22DL	SDG No.:	BF081023
Lab Sample ID:	O3932-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134711.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20DL	SDG No.:	BF081023
Lab Sample ID:	O3932-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134712.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9400	U	9400	32800	40100	ug/Kg
110-86-1	Pyridine	8800	U	8800	15800	20700	ug/Kg
100-52-7	Benzaldehyde	18000	U	18000	32800	40100	ug/Kg
62-53-3	Aniline	14200	U	14200	15800	20700	ug/Kg
108-95-2	Phenol	9000	U	9000	15800	20700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	10900	U	10900	15800	20700	ug/Kg
95-57-8	2-Chlorophenol	8800	U	8800	15800	20700	ug/Kg
95-50-1	1,2-Dichlorobenzene	9900	U	9900	15800	20700	ug/Kg
541-73-1	1,3-Dichlorobenzene	10800	U	10800	15800	20700	ug/Kg
106-46-7	1,4-Dichlorobenzene	10000	U	10000	15800	20700	ug/Kg
100-51-6	Benzyl Alcohol	12000	U	12000	32800	40100	ug/Kg
95-48-7	2-Methylphenol	13900	U	13900	15800	20700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12800	U	12800	15800	20700	ug/Kg
98-86-2	Acetophenone	10500	U	10500	15800	20700	ug/Kg
65794-96-9	3+4-Methylphenols	13100	U	13100	32800	40100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	7200	U	7200	9700	9700	ug/Kg
67-72-1	Hexachloroethane	8900	U	8900	15800	20700	ug/Kg
98-95-3	Nitrobenzene	9100	U	9100	15800	20700	ug/Kg
78-59-1	Isophorone	8300	U	8300	15800	20700	ug/Kg
88-75-5	2-Nitrophenol	11600	U	11600	15800	20700	ug/Kg
105-67-9	2,4-Dimethylphenol	12100	U	12100	15800	20700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	13600	U	13600	15800	20700	ug/Kg
120-83-2	2,4-Dichlorophenol	9500	U	9500	15800	20700	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	9400	U	9400	15800	20700	ug/Kg
65-85-0	Benzoic acid	26000	U	26000	32800	40100	ug/Kg
91-20-3	Naphthalene	313900	D	9900	15800	20700	ug/Kg
106-47-8	4-Chloroaniline	12800	U	12800	15800	20700	ug/Kg
87-68-3	Hexachlorobutadiene	10200	U	10200	15800	20700	ug/Kg
105-60-2	Caprolactam	14200	U	14200	32800	40100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10000	U	10000	15800	20700	ug/Kg
91-57-6	2-Methylnaphthalene	159100	D	11500	15800	20700	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20DL	SDG No.:	BF081023
Lab Sample ID:	O3932-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134712.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	25500	U	25500	32800	40100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9400	U	9400	15800	20700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10700	U	10700	15800	20700	ug/Kg
92-52-4	1,1-Biphenyl	17100	JD	11100	15800	20700	ug/Kg
91-58-7	2-Chloronaphthalene	10300	U	10300	15800	20700	ug/Kg
88-74-4	2-Nitroaniline	12100	U	12100	15800	20700	ug/Kg
131-11-3	Dimethylphthalate	10800	U	10800	15800	20700	ug/Kg
208-96-8	Acenaphthylene	10700	U	10700	15800	20700	ug/Kg
606-20-2	2,6-Dinitrotoluene	10900	U	10900	15800	20700	ug/Kg
99-09-2	3-Nitroaniline	11400	U	11400	15800	20700	ug/Kg
83-32-9	Acenaphthene	74900	D	9800	15800	20700	ug/Kg
Total PAH	Total PAH	678800	D	174700	15800	331200	ug/Kg
51-28-5	2,4-Dinitrophenol	21900	U	21900	32800	40100	ug/Kg
100-02-7	4-Nitrophenol	13900	U	13900	32800	40100	ug/Kg
132-64-9	Dibenzofuran	9300	U	9300	15800	20700	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23000	U	23000	15800	41400	ug/Kg
121-14-2	2,4-Dinitrotoluene	12100	U	12100	15800	20700	ug/Kg
84-66-2	Diethylphthalate	10400	U	10400	15800	20700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	11000	U	11000	15800	20700	ug/Kg
86-73-7	Fluorene	33400	D	10300	15800	20700	ug/Kg
100-01-6	4-Nitroaniline	12600	U	12600	15800	20700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10700	U	10700	32800	40100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	11300	U	11300	15800	20700	ug/Kg
103-33-3	Azobenzene	8900	U	8900	15800	20700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	11800	U	11800	15800	20700	ug/Kg
118-74-1	Hexachlorobenzene	12000	U	12000	15800	20700	ug/Kg
1912-24-9	Atrazine	11600	U	11600	15800	20700	ug/Kg
87-86-5	Pentachlorophenol	13500	U	13500	32800	40100	ug/Kg
85-01-8	Phenanthrene	98500	D	11300	15800	20700	ug/Kg
120-12-7	Anthracene	28200	D	12400	15800	20700	ug/Kg
86-74-8	Carbazole	10300	U	10300	15800	20700	ug/Kg
84-74-2	Di-n-butylphthalate	12600	U	12600	15800	20700	ug/Kg
206-44-0	Fluoranthene	29200	D	11500	15800	20700	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20DL	SDG No.:	BF081023
Lab Sample ID:	O3932-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134712.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	23500	U	23500	32800	40100	ug/Kg
129-00-0	Pyrene	42700	D	10200	15800	20700	ug/Kg
85-68-7	Butylbenzylphthalate	12500	U	12500	15800	20700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	19600	U	19600	32800	40100	ug/Kg
56-55-3	Benzo(a)anthracene	17600	JD	10200	15800	20700	ug/Kg
218-01-9	Chrysene	17100	JD	10500	15800	20700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	14000	U	14000	15800	20700	ug/Kg
117-84-0	Di-n-octyl phthalate	14900	U	14900	32800	40100	ug/Kg
205-99-2	Benzo(b)fluoranthene	10100	JD	9800	15800	20700	ug/Kg
207-08-9	Benzo(k)fluoranthene	10700	U	10700	15800	20700	ug/Kg
50-32-8	Benzo(a)pyrene	13200	JD	11500	15800	20700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13000	U	13000	15800	20700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11700	U	11700	15800	20700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11200	U	11200	15800	20700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	10900	U	10900	15800	20700	ug/Kg
123-91-1	1,4-Dioxane	14200	U	14200	15800	20700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	10100	U	10100	15800	20700	ug/Kg
90-12-0	1-Methylnaphthalene	109700	D	11000	20700	20700	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	32.1		18-112		21	SPK: -150
13127-88-3	Phenol-d6	24.7		15-107		16	SPK: -150
4165-60-0	Nitrobenzene-d5	39.3		18-107		39	SPK: -100
321-60-8	2-Fluorobiphenyl	62.9		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	33		10-110		22	SPK: -150
1718-51-0	Terphenyl-d14	60.2		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151894	6.798				
1146-65-2	Naphthalene-d8	604945	8.081				
15067-26-2	Acenaphthene-d10	292702	9.833				
1517-22-2	Phenanthrene-d10	474150	11.322				
1719-03-5	Chrysene-d12	318757	13.969				
1520-96-3	Perylene-d12	298958	15.439				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB-01-Z18-20DL	SDG No.:	BF081023
Lab Sample ID:	O3932-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134712.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80DL	SDG No.:	BF081023
Lab Sample ID:	O3945-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134713.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9100	U	9100	31700	38700	ug/Kg
110-86-1	Pyridine	8500	U	8500	15300	19900	ug/Kg
100-52-7	Benzaldehyde	17400	U	17400	31700	38700	ug/Kg
62-53-3	Aniline	13700	U	13700	15300	19900	ug/Kg
108-95-2	Phenol	8700	U	8700	15300	19900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	10500	U	10500	15300	19900	ug/Kg
95-57-8	2-Chlorophenol	8400	U	8400	15300	19900	ug/Kg
95-50-1	1,2-Dichlorobenzene	9600	U	9600	15300	19900	ug/Kg
541-73-1	1,3-Dichlorobenzene	10400	U	10400	15300	19900	ug/Kg
106-46-7	1,4-Dichlorobenzene	9700	U	9700	15300	19900	ug/Kg
100-51-6	Benzyl Alcohol	11600	U	11600	31700	38700	ug/Kg
95-48-7	2-Methylphenol	13400	U	13400	15300	19900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12300	U	12300	15300	19900	ug/Kg
98-86-2	Acetophenone	10200	U	10200	15300	19900	ug/Kg
65794-96-9	3+4-Methylphenols	12700	U	12700	31700	38700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	6900	U	6900	9400	9400	ug/Kg
67-72-1	Hexachloroethane	8600	U	8600	15300	19900	ug/Kg
98-95-3	Nitrobenzene	8800	U	8800	15300	19900	ug/Kg
78-59-1	Isophorone	8000	U	8000	15300	19900	ug/Kg
88-75-5	2-Nitrophenol	11200	U	11200	15300	19900	ug/Kg
105-67-9	2,4-Dimethylphenol	11700	U	11700	15300	19900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	13100	U	13100	15300	19900	ug/Kg
120-83-2	2,4-Dichlorophenol	9200	U	9200	15300	19900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	9100	U	9100	15300	19900	ug/Kg
65-85-0	Benzoic acid	25100	U	25100	31700	38700	ug/Kg
91-20-3	Naphthalene	263100	D	9600	15300	19900	ug/Kg
106-47-8	4-Chloroaniline	12300	U	12300	15300	19900	ug/Kg
87-68-3	Hexachlorobutadiene	9900	U	9900	15300	19900	ug/Kg
105-60-2	Caprolactam	13700	U	13700	31700	38700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	9700	U	9700	15300	19900	ug/Kg
91-57-6	2-Methylnaphthalene	81700	D	11100	15300	19900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80DL	SDG No.:	BF081023
Lab Sample ID:	O3945-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134713.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	24600	U	24600	31700	38700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9000	U	9000	15300	19900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10300	U	10300	15300	19900	ug/Kg
92-52-4	1,1-Biphenyl	12700	JD	10700	15300	19900	ug/Kg
91-58-7	2-Chloronaphthalene	9900	U	9900	15300	19900	ug/Kg
88-74-4	2-Nitroaniline	11700	U	11700	15300	19900	ug/Kg
131-11-3	Dimethylphthalate	10400	U	10400	15300	19900	ug/Kg
208-96-8	Acenaphthylene	10400	U	10400	15300	19900	ug/Kg
606-20-2	2,6-Dinitrotoluene	10600	U	10600	15300	19900	ug/Kg
99-09-2	3-Nitroaniline	11000	U	11000	15300	19900	ug/Kg
83-32-9	Acenaphthene	53100	D	9400	15300	19900	ug/Kg
Total PAH	Total PAH	580400	D	168700	15300	318400	ug/Kg
51-28-5	2,4-Dinitrophenol	21100	U	21100	31700	38700	ug/Kg
100-02-7	4-Nitrophenol	13400	U	13400	31700	38700	ug/Kg
132-64-9	Dibenzofuran	9000	U	9000	15300	19900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	22300	U	22300	15300	39800	ug/Kg
121-14-2	2,4-Dinitrotoluene	11700	U	11700	15300	19900	ug/Kg
84-66-2	Diethylphthalate	10100	U	10100	15300	19900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	10600	U	10600	15300	19900	ug/Kg
86-73-7	Fluorene	20000	D	9900	15300	19900	ug/Kg
100-01-6	4-Nitroaniline	12200	U	12200	15300	19900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10300	U	10300	31700	38700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	10900	U	10900	15300	19900	ug/Kg
103-33-3	Azobenzene	8600	U	8600	15300	19900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	11400	U	11400	15300	19900	ug/Kg
118-74-1	Hexachlorobenzene	11600	U	11600	15300	19900	ug/Kg
1912-24-9	Atrazine	11200	U	11200	15300	19900	ug/Kg
87-86-5	Pentachlorophenol	13000	U	13000	31700	38700	ug/Kg
85-01-8	Phenanthrene	86600	D	10900	15300	19900	ug/Kg
120-12-7	Anthracene	23800	D	12000	15300	19900	ug/Kg
86-74-8	Carbazole	10000	U	10000	15300	19900	ug/Kg
84-74-2	Di-n-butylphthalate	12200	U	12200	15300	19900	ug/Kg
206-44-0	Fluoranthene	30800	D	11100	15300	19900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80DL	SDG No.:	BF081023
Lab Sample ID:	O3945-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08 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
BF134713.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	22600	U	22600	31700	38700	ug/Kg
129-00-0	Pyrene	41400	D	9800	15300	19900	ug/Kg
85-68-7	Butylbenzylphthalate	12100	U	12100	15300	19900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	18900	U	18900	31700	38700	ug/Kg
56-55-3	Benzo(a)anthracene	18800	JD	9800	15300	19900	ug/Kg
218-01-9	Chrysene	17300	JD	10200	15300	19900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	13500	U	13500	15300	19900	ug/Kg
117-84-0	Di-n-octyl phthalate	14400	U	14400	31700	38700	ug/Kg
205-99-2	Benzo(b)fluoranthene	11900	JD	9400	15300	19900	ug/Kg
207-08-9	Benzo(k)fluoranthene	10300	U	10300	15300	19900	ug/Kg
50-32-8	Benzo(a)pyrene	13600	JD	11100	15300	19900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12600	U	12600	15300	19900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11300	U	11300	15300	19900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10900	U	10900	15300	19900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	10500	U	10500	15300	19900	ug/Kg
123-91-1	1,4-Dioxane	13700	U	13700	15300	19900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	9700	U	9700	15300	19900	ug/Kg
90-12-0	1-Methylnaphthalene	75900	D	10600	19900	19900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	54		18-112		36	SPK: -150
13127-88-3	Phenol-d6	43.1		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	53.6		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	83.3		20-109		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	47.4		10-110		32	SPK: -150
1718-51-0	Terphenyl-d14	79.5		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151824	6.798				
1146-65-2	Naphthalene-d8	593734	8.081				
15067-26-2	Acenaphthene-d10	286482	9.833				
1517-22-2	Phenanthrene-d10	473957	11.322				
1719-03-5	Chrysene-d12	313777	13.968				
1520-96-3	Perylene-d12	287059	15.439				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB01-Z78-80DL	SDG No.:	BF081023
Lab Sample ID:	O3945-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF134713.D	100	8/9/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-21	SDG No.:	BF081023
Lab Sample ID:	O3954-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF134714.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	96.5	U	96.5	170	230	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	160	U	160	170	230	ug/Kg
108-95-2	Phenol	99.2	U	99.2	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	230	ug/Kg
95-57-8	2-Chlorophenol	96	U	96	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.6	U	78.6	110	110	ug/Kg
67-72-1	Hexachloroethane	98.1	U	98.1	170	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	170	230	ug/Kg
78-59-1	Isophorone	90.8	U	90.8	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	230	ug/Kg
65-85-0	Benzoic acid	290	U	290	360	440	ug/Kg
91-20-3	Naphthalene	120	J	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg
105-60-2	Caprolactam	160	U	160	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-21	SDG No.:	BF081023
Lab Sample ID:	O3954-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF134714.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	200	J	110	170	230	ug/Kg
Total PAH	Total PAH	12450		1930	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	150	J	100	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	250		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	230	ug/Kg
103-33-3	Azobenzene	98	U	98	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	230	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	230	ug/Kg
1912-24-9	Atrazine	130	U	130	170	230	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	1900		120	170	230	ug/Kg
120-12-7	Anthracene	490		140	170	230	ug/Kg
86-74-8	Carbazole	240		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	230	ug/Kg
206-44-0	Fluoranthene	2000		130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-21	SDG No.:	BF081023
Lab Sample ID:	O3954-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	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
BF134714.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	360	440	ug/Kg
129-00-0	Pyrene	1700		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1100		110	170	230	ug/Kg
218-01-9	Chrysene	930		120	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		120	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	920		130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		140	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	130	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500		120	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.268		18-112		58	SPK: -150
13127-88-3	Phenol-d6	82.118		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	69.864		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	76.114		20-109		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.382		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	70.894		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157190	6.798				
1146-65-2	Naphthalene-d8	597884	8.075				
15067-26-2	Acenaphthene-d10	292335	9.833				
1517-22-2	Phenanthrene-d10	487688	11.322				
1719-03-5	Chrysene-d12	309050	13.974				
1520-96-3	Perylene-d12	299978	15.445				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-21	SDG No.:	BF081023
Lab Sample ID:	O3954-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF134714.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	130	J			9.275	
001430-97-3	9H-Fluorene, 2-methyl-	110	J			10.928	
000132-65-0	Dibenzothiophene	130	J			11.216	
000779-02-2	Anthracene, 9-methyl-	210	J			11.828	
002531-84-2	Phenanthrene, 2-methyl-	430	J			11.857	
000613-12-7	Anthracene, 2-methyl-	120	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			11.939	
000832-64-4	Phenanthrene, 4-methyl-	120	J			11.957	
000612-94-2	Naphthalene, 2-phenyl-	150	J			12.122	
000084-65-1	9,10-Anthracenedione	110	J			12.145	
000483-87-4	Phenanthrene, 1,7-dimethyl-	130	J			12.374	
	unknown12.416	110	J			12.416	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			12.463	
002381-21-7	Pyrene, 1-methyl-	110	J			12.986	
000243-17-4	11H-Benzo[b]fluorene	130	J			13.098	
033543-31-6	Fluoranthene, 2-methyl-	110	J			13.198	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			13.816	
1000401-43-5	2-propenamide, 2-methyl-N-[4-(met	220	J			14.839	
000192-97-2	Benzo[e]pyrene	230	J			15.121	
000198-55-0	Perylene	670	J			15.316	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081023
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF134715.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	350	430	ug/Kg
110-86-1	Pyridine	94	U	94	170	220	ug/Kg
100-52-7	Benzaldehyde	190	U	190	350	430	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	96.6	U	96.6	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	93.4	U	93.4	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	130	U	130	350	430	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	76.6	U	76.6	100	100	ug/Kg
67-72-1	Hexachloroethane	95.5	U	95.5	170	220	ug/Kg
98-95-3	Nitrobenzene	97.6	U	97.6	170	220	ug/Kg
78-59-1	Isophorone	88.4	U	88.4	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081023
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.09	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
BF134715.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	270	U	270	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1850	U	1850	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	99.8	U	99.8	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	95.4	U	95.4	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	350	430	ug/Kg
85-01-8	Phenanthrene	120	U	120	170	220	ug/Kg
120-12-7	Anthracene	130	U	130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	170	220	ug/Kg
206-44-0	Fluoranthene	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081023
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF134715.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	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	210	U	210	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	110	U	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	350	430	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	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.258		18-112		60	SPK: -150
13127-88-3	Phenol-d6	84.726		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	72.128		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	79.748		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.972		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	67.24		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158504	6.798				
1146-65-2	Naphthalene-d8	594670	8.075				
15067-26-2	Acenaphthene-d10	281537	9.834				
1517-22-2	Phenanthrene-d10	457462	11.322				
1719-03-5	Chrysene-d12	319865	13.969				
1520-96-3	Perylene-d12	295877	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081023
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF134715.D	2	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			11.857	
018435-45-5	1-Nonadecene	120	J			13.822	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-17	SDG No.:	BF081023
Lab Sample ID:	O3954-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134716.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.2	U	53.2	190	230	ug/Kg
110-86-1	Pyridine	49.9	U	49.9	89.5	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	80.6	U	80.6	89.5	120	ug/Kg
108-95-2	Phenol	51.2	U	51.2	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.9	U	61.9	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	49.6	U	49.6	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.3	U	56.3	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61	U	61	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	68.1	U	68.1	190	230	ug/Kg
95-48-7	2-Methylphenol	78.5	U	78.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72.3	U	72.3	89.5	120	ug/Kg
98-86-2	Acetophenone	59.7	U	59.7	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	74.4	U	74.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.6	U	40.6	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	50.7	U	50.7	89.5	120	ug/Kg
98-95-3	Nitrobenzene	51.8	U	51.8	89.5	120	ug/Kg
78-59-1	Isophorone	46.9	U	46.9	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	65.5	U	65.5	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.6	U	68.6	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	77.1	U	77.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.8	U	53.8	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.4	U	53.4	89.5	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.1	U	56.1	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	72.3	U	72.3	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.9	U	57.9	89.5	120	ug/Kg
105-60-2	Caprolactam	80.6	U	80.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.8	U	56.8	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	65.4	U	65.4	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-17	SDG No.:	BF081023
Lab Sample ID:	O3954-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134716.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.1	U	53.1	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60.5	U	60.5	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	62.9	U	62.9	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	68.4	U	68.4	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	61.2	U	61.2	89.5	120	ug/Kg
208-96-8	Acenaphthylene	60.9	U	60.9	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	64.3	U	64.3	89.5	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	89.5	120	ug/Kg
Total PAH	Total PAH	990.1	U	990.1	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	190	230	ug/Kg
100-02-7	4-Nitrophenol	78.5	U	78.5	190	230	ug/Kg
132-64-9	Dibenzofuran	53	U	53	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	130.8	U	130.8	89.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.8	U	68.8	89.5	120	ug/Kg
84-66-2	Diethylphthalate	59.2	U	59.2	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.3	U	62.3	89.5	120	ug/Kg
86-73-7	Fluorene	58.4	U	58.4	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	71.6	U	71.6	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60.5	U	60.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	64.3	U	64.3	89.5	120	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.1	U	67.1	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	68.1	U	68.1	89.5	120	ug/Kg
1912-24-9	Atrazine	65.7	U	65.7	89.5	120	ug/Kg
87-86-5	Pentachlorophenol	76.5	U	76.5	190	230	ug/Kg
85-01-8	Phenanthrene	120		63.9	89.5	120	ug/Kg
120-12-7	Anthracene	70.3	U	70.3	89.5	120	ug/Kg
86-74-8	Carbazole	58.5	U	58.5	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	71.6	U	71.6	89.5	120	ug/Kg
206-44-0	Fluoranthene	97.8	J	65	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-17	SDG No.:	BF081023
Lab Sample ID:	O3954-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF134716.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	80.6	J	57.7	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.9	U	70.9	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	57.8	U	57.8	89.5	120	ug/Kg
218-01-9	Chrysene	59.8	U	59.8	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79.2	U	79.2	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	84.7	U	84.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.3	U	55.3	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.7	U	60.7	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.7	U	73.7	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.5	U	66.5	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.7	U	63.7	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.6	U	61.6	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	80.6	U	80.6	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.1	U	57.1	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.1	U	62.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.267		18-112		42	SPK: -150
13127-88-3	Phenol-d6	62.36		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	49.779		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	51.348		20-109		51	SPK: -100
118-79-6	2,4,6-Tribromophenol	65.64		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	45.489		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187900	6.798				
1146-65-2	Naphthalene-d8	716779	8.075				
15067-26-2	Acenaphthene-d10	339209	9.833				
1517-22-2	Phenanthrene-d10	539790	11.322				
1719-03-5	Chrysene-d12	368927	13.968				
1520-96-3	Perylene-d12	329311	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-17	SDG No.:	BF081023
Lab Sample ID:	O3954-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF134716.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			11.857	
000057-11-4	Octadecanoic acid	47.3	J			12.645	
000629-73-2	Cetene	96	J			13.821	
000112-84-5	13-Docosenamide, (Z)-	59.5	J			14.745	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-23	SDG No.:	BF081023
Lab Sample ID:	O3955-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.08	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
BF134717.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.6	U	52.6	180	220	ug/Kg
110-86-1	Pyridine	49.3	U	49.3	88.5	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.6	U	79.6	88.5	120	ug/Kg
108-95-2	Phenol	50.6	U	50.6	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.1	U	61.1	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.1	U	56.1	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	67.3	U	67.3	180	220	ug/Kg
95-48-7	2-Methylphenol	77.6	U	77.6	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.5	U	71.5	88.5	120	ug/Kg
98-86-2	Acetophenone	59	U	59	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.5	U	73.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	50.1	U	50.1	88.5	120	ug/Kg
98-95-3	Nitrobenzene	51.2	U	51.2	88.5	120	ug/Kg
78-59-1	Isophorone	46.4	U	46.4	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.7	U	64.7	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.8	U	67.8	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.2	U	76.2	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.2	U	53.2	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.8	U	52.8	88.5	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.4	U	55.4	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	71.5	U	71.5	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.2	U	57.2	88.5	120	ug/Kg
105-60-2	Caprolactam	79.6	U	79.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.2	U	56.2	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.6	U	64.6	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-23	SDG No.:	BF081023
Lab Sample ID:	O3955-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF134717.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.5	U	52.5	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.8	U	59.8	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	62.2	U	62.2	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.6	U	57.6	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	67.6	U	67.6	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	60.5	U	60.5	88.5	120	ug/Kg
208-96-8	Acenaphthylene	60.2	U	60.2	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.3	U	61.3	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	63.6	U	63.6	88.5	120	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	88.5	120	ug/Kg
Total PAH	Total PAH	1370.3	U	978.4	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.6	U	77.6	180	220	ug/Kg
132-64-9	Dibenzofuran	52.3	U	52.3	88.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29.3	U	129.3	88.5	240	ug/Kg
84-66-2	Diethylphthalate	58.5	U	58.5	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.5	U	61.5	88.5	120	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	70.8	U	70.8	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.8	U	59.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.5	U	63.5	88.5	120	ug/Kg
103-33-3	Azobenzene	50	U	50	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.3	U	66.3	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	67.3	U	67.3	88.5	120	ug/Kg
1912-24-9	Atrazine	64.9	U	64.9	88.5	120	ug/Kg
87-86-5	Pentachlorophenol	75.6	U	75.6	180	220	ug/Kg
85-01-8	Phenanthrene	210		63.1	88.5	120	ug/Kg
120-12-7	Anthracene	69.4	U	69.4	88.5	120	ug/Kg
86-74-8	Carbazole	57.8	U	57.8	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.8	U	70.8	88.5	120	ug/Kg
206-44-0	Fluoranthene	270		64.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-23	SDG No.:	BF081023
Lab Sample ID:	O3955-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF134717.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	240		57	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.1	U	70.1	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	140		57.1	88.5	120	ug/Kg
218-01-9	Chrysene	130		59.1	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78.3	U	78.3	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.7	U	83.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	170		54.7	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	130		64.2	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.8	U	72.8	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.7	U	65.7	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.3	J	63	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	79.6	U	79.6	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.4	U	56.4	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.4	U	61.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.09		18-112		38	SPK: -150
13127-88-3	Phenol-d6	57.23		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	47.602		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	49.744		20-109		50	SPK: -100
118-79-6	2,4,6-Tribromophenol	47.617		10-110		32	SPK: -150
1718-51-0	Terphenyl-d14	43.775		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190146	6.798				
1146-65-2	Naphthalene-d8	727385	8.075				
15067-26-2	Acenaphthene-d10	339899	9.834				
1517-22-2	Phenanthrene-d10	538871	11.322				
1719-03-5	Chrysene-d12	364654	13.969				
1520-96-3	Perylene-d12	323783	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-23	SDG No.:	BF081023
Lab Sample ID:	O3955-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF134717.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.5	A			5.028	
002531-84-2	Phenanthrene, 2-methyl-	57.2	J			11.851	
004505-48-0	1H-Indene, 2-phenyl-	50.4	J			11.933	
074685-30-6	5-Eicosene, (E)-	67.4	J			13.822	
000301-02-0	9-Octadecenamide, (Z)-	49.2	J			14.739	
000192-97-2	Benzo[e]pyrene	110	J			15.316	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP23A	SDG No.:	BF081023
Lab Sample ID:	O3956-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	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
BF134718.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.1	U	77.1	270	330	ug/Kg
110-86-1	Pyridine	72.2	U	72.2	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.2	U	74.2	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.6	U	89.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	71.8	U	71.8	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.5	U	81.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.3	U	88.3	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.2	U	82.2	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.5	U	98.5	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.5	U	86.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.8	U	58.8	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	73.4	U	73.4	130	170	ug/Kg
98-95-3	Nitrobenzene	75	U	75	130	170	ug/Kg
78-59-1	Isophorone	67.9	U	67.9	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.8	U	94.8	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.3	U	99.3	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	77.9	U	77.9	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.3	U	77.3	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.2	U	81.2	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.8	U	83.8	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.3	U	82.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.6	U	94.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP23A	SDG No.:	BF081023
Lab Sample ID:	O3956-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	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
BF134718.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.9	U	76.9	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.7	U	87.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.1	U	91.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.4	U	84.4	130	170	ug/Kg
88-74-4	2-Nitroaniline	99	U	99	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.7	U	88.7	130	170	ug/Kg
208-96-8	Acenaphthylene	88.2	U	88.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.8	U	89.8	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.2	U	93.2	130	170	ug/Kg
83-32-9	Acenaphthene	80.1	U	80.1	130	170	ug/Kg
Total PAH	Total PAH	1435	U	1435	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.7	U	76.7	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	189.4	U	189.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.6	U	99.6	130	170	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.2	U	90.2	130	170	ug/Kg
86-73-7	Fluorene	84.6	U	84.6	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.6	U	87.6	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.1	U	93.1	130	170	ug/Kg
103-33-3	Azobenzene	73.3	U	73.3	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.1	U	97.1	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.5	U	98.5	130	170	ug/Kg
1912-24-9	Atrazine	95.1	U	95.1	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.5	U	92.5	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.7	U	84.7	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.1	U	94.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP23A	SDG No.:	BF081023
Lab Sample ID:	O3956-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	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
BF134718.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.5	U	83.5	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.7	U	83.7	130	170	ug/Kg
218-01-9	Chrysene	86.6	U	86.6	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.9	J	80.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.9	U	87.9	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94	U	94	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.2	U	96.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.3	U	92.3	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.2	U	89.2	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90	U	90	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.13		18-112		49	SPK: -150
13127-88-3	Phenol-d6	70.783		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	59.869		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	61.564		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.755		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	53.359		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200187	6.798				
1146-65-2	Naphthalene-d8	761725	8.075				
15067-26-2	Acenaphthene-d10	355604	9.833				
1517-22-2	Phenanthrene-d10	562192	11.322				
1719-03-5	Chrysene-d12	398427	13.968				
1520-96-3	Perylene-d12	348545	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP23A	SDG No.:	BF081023
Lab Sample ID:	O3956-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.08	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
BF134718.D	1	8/10/2023 12:00:00 AM	8/10/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			11.857	
016980-85-1	Pentacos-1-ene	180	J			13.821	
007683-64-9	Supraene	94.7	J			14.839	

Hit Summary Sheet

SW-846

SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	NEVINS-SB-01-Z18-20							
O3932-01	NEVINS-SB-01-Z18-20	Solid	4H-Cyclopenta[def]phenanthrene	*	33,500.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	9H-Fluorene, 1-methyl-	*	14,800.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Anthracene, 2-methyl-	*	26,400.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Benzene, 1,2,3-trimethyl-	*	20,100.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Benzene, 1-methyl-3-(1-methylethyl)-	*	20,000.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Decane, 2-methyl-	*	17,000.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Dibenzothiophene	*	22,500.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Indane	*	91,400.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 1,2-dimethyl-	*	20,900.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 1,5-dimethyl-	*	20,900.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 1-ethyl-	*	35,000.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 2,3-dimethyl-	*	38,500.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 2,6-dimethyl-	*	30,000.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene, 2-(1-methylethyl)-	*	13,600.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	p-Cymene	*	18,900.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Phenanthrene, 1-methyl-	*	15,600.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Phenanthrene, 2,5-dimethyl-	*	20,000.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	Phenanthrene, 2-methyl-	*	22,200.000	J		
O3932-01	NEVINS-SB-01-Z18-20	Solid	unknown10.492	*	13,300.000	J		
Total Tics :				494,600.00				
O3932-01	NEVINS-SB-01-Z18-20	Solid	1,1-Biphenyl		16,900.000	5500	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	1-Methylnaphthalene		96,400.000	5500	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	2-Methylnaphthalene		132,300.000	5800	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Acenaphthene		68,200.000	4900	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Acenaphthylene	J	5,500.000	5400	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Anthracene		26,900.000	6200	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Benzo(a)anthracene		17,800.000	5100	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Benzo(a)pyrene		13,100.000	5700	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Benzo(b)fluoranthene		10,700.000	4900	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Chrysene		15,300.000	5300	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Fluoranthene		27,300.000	5700	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Fluorene		33,200.000	5200	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Naphthalene	E	240,200.000	4900	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Phenanthrene		85,900.000	5600	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Pyrene		40,200.000	5100	10300	ug/Kg
O3932-01	NEVINS-SB-01-Z18-20	Solid	Total PAH		584,300.000	87400	164800	ug/Kg
Total Svoc :				1,414,200.00				
Total Concentration:				1,908,800.00				

Client ID : NEVINS-SB-01-Z18-20DL

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SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	1,1-Biphenyl	17,100.000	JD	11100	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	1-Methylnaphthalene	109,700.000	D	11000	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	2-Methylnaphthalene	159,100.000	D	11500	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Acenaphthene	74,900.000	D	9800	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Anthracene	28,200.000	D	12400	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Benzo(a)anthracene	17,600.000	JD	10200	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Benzo(a)pyrene	13,200.000	JD	11500	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Benzo(b)fluoranthene	10,100.000	JD	9800	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Chrysene	17,100.000	JD	10500	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Fluoranthene	29,200.000	D	11500	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Fluorene	33,400.000	D	10300	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Naphthalene	313,900.000	D	9900	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Phenanthrene	98,500.000	D	11300	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Pyrene	42,700.000	D	10200	20700	ug/Kg
O3932-01DL	NEVINS-SB-01-Z18-20E	Solid	Total PAH	678,800.000	D	174700	331200	ug/Kg
Total Svoc :				1,643,500.00				
Total Concentration:				1,643,500.00				
Client ID : NEVINS-SB-01-Z20-22								
O3932-02	NEVINS-SB-01-Z20-22	Solid	1H-Indene, 2,3-dihydro-4-methyl- *	15,000.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	2-Methylindene *	25,200.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	4H-Cyclopenta[def]phenanthrene *	28,300.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Anthracene, 9-methyl- *	17,600.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Benzene, 1,2,3,5-tetramethyl- *	28,200.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Benzene, 1,2,3-trimethyl- *	20,900.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Dibenzothiophene *	19,300.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Indane *	87,900.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene, 1,5-dimethyl- *	16,400.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene, 2,3-dimethyl- *	33,900.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene, 2,6-dimethyl- *	25,900.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene, 2,7-dimethyl- *	17,800.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene, 2-ethyl- *	30,500.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	o-Cymene *	18,600.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	p-Cymene *	16,900.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Phenanthrene, 2,5-dimethyl- *	12,600.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Phenanthrene, 2-methyl- *	21,200.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Phenanthrene, 4-methyl- *	12,200.000	J			
O3932-02	NEVINS-SB-01-Z20-22	Solid	Tridecane, 4-methyl- *	15,000.000	J			
Total Tics :				463,400.00				
O3932-02	NEVINS-SB-01-Z20-22	Solid	1,1-Biphenyl	13,800.000		5600	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	1-Methylnaphthalene	82,400.000		5500	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	2-Methylnaphthalene	117,600.000		5800	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Acenaphthene	56,700.000		4900	10500	ug/Kg

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SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3932-02	NEVINS-SB-01-Z20-22	Solid	Anthracene	21,800.000		6300	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Benzo(a)anthracene	14,500.000		5200	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Benzo(a)pyrene	10,800.000		5800	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Benzo(b)fluoranthene	8,700.000	J	4900	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Chrysene	12,100.000		5300	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Fluoranthene	22,500.000		5800	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Fluorene	26,700.000		5200	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Naphthalene	224,000.000	E	5000	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Phenanthrene	72,100.000		5700	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Pyrene	32,300.000		5100	10500	ug/Kg
O3932-02	NEVINS-SB-01-Z20-22	Solid	Total PAH	502,200.000		88200	168000	ug/Kg

Total Svoc : 1,218,200.00
Total Concentration: 1,681,600.00

Client ID : NEVINS-SB-01-Z20-22DL

O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	1,1-Biphenyl	14,300.000	JD	11200	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	1-Methylnaphthalene	91,900.000	D	11100	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	2-Methylnaphthalene	134,900.000	D	11700	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Acenaphthene	62,700.000	D	9900	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Anthracene	22,800.000	D	12500	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Benzo(a)anthracene	14,300.000	JD	10300	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Chrysene	14,000.000	JD	10700	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Fluoranthene	23,200.000	D	11600	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Fluorene	27,800.000	D	10400	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Naphthalene	283,600.000	D	10000	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Phenanthrene	79,900.000	D	11400	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Pyrene	34,600.000	D	10300	20900	ug/Kg
O3932-02DL	NEVINS-SB-01-Z20-22DL	Solid	Total PAH	562,900.000	D	176800	334400	ug/Kg

Total Svoc : 1,366,900.00
Total Concentration: 1,366,900.00

Client ID : NEVINS-SB-01-Z30-32

O3932-03	NEVINS-SB-01-Z30-32	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	13,900.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	4H-Cyclopenta[def]phenanthrene *	33,400.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	9H-Fluorene, 2-methyl- *	13,400.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	15,700.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Dibenzothiophene *	25,400.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Indane *	88,300.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Mesitylene *	17,900.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 1,4-dimethyl- *	18,000.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 1,7-dimethyl- *	32,900.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 1-ethyl- *	34,900.000	J			
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 2,3-dimethyl- *	37,100.000	J			

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SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 2,6-dimethyl-	*	21,300.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene, 2-(1-methylethyl)-	*	12,800.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	o-Cymene	*	13,100.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	Phenanthrene, 1-methyl-	*	25,200.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	Phenanthrene, 2,5-dimethyl-	*	12,800.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	Phenanthrene, 2-methyl-	*	20,600.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	Tetradecane, 3-methyl-	*	18,400.000	J		
O3932-03	NEVINS-SB-01-Z30-32	Solid	unknown10.492	*	13,000.000	J		
Total Tics :				468,100.00				
O3932-03	NEVINS-SB-01-Z30-32	Solid	1,1-Biphenyl		19,500.000		5500	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	1-Methylnaphthalene		104,700.000		5400	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	2-Methylnaphthalene		134,800.000		5700	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Acenaphthene		75,500.000		4800	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Acenaphthylene		6,400.000	J	5300	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Anthracene		29,100.000		6100	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Benzo(a)anthracene		19,400.000		5000	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Benzo(a)pyrene		17,100.000		5700	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Benzo(b)fluoranthene		13,300.000		4800	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Benzo(g,h,i)perylene		6,900.000	J	5600	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Chrysene		16,400.000		5200	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Fluoranthene		33,800.000		5700	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Fluorene		37,500.000		5100	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Naphthalene		270,100.000	E	4900	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Phenanthrene		97,100.000		5600	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Pyrene		51,000.000		5000	10200 ug/Kg
O3932-03	NEVINS-SB-01-Z30-32	Solid	Total PAH		673,600.000		86300	163200 ug/Kg
Total Svoc :				1,606,200.00				
Total Concentration:				2,074,300.00				
Client ID : NEVINS-SB-01-Z67-69								
O3932-04	NEVINS-SB-01-Z67-69	Solid	1H-Indene, 2-phenyl-	*	10,400.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	4H-Cyclopenta[def]phenanthrene	*	25,700.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	9,10-Dimethylanthracene	*	11,600.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Anthracene, 2-methyl-	*	16,400.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzaldehyde, 2,4-dihydroxy-3,6-	*	12,700.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzene, 1,3-dimethyl-	*	11,300.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzene, 1-ethyl-2-methyl-	*	30,000.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzene, 1-ethyl-4-methyl-	*	14,500.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	14,200.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Dibenzothiophene	*	11,100.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Indane	*	85,500.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Mesitylene	*	28,000.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene, 1,2-dimethyl-	*	14,400.000	J		

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SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene, 1-ethyl-	*	22,400.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene, 2,3-dimethyl-	*	25,600.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene, 2,6-dimethyl-	*	14,400.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene, 2,7-dimethyl-	*	20,600.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	o-Cymene	*	16,800.000	J		
O3932-04	NEVINS-SB-01-Z67-69	Solid	Phenanthrene, 2-methyl-	*	18,500.000	J		
Total Tics :				404,100.00				
O3932-04	NEVINS-SB-01-Z67-69	Solid	1,1-Biphenyl		12,900.000		5000	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	1-Methylnaphthalene		70,900.000		5000	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	2-Methylnaphthalene		96,900.000		5200	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Acenaphthene		46,200.000		4400	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Acenaphthylene		5,300.000	J	4900	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Anthracene		19,500.000		5600	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzo(a)anthracene		15,700.000		4600	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzo(a)pyrene		11,100.000		5200	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Benzo(b)fluoranthene		9,300.000		4400	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Chrysene		12,900.000		4800	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Fluoranthene		23,700.000		5200	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Fluorene		26,000.000		4700	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Naphthalene		205,200.000	E	4500	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Phenanthrene		67,500.000		5100	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Pyrene		33,000.000		4600	9300 ug/Kg
O3932-04	NEVINS-SB-01-Z67-69	Solid	Total PAH		475,400.000		79100	148800 ug/Kg
Total Svoc :				1,131,500.00				
Total Concentration:				1,535,600.00				
Client ID : B-PP21A								
O3943-01	B-PP21A	Solid	11H-Benzo[a]fluoren-11-one	*	93.600	J		
O3943-01	B-PP21A	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	430.000	J		
O3943-01	B-PP21A	Solid	1H-Indene, 2-phenyl-	*	230.000	J		
O3943-01	B-PP21A	Solid	9,10-Anthracenedione	*	120.000	J		
O3943-01	B-PP21A	Solid	Anthracene, 1-methyl-	*	110.000	J		
O3943-01	B-PP21A	Solid	Anthracene, 2-methyl-	*	690.000	J		
O3943-01	B-PP21A	Solid	Benz[a]anthracene, 7-methyl-	*	150.000	J		
O3943-01	B-PP21A	Solid	Benzo[b]naphtho[1,2-d]thiophene	*	100.000	J		
O3943-01	B-PP21A	Solid	Benzo[e]pyrene	*	230.000	J		
O3943-01	B-PP21A	Solid	Benzo[j]fluoranthene	*	670.000	J		
O3943-01	B-PP21A	Solid	Cyclopenta(def)phenanthrenone	*	280.000	J		
O3943-01	B-PP21A	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
O3943-01	B-PP21A	Solid	Octadecanoic acid	*	150.000	J		
O3943-01	B-PP21A	Solid	Phenanthrene, 2,3-dimethyl-	*	96.200	J		
O3943-01	B-PP21A	Solid	Phenanthrene, 2,5-dimethyl-	*	440.000	J		
O3943-01	B-PP21A	Solid	Phenanthrene, 2,7-dimethyl-	*	210.000	J		

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SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3943-01	B-PP21A	Solid	Phenanthrene, 2-methyl-	*	310.000	J		
O3943-01	B-PP21A	Solid	Pyrene, 1-methyl-	*	160.000	J		
O3943-01	B-PP21A	Solid	Pyrene, 4-methyl-	*	120.000	J		
O3943-01	B-PP21A	Solid	unknown14.921	*	230.000	J		
Total Tics :				4,969.80				
O3943-01	B-PP21A	Solid	Acenaphthylene	84.200	J	61.1	120	ug/Kg
O3943-01	B-PP21A	Solid	Anthracene	87.300	J	70.6	120	ug/Kg
O3943-01	B-PP21A	Solid	Benzo(a)anthracene	870.000		58	120	ug/Kg
O3943-01	B-PP21A	Solid	Benzo(a)pyrene	870.000		65.2	120	ug/Kg
O3943-01	B-PP21A	Solid	Benzo(b)fluoranthene	940.000		55.5	120	ug/Kg
O3943-01	B-PP21A	Solid	Benzo(g,h,i)perylene	580.000		64	120	ug/Kg
O3943-01	B-PP21A	Solid	Benzo(k)fluoranthene	320.000		60.9	120	ug/Kg
O3943-01	B-PP21A	Solid	Chrysene	850.000		60	120	ug/Kg
O3943-01	B-PP21A	Solid	Dibenzo(a,h)anthracene	150.000		66.8	120	ug/Kg
O3943-01	B-PP21A	Solid	Fluoranthene	850.000		65.3	120	ug/Kg
O3943-01	B-PP21A	Solid	Indeno(1,2,3-cd)pyrene	440.000		74	120	ug/Kg
O3943-01	B-PP21A	Solid	Phenanthrene	330.000		64.1	120	ug/Kg
O3943-01	B-PP21A	Solid	Pyrene	1,300.000		57.9	120	ug/Kg
Total Svoc :				7,671.50				
Total Concentration:				12,641.30				

Client ID : NEVINS-SB01-Z78-80

O3945-02	NEVINS-SB01-Z78-80	Solid	2-Methylindene	*	20,700.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	3-Trifluoromethylbenzhydrl chlo	*	13,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Anthracene, 1-methyl-	*	12,900.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	29,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzene, (1-methyl-2-cycloproper	*	20,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	12,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzene, 1-ethyl-3-methyl-	*	18,900.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Dibenzothiophene	*	12,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Indane	*	73,500.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Mesitylene	*	22,300.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Naphthalene, 1,3-dimethyl-	*	14,300.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Naphthalene, 2,3-dimethyl-	*	26,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Naphthalene, 2,6-dimethyl-	*	19,500.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Naphthalene, 2-ethyl-	*	17,000.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	o-Cymene	*	13,400.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Phenanthrene, 1-methyl-	*	24,800.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Phenanthrene, 2,5-dimethyl-	*	15,700.000	J		
O3945-02	NEVINS-SB01-Z78-80	Solid	Phenanthrene, 2-methyl-	*	19,900.000	J		
Total Tics :				387,300.00				
O3945-02	NEVINS-SB01-Z78-80	Solid	1,1-Biphenyl	12,000.000		5400	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	1-Methylnaphthalene	67,200.000		5300	10000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3945-02	NEVINS-SB01-Z78-80	Solid	2-Methylnaphthalene	71,800.000		5600	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Acenaphthene	47,500.000		4700	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Acenaphthylene	5,600.000	J	5200	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Anthracene	22,900.000		6000	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzo(a)anthracene	19,100.000		4900	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzo(a)pyrene	13,700.000		5500	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzo(b)fluoranthene	11,300.000		4700	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Benzo(g,h,i)perylene	5,500.000	J	5400	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Chrysene	15,900.000		5100	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Fluoranthene	28,000.000		5500	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Fluorene	18,800.000		5000	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Naphthalene	199,700.000	E	4800	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Phenanthrene	76,700.000		5400	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Pyrene	39,300.000		4900	10000	ug/Kg
O3945-02	NEVINS-SB01-Z78-80	Solid	Total PAH	504,000.000		84300	160000	ug/Kg
Total Svoc :				1,159,000.00				
Total Concentration:				1,546,300.00				

Client ID : NEVINS-SB01-Z78-80DL

O3945-02DL	NEVINS-SB01-Z78-80D	Solid	1,1-Biphenyl	12,700.000	JD	10700	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	1-Methylnaphthalene	75,900.000	D	10600	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	2-Methylnaphthalene	81,700.000	D	11100	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Acenaphthene	53,100.000	D	9400	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Anthracene	23,800.000	D	12000	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Benzo(a)anthracene	18,800.000	JD	9800	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Benzo(a)pyrene	13,600.000	JD	11100	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Benzo(b)fluoranthene	11,900.000	JD	9400	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Chrysene	17,300.000	JD	10200	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Fluoranthene	30,800.000	D	11100	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Fluorene	20,000.000	D	9900	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Naphthalene	263,100.000	D	9600	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Phenanthrene	86,600.000	D	10900	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Pyrene	41,400.000	D	9800	19900	ug/Kg
O3945-02DL	NEVINS-SB01-Z78-80D	Solid	Total PAH	580,400.000	D	168700	318400	ug/Kg
Total Svoc :				1,331,100.00				
Total Concentration:				1,331,100.00				

Client ID : WC-17

O3954-07	WC-17	Solid	13-Docosenamide, (Z)-	*	59.500	J
O3954-07	WC-17	Solid	Cetene	*	96.000	J
O3954-07	WC-17	Solid	n-Hexadecanoic acid	*	110.000	J
O3954-07	WC-17	Solid	Octadecanoic acid	*	47.300	J
Total Tics :						312.80

Hit Summary Sheet SW-846

SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3954-07	WC-17	Solid	Fluoranthene	97.800	J	65	120	ug/Kg
O3954-07	WC-17	Solid	Phenanthrene	120.000		63.9	120	ug/Kg
O3954-07	WC-17	Solid	Pyrene	80.600	J	57.7	120	ug/Kg
Total Svoc :				298.40				
Total Concentration:				611.20				
Client ID : WC-20								
O3954-16	WC-20	Solid	1-Nonadecene	*	120.000	J		
O3954-16	WC-20	Solid	n-Hexadecanoic acid	*	130.000	J		
Total Tics :				250.00				
Total Concentration:				250.00				
Client ID : WC-21								
O3954-19	WC-21	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
O3954-19	WC-21	Solid	11H-Benzo[b]fluorene	*	130.000	J		
O3954-19	WC-21	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	130.000	J		
O3954-19	WC-21	Solid	2-propenamide, 2-methyl-N-[4-[(r	*	220.000	J		
O3954-19	WC-21	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J		
O3954-19	WC-21	Solid	9,10-Anthracenedione	*	110.000	J		
O3954-19	WC-21	Solid	9H-Fluorene, 2-methyl-	*	110.000	J		
O3954-19	WC-21	Solid	Anthracene, 2-methyl-	*	120.000	J		
O3954-19	WC-21	Solid	Anthracene, 9-methyl-	*	210.000	J		
O3954-19	WC-21	Solid	Benzo[e]pyrene	*	230.000	J		
O3954-19	WC-21	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
O3954-19	WC-21	Solid	Dibenzothiophene	*	130.000	J		
O3954-19	WC-21	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
O3954-19	WC-21	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
O3954-19	WC-21	Solid	Perylene	*	670.000	J		
O3954-19	WC-21	Solid	Phenanthrene, 1,7-dimethyl-	*	130.000	J		
O3954-19	WC-21	Solid	Phenanthrene, 2-methyl-	*	430.000	J		
O3954-19	WC-21	Solid	Phenanthrene, 4-methyl-	*	120.000	J		
O3954-19	WC-21	Solid	Pyrene, 1-methyl-	*	110.000	J		
O3954-19	WC-21	Solid	unknown12.416	*	110.000	J		
Total Tics :				3,870.00				
O3954-19	WC-21	Solid	Acenaphthene		200.000	J	110	ug/Kg
O3954-19	WC-21	Solid	Anthracene		490.000		140	ug/Kg
O3954-19	WC-21	Solid	Benzo(a)anthracene		1,100.000		110	ug/Kg
O3954-19	WC-21	Solid	Benzo(a)pyrene		920.000		130	ug/Kg
O3954-19	WC-21	Solid	Benzo(b)fluoranthene		1,300.000		110	ug/Kg
O3954-19	WC-21	Solid	Benzo(g,h,i)perylene		500.000		120	ug/Kg
O3954-19	WC-21	Solid	Benzo(k)fluoranthene		420.000		120	ug/Kg
O3954-19	WC-21	Solid	Carbazole		240.000		110	ug/Kg
O3954-19	WC-21	Solid	Chrysene		930.000		120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF081023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3954-19	WC-21	Solid	Dibenzo(a,h)anthracene	150.000	J	130	230	ug/Kg
O3954-19	WC-21	Solid	Dibenzofuran	150.000	J	100	230	ug/Kg
O3954-19	WC-21	Solid	Fluoranthene	2,000.000		130	230	ug/Kg
O3954-19	WC-21	Solid	Fluorene	250.000		110	230	ug/Kg
O3954-19	WC-21	Solid	Indeno(1,2,3-cd)pyrene	470.000		140	230	ug/Kg
O3954-19	WC-21	Solid	Naphthalene	120.000	J	110	230	ug/Kg
O3954-19	WC-21	Solid	Phenanthrene	1,900.000		120	230	ug/Kg
O3954-19	WC-21	Solid	Pyrene	1,700.000		110	230	ug/Kg
O3954-19	WC-21	Solid	Total PAH	12,450.000		1930	3680	ug/Kg
Total Svoc :				25,290.00				
Total Concentration:				29,160.00				
Client ID : WC-23								
O3955-04	WC-23	Solid	1H-Indene, 2-phenyl-	*	50.400	J		
O3955-04	WC-23	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	88.500	A		
O3955-04	WC-23	Solid	5-Eicosene, (E)-	*	67.400	J		
O3955-04	WC-23	Solid	9-Octadecenamide, (Z)-	*	49.200	J		
O3955-04	WC-23	Solid	Benzo[e]pyrene	*	110.000	J		
O3955-04	WC-23	Solid	Phenanthrene, 2-methyl-	*	57.200	J		
Total Tics :				422.70				
O3955-04	WC-23	Solid	Benzo(a)anthracene		140.000	57.1	120	ug/Kg
O3955-04	WC-23	Solid	Benzo(a)pyrene		130.000	64.2	120	ug/Kg
O3955-04	WC-23	Solid	Benzo(b)fluoranthene		170.000	54.7	120	ug/Kg
O3955-04	WC-23	Solid	Benzo(g,h,i)perylene		80.300	J 63	120	ug/Kg
O3955-04	WC-23	Solid	Chrysene		130.000	59.1	120	ug/Kg
O3955-04	WC-23	Solid	Fluoranthene		270.000	64.3	120	ug/Kg
O3955-04	WC-23	Solid	Phenanthrene		210.000	63.1	120	ug/Kg
O3955-04	WC-23	Solid	Pyrene		240.000	57	120	ug/Kg
Total Svoc :				1,370.30				
Total Concentration:				1,793.00				
Client ID : B-PP23A								
O3956-02	B-PP23A	Solid	n-Hexadecanoic acid	*	150.000	J		
O3956-02	B-PP23A	Solid	Pentacos-1-ene	*	180.000	J		
O3956-02	B-PP23A	Solid	Supraene	*	94.700	J		
Total Tics :				424.70				
O3956-02	B-PP23A	Solid	Benzo(b)fluoranthene		89.900	J 80.1	170	ug/Kg
Total Svoc :				89.90				
Total Concentration:				514.60				



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID:

Calibration Date(s): 8/1/2023 1:

Calibration Time(s): 07:51

LAB FILE ID:		RRF2.5 = BF134536.D			RRF005 = BF134537.D		RRF010 = BF134538.D	
		RRF020 = BF134539.D			RRF040 = BF134540.D		RRF050 = BF134541.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.798	0.821	0.837	0.792	0.759	0.784	5.2
Pyridine		1.765	1.756	1.759	1.627	1.547	1.640	7.2
2-Fluorophenol		1.494	1.480	1.472	1.302	1.202	1.316	12.8
Benzaldehyde		1.196	1.107	0.999	0.805	0.726	0.917	23.5
Aniline		2.431	2.372	2.389	2.189	2.069	2.206	8.9
Phenol-d6		1.904	1.907	1.855	1.660	1.535	1.682	12.5
Phenol		1.866	1.816	1.836	1.679	1.520	1.657	11.8
bis(2-Chloroethyl)ether		1.482	1.460	1.439	1.305	1.220	1.317	11.2
2-Chlorophenol		1.482	1.455	1.482	1.331	1.227	1.327	11.5
1,2-Dichlorobenzene		1.509	1.471	1.448	1.273	1.155	1.282	15.4
1,3-Dichlorobenzene		1.572	1.529	1.504	1.362	1.249	1.373	12.0
1,4-Dichlorobenzene		1.581	1.544	1.513	1.372	1.256	1.376	12.7
Benzyl Alcohol		1.307	1.317	1.316	1.169	1.065	1.160	13.9
2-Methylphenol		1.271	1.274	1.267	1.169	1.101	1.173	8.5
2,2-oxybis(1-Chloropropane)		2.306	2.246	2.249	2.054	1.917	2.063	10.2
Acetophenone		0.542	0.533	0.514	0.455	0.410	0.462	14.8
3+4-Methylphenols		1.661	1.662	1.622	1.425	1.258	1.414	17.2
n-Nitroso-di-n-propylamine	1.139	1.113	1.108	1.075	0.978	0.908	1.007	11.5
Nitrobenzene-d5		0.258	0.304	0.343	0.341	0.331	0.320	9.5
Hexachloroethane		0.519	0.514	0.534	0.480	0.456	0.483	8.6
Nitrobenzene		0.299	0.346	0.374	0.364	0.346	0.346	7.3
Isophorone		0.744	0.732	0.736	0.690	0.655	0.698	5.6
2-Nitrophenol		0.065	0.086	0.116	0.138	0.143	0.122	28.8
2,4-Dimethylphenol		0.330	0.335	0.336	0.307	0.294	0.311	7.1
bis(2-Chloroethoxy)methane		0.449	0.449	0.455	0.411	0.390	0.418	8.1
2,4-Dichlorophenol		0.285	0.292	0.302	0.289	0.273	0.283	4.8
1,2,4-Trichlorobenzene		0.326	0.322	0.324	0.301	0.284	0.301	7.9
Benzoic acid			0.097	0.145	0.177	0.199	0.176	27.3
Naphthalene		1.121	1.122	1.102	1.010	0.921	1.005	11.3
4-Chloroaniline		0.481	0.475	0.479	0.443	0.415	0.448	6.9
Hexachlorobutadiene		0.191	0.186	0.188	0.174	0.162	0.174	8.6
Caprolactam		0.083	0.090	0.094	0.095	0.090	0.091	4.5
4-Chloro-3-methylphenol		0.307	0.311	0.323	0.302	0.286	0.299	5.4
2-Methylnaphthalene		0.760	0.749	0.743	0.657	0.613	0.666	13.0
Hexachlorocyclopentadiene		0.247	0.271	0.296	0.306	0.288	0.283	6.8
2,4,6-Trichlorophenol		0.367	0.386	0.409	0.391	0.370	0.381	4.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID: _____

Calibration Date(s): 8/1/2023 1: _____

Calibration Time(s): 07:51 _____

LAB FILE ID:		RRF2.5 = BF134536.D		RRF005 = BF134537.D		RRF010 = BF134538.D		
		RRF020 = BF134539.D		RRF040 = BF134540.D		RRF050 = BF134541.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.533	1.418	1.220	1.048	1.203	19.3
2,4,5-Trichlorophenol		0.430	0.457	0.464	0.451	0.410	0.435	5.3
1,1-Biphenyl		1.803	1.771	1.705	1.564	1.391	1.555	13.7
2-Chloronaphthalene		1.293	1.303	1.266	1.173	1.060	1.165	10.9
2-Nitroaniline		0.172	0.245	0.327	0.362	0.354	0.316	24.7
Dimethylphthalate		1.472	1.477	1.458	1.372	1.252	1.363	8.1
Acenaphthylene		2.038	2.049	2.008	1.845	1.671	1.832	11.4
2,6-Dinitrotoluene		0.144	0.205	0.262	0.281	0.275	0.248	21.8
3-Nitroaniline		0.193	0.266	0.317	0.342	0.323	0.304	18.4
Acenaphthene		1.304	1.321	1.294	1.192	1.082	1.187	10.4
2,4-Dinitrophenol			0.038	0.056	0.077	0.090	0.079	35.4
4-Nitrophenol			0.195	0.244	0.259	0.257	0.248	11.2
Dibenzofuran		1.906	1.888	1.851	1.737	1.527	1.690	12.3
2,4-Dinitrotoluene		0.148	0.222	0.298	0.341	0.339	0.292	26.8
Diethylphthalate		1.389	1.411	1.396	1.321	1.186	1.292	9.0
4-Chlorophenyl-phenylether		0.735	0.716	0.678	0.592	0.517	0.605	17.5
Fluorene		1.479	1.477	1.390	1.205	1.054	1.231	17.8
4-Nitroaniline		0.197	0.259	0.307	0.333	0.322	0.298	17.4
4,6-Dinitro-2-methylphenol			0.034	0.054	0.071	0.078	0.069	31.1
n-Nitrosodiphenylamine		0.693	0.707	0.695	0.641	0.582	0.637	10.1
Azobenzene		1.515	1.538	1.502	1.405	1.274	1.388	10.0
2,4,6-Tribromophenol		0.180	0.209	0.222	0.216	0.198	0.204	6.8
4-Bromophenyl-phenylether		0.233	0.229	0.239	0.220	0.205	0.219	7.1
Hexachlorobenzene		0.240	0.249	0.251	0.235	0.215	0.231	7.4
Atrazine		0.185	0.194	0.191	0.171	0.160	0.172	11.0
Pentachlorophenol		0.112	0.133	0.155	0.156	0.147	0.143	11.1
Phenanthrene		1.205	1.194	1.177	1.072	0.953	1.062	12.7
Anthracene		1.225	1.217	1.209	1.094	0.978	1.085	12.6
Carbazole		1.071	1.070	1.067	0.978	0.887	0.969	10.9
Di-n-butylphthalate		1.053	1.103	1.155	1.066	0.955	1.029	8.8
Fluoranthene		1.238	1.235	1.243	1.154	1.031	1.122	11.4
Benzidine		0.524	0.492	0.412	0.482	0.402	0.434	14.9
Pyrene		1.617	1.671	1.726	1.747	1.733	1.731	4.1
Terphenyl-d14		1.167	1.157	1.157	1.136	1.100	1.135	2.7
Butylbenzylphthalate		0.431	0.494	0.571	0.629	0.640	0.585	15.7
3,3-Dichlorobenzidine		0.417	0.438	0.438	0.417	0.400	0.415	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID: _____

Calibration Date(s): 8/1/2023 1: _____

Calibration Time(s): 07:51 _____

LAB FILE ID:		RRF2.5 = BF134536.D			RRF005 = BF134537.D		RRF010 = BF134538.D	
		RRF020 = BF134539.D			RRF040 = BF134540.D		RRF050 = BF134541.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.457	1.472	1.482	1.451	1.371	1.430	3.5
Chrysene		1.427	1.418	1.437	1.399	1.351	1.393	3.2
Bis(2-ethylhexyl)phthalate		0.631	0.693	0.711	0.727	0.687	0.689	5.2
Di-n-octyl phthalate		0.877	0.956	1.042	1.103	1.062	1.047	9.9
Benzo(b)fluoranthene		1.270	1.271	1.358	1.210	1.129	1.220	7.1
Benzo(k)fluoranthene		1.224	1.326	1.296	1.287	1.165	1.215	7.8
Benzo(a)pyrene		1.124	1.179	1.178	1.174	1.099	1.137	3.7
Indeno(1,2,3-cd)pyrene		1.019	1.028	1.101	1.261	1.234	1.176	10.5
Dibenzo(a,h)anthracene		0.819	0.841	0.889	1.017	1.001	0.951	10.3
Benzo(g,h,i)perylene		0.801	0.826	0.897	1.042	1.042	0.970	12.9
1,2,4,5-Tetrachlorobenzene		0.644	0.652	0.630	0.585	0.526	0.582	10.8
1,4-Dioxane		0.641	0.648	0.649	0.606	0.573	0.605	6.9
2,3,4,6-Tetrachlorophenol		0.323	0.354	0.366	0.359	0.341	0.344	4.8
1-Methylnaphthalene		0.703	0.683	0.684	0.618	0.564	0.620	11.7

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: CHEMTECHLab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2023 12:00AMLab File ID: BF134540.D Time Analyzed: 10:35Instrument 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	213182	6.792	805859	8.08	399274	9.83
	UPPER LIMIT	426364	7.292	1611718	8.575	798548	10.327
	LOWER LIMIT	106591	6.292	402929.5	7.575	199637	9.327
	EPA SAMPLE NO.						
01	PB154564BL	199366	6.80	795279	8.08	414612	9.83
02	PB154717BS	174109	6.80	703457	8.08	357784	9.84
03	PB154698BS	204441	6.80	810970	8.08	414747	9.84
04	B-PP21A	204755	6.80	787198	8.08	384120	9.83
05	NEVINS-SB01-Z78-80	166869	6.80	655734	8.08	317052	9.83
06	NEVINS-SB-01-Z18-20	164791	6.80	645135	8.08	308177	9.83
07	NEVINS-SB-01-Z20-22	154926	6.80	614834	8.08	296471	9.83
08	NEVINS-SB-01-Z30-32	161849	6.80	646422	8.08	317532	9.83
09	NEVINS-SB-01-Z67-69	195044	6.80	766798	8.08	370752	9.83
10	NEVINS-SB-01-Z20-22DL	149238	6.80	593132	8.08	286062	9.83
11	NEVINS-SB-01-Z18-20DL	151894	6.80	604945	8.08	292702	9.83
12	NEVINS-SB01-Z78-80DL	151824	6.80	593734	8.08	286482	9.83
13	WC-21	157190	6.80	597884	8.08	292335	9.83
14	WC-20	158504	6.80	594670	8.08	281537	9.83
15	WC-17	187900	6.80	716779	8.08	339209	9.83
16	WC-23	190146	6.80	727385	8.08	339899	9.83
17	B-PP23A	200187	6.80	761725	8.08	355604	9.83

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 20:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	213182	6.792	805859	8.08	399274	9.83
UPPER LIMIT	426364	7.292	1611718	8.575	798548	10.327
LOWER LIMIT	106591	6.292	402929.5	7.575	199637	9.327
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2023 12:00AMLab File ID: BF134701.D Time Analyzed: 10:35Instrument 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	211652	6.804	796113	8.08	407781	9.84
	UPPER LIMIT	423304	7.304	1592226	8.581	815562	10.339
	LOWER LIMIT	105826	6.304	398056.5	7.581	203890.5	9.339
	EPA SAMPLE NO.						
01	PB154564BL	199366	6.80	795279	8.08	414612	9.83
02	PB154717BS	174109	6.80	703457	8.08	357784	9.84
03	PB154698BS	204441	6.80	810970	8.08	414747	9.84
04	B-PP21A	204755	6.80	787198	8.08	384120	9.83
05	NEVINS-SB01-Z78-80	166869	6.80	655734	8.08	317052	9.83
06	NEVINS-SB-01-Z18-20	164791	6.80	645135	8.08	308177	9.83
07	NEVINS-SB-01-Z20-22	154926	6.80	614834	8.08	296471	9.83
08	NEVINS-SB-01-Z30-32	161849	6.80	646422	8.08	317532	9.83
09	NEVINS-SB-01-Z67-69	195044	6.80	766798	8.08	370752	9.83
10	NEVINS-SB-01-Z20-22DL	149238	6.80	593132	8.08	286062	9.83
11	NEVINS-SB-01-Z18-20DL	151894	6.80	604945	8.08	292702	9.83
12	NEVINS-SB01-Z78-80DL	151824	6.80	593734	8.08	286482	9.83
13	WC-21	157190	6.80	597884	8.08	292335	9.83
14	WC-20	158504	6.80	594670	8.08	281537	9.83
15	WC-17	187900	6.80	716779	8.08	339209	9.83
16	WC-23	190146	6.80	727385	8.08	339899	9.83
17	B-PP23A	200187	6.80	761725	8.08	355604	9.83

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023
 EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2023 12:00AM
 Lab File ID: BF134701.D Time Analyzed: 20:03
 Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	211652	6.804	796113	8.08	407781	9.84
UPPER LIMIT	423304	7.304	1592226	8.581	815562	10.339
LOWER LIMIT	105826	6.304	398056.5	7.581	203890.5	9.339
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 10:35

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	726478	11.316	486561	13.962	442066	15.415
UPPER LIMIT	1452956	11.816	973122	14.462	884132	15.915
LOWER LIMIT	363239	10.816	243280.5	13.462	221033	14.915
EPA SAMPLE NO.						
01 PB154564BL	806378	11.33	612479	13.97	489306	15.45
02 PB154717BS	671300	11.33	416910	13.98	377976	15.45
03 PB154698BS	751163	11.33	438824	13.98	421198	15.45
04 B-PP21A	618574	11.32	385939	13.98	366382	15.45
05 NEVINS-SB01-Z78-80	530616	11.33	339076	13.97	322027	15.45
06 NEVINS-SB-01-Z18-20	515347	11.33	332548	13.97	305318	15.45
07 NEVINS-SB-01-Z20-22	483136	11.32	320195	13.97	294183	15.45
08 NEVINS-SB-01-Z30-32	527572	11.33	342171	13.97	317829	15.45
09 NEVINS-SB-01-Z67-69	595619	11.32	395313	13.97	378393	15.45
10 NEVINS-SB-01-Z20-22DL	469441	11.32	307344	13.97	297409	15.44
11 NEVINS-SB-01-Z18-20DL	474150	11.32	318757	13.97	298958	15.44
12 NEVINS-SB01-Z78-80DL	473957	11.32	313777	13.97	287059	15.44
13 WC-21	487688	11.32	309050	13.97	299978	15.45
14 WC-20	457462	11.32	319865	13.97	295877	15.44
15 WC-17	539790	11.32	368927	13.97	329311	15.44
16 WC-23	538871	11.32	364654	13.97	323783	15.44
17 B-PP23A	562192	11.32	398427	13.97	348545	15.44

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 10 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 20:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	726478	11.316	486561	13.962	442066	15.415
UPPER LIMIT	1452956	11.816	973122	14.462	884132	15.915
LOWER LIMIT	363239	10.816	243280.5	13.462	221033	14.915
EPA SAMPLE NO.						

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2023 12:00AM

Lab File ID: BF134701.D Time Analyzed: 10:35

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	753416	11.327	475359	13.98	412468	15.451
UPPER LIMIT	1506832	11.827	950718	14.48	824936	15.951
LOWER LIMIT	376708	10.827	237679.5	13.48	206234	14.951
EPA SAMPLE NO.						
01 PB154564BL	806378	11.33	612479	13.97	489306	15.45
02 PB154717BS	671300	11.33	416910	13.98	377976	15.45
03 PB154698BS	751163	11.33	438824	13.98	421198	15.45
04 B-PP21A	618574	11.32	385939	13.98	366382	15.45
05 NEVINS-SB01-Z78-80	530616	11.33	339076	13.97	322027	15.45
06 NEVINS-SB-01-Z18-20	515347	11.33	332548	13.97	305318	15.45
07 NEVINS-SB-01-Z20-22	483136	11.32	320195	13.97	294183	15.45
08 NEVINS-SB-01-Z30-32	527572	11.33	342171	13.97	317829	15.45
09 NEVINS-SB-01-Z67-69	595619	11.32	395313	13.97	378393	15.45
10 NEVINS-SB-01-Z20-22DL	469441	11.32	307344	13.97	297409	15.44
11 NEVINS-SB-01-Z18-20DL	474150	11.32	318757	13.97	298958	15.44
12 NEVINS-SB01-Z78-80DL	473957	11.32	313777	13.97	287059	15.44
13 WC-21	487688	11.32	309050	13.97	299978	15.45
14 WC-20	457462	11.32	319865	13.97	295877	15.44
15 WC-17	539790	11.32	368927	13.97	329311	15.44
16 WC-23	538871	11.32	364654	13.97	323783	15.44
17 B-PP23A	562192	11.32	398427	13.97	348545	15.44

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081023 SAS No.: BF081023 SDG NO.: BF081023

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 10 2023 12:00AM

Lab File ID: BF134701.D Time Analyzed: 20:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	753416	11.327	475359	13.98	412468	15.451
UPPER LIMIT	1506832	11.827	950718	14.48	824936	15.951
LOWER LIMIT	376708	10.827	237679.5	13.48	206234	14.951
EPA SAMPLE NO.						

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.: BF081023

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB154698BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	1200	ug/Kg	71				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1300	ug/Kg	76				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1200	ug/Kg	71				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	990	ug/Kg	58				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1400	ug/Kg	82				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	24500	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF081023

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB154698BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	3400	3400	ug/Kg	100				60	106	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	2100	ug/Kg	124		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	1900	ug/Kg	112				67	113	
	Pentachlorophenol	3300	2600	ug/Kg	79				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2500	ug/Kg	76				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1400	ug/Kg	82				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	2000	ug/Kg	118		*		61	112	
	Benzo(g,h,i)perylene	1700	1900	ug/Kg	112		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF081023

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB154717BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	1600	ug/Kg	94				10	147	
	Aniline	1700	1200	ug/Kg	71				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1800	ug/Kg	106		*		51	102	
	1,3-Dichlorobenzene	1700	1800	ug/Kg	106		*		52	99	
	1,4-Dichlorobenzene	1700	1800	ug/Kg	106		*		52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				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	1800	ug/Kg	106				72	108	
	Nitrobenzene	1700	1700	ug/Kg	100				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	2100	ug/Kg	124		*		61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				53	105	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1800	ug/Kg	106				44	110	
	Benzoic acid	1700	2000	ug/Kg	118				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	810	ug/Kg	48				16	100	
	Hexachlorobutadiene	1700	1800	ug/Kg	106		*		53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	134	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1900	ug/Kg	112		*		61	104	
	3-Nitroaniline	1700	1400	ug/Kg	82				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	27800	ug/Kg	102				57	104	
	2,4-Dinitrophenol	3300	4200	ug/Kg	127				37	128	
	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF081023

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB154717BS	2,4-Dinitrotoluene	1700	2000	ug/Kg	118		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3900	ug/Kg	115		*		60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	2000	ug/Kg	118		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100		*		55	99	
	Hexachlorobenzene	1700	1800	ug/Kg	106		*		64	98	
	Atrazine	1700	2100	ug/Kg	124		*		67	113	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzo(a)pyrene	3300	2600	ug/Kg	79				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				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	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	2200	ug/Kg	129		*		63	101	
	Dibenz(a,h)anthracene	1700	2200	ug/Kg	129		*		61	112	
	Benzo(g,h,i)perylene	1700	2100	ug/Kg	124		*		70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154564BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081023

SAS No.: BF081023 SDG NO.: BF081023

Lab File ID: BF134702.D

Lab Sample ID: PB154564BL

Instrument ID: BNA_F

Date Extracted: 08/01/2023

Matrix: (soil/water) Solid

Date Analyzed: 08/10/2023

Level: (low/med) LOW

Time Analyzed: 10:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154698BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081023SAS No.: BF081023 SDG NO.: BF081023Lab File ID: BF134704.DLab Sample ID: PB154698BSInstrument ID: BNA_FDate Extracted: 08/08/2023Matrix: (soil/water) SolidDate Analyzed: 08/10/2023Level: (low/med) LOWTime Analyzed: 11:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB154698BS	PB154698BS	BF134704.D	08/10/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-PP21A

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BF081023

SAS No.: BF081023

SDG NO.: BF081023

Lab File ID: BF134705.D

Lab Sample ID: O3943-01

Instrument ID: BNA_F

Date Extracted: 08/09/2023

Matrix: (soil/water) Solid

Date Analyzed: 08/10/2023

Level: (low/med) LOW

Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-PP21A	O3943-01	BF134705.D	08/10/2023
NEVINS-SB01-Z78-80	O3945-02	BF134706.D	08/10/2023
NEVINS-SB-01-Z18-20	O3932-01	BF134707.D	08/10/2023
NEVINS-SB-01-Z20-22	O3932-02	BF134708.D	08/10/2023
NEVINS-SB-01-Z30-32	O3932-03	BF134709.D	08/10/2023
NEVINS-SB-01-Z67-69	O3932-04	BF134710.D	08/10/2023
PB154717BS	PB154717BS	BF134703.D	08/10/2023

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-21

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081023SAS No.: BF081023 SDG NO.: BF081023Lab File ID: BF134714.DLab Sample ID: O3954-19Instrument ID: BNA_FDate Extracted: 08/10/2023Matrix: (soil/water) SolidDate Analyzed: 08/10/2023Level: (low/med) LOWTime Analyzed: 17:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-21	O3954-19	BF134714.D	08/10/2023
WC-20	O3954-16	BF134715.D	08/10/2023
WC-17	O3954-07	BF134716.D	08/10/2023
WC-23	O3955-04	BF134717.D	08/10/2023
B-PP23A	O3956-02	BF134718.D	08/10/2023

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BF081023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB154564BL	PB154564BL	BF134702.D	2-Fluorophenol	150	118.13	79		18	112
			Phenol-d6	150	115.13	77		15	107
			Nitrobenzene-d5	100	98.24	98		18	107
			2-Fluorobiphenyl	100	89.19	89		20	109
			2,4,6-Tribromophenol	150	148.44	99		10	110
			Terphenyl-d14	100	80.17	80		14	112



Surrogate Summary
SW-846

SDG No.: BF081023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB154698BS	PB154698BS	BF134704.D	2-Fluorophenol	150	105.19	70		18	112
			Phenol-d6	150	104.23	69		15	107
			Nitrobenzene-d5	100	88.95	89		18	107
			2-Fluorobiphenyl	100	78.94	79		20	109
			2,4,6-Tribromophenol	150	131.22	87		10	110
			Terphenyl-d14	100	96.29	96		14	112

Surrogate Summary

SW-846

SDG No.: **BF081023**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3932-01	NEVINS-SB-01-Z1 BF134707.D		2-Fluorophenol	150	38.25	25		18	112
			Phenol-d6	150	39.45	26		15	107
			Nitrobenzene-d5	100	49.80	50		18	107
			2-Fluorobiphenyl	100	60.40	60		20	109
			2,4,6-Tribromophenol	150	40.35	27		10	110
			Terphenyl-d14	100	56.50	56		14	112
O3932-01DL	NEVINS-SB-01-Z1 BF134712.D		2-Fluorophenol	150	32.10	21		18	112
			Phenol-d6	150	24.70	16		15	107
			Nitrobenzene-d5	100	39.30	39		18	107
			2-Fluorobiphenyl	100	62.90	63		20	109
			2,4,6-Tribromophenol	150	33.00	22		10	110
			Terphenyl-d14	100	60.20	60		14	112
O3932-02	NEVINS-SB-01-Z2 BF134708.D		2-Fluorophenol	150	50.10	33		18	112
			Phenol-d6	150	50.50	34		15	107
			Nitrobenzene-d5	100	61.50	62		18	107
			2-Fluorobiphenyl	100	70.90	71		20	109
			2,4,6-Tribromophenol	150	51.80	35		10	110
			Terphenyl-d14	100	69.25	69		14	112
O3932-02DL	NEVINS-SB-01-Z2 BF134711.D		2-Fluorophenol	150	50.60	34		18	112
			Phenol-d6	150	35.90	24		15	107
			Nitrobenzene-d5	100	55.30	55		18	107
			2-Fluorobiphenyl	100	77.10	77		20	109
			2,4,6-Tribromophenol	150	38.40	26		10	110
			Terphenyl-d14	100	71.20	71		14	112
O3932-03	NEVINS-SB-01-Z3 BF134709.D		2-Fluorophenol	150	51.20	34		18	112
			Phenol-d6	150	50.65	34		15	107
			Nitrobenzene-d5	100	54.60	55		18	107
			2-Fluorobiphenyl	100	69.95	70		20	109
			2,4,6-Tribromophenol	150	54.55	36		10	110
			Terphenyl-d14	100	72.60	73		14	112
O3932-04	NEVINS-SB-01-Z6 BF134710.D		2-Fluorophenol	150	29.40	20		18	112
			Phenol-d6	150	30.15	20		15	107
			Nitrobenzene-d5	100	31.85	32		18	107
			2-Fluorobiphenyl	100	47.70	48		20	109
			2,4,6-Tribromophenol	150	28.50	19		10	110
			Terphenyl-d14	100	44.85	45		14	112
O3943-01	B-PP21A	BF134705.D	2-Fluorophenol	150	74.20	49		18	112
			Phenol-d6	150	73.05	49		15	107
			Nitrobenzene-d5	100	62.29	62		18	107
			2-Fluorobiphenyl	100	62.61	63		20	109
			2,4,6-Tribromophenol	150	82.26	55		10	110
			Terphenyl-d14	100	59.09	59		14	112
O3945-02	NEVINS-SB01-Z7&BF134706.D		2-Fluorophenol	150	60.75	41		18	112
			Phenol-d6	150	56.95	38		15	107
			Nitrobenzene-d5	100	59.80	60		18	107
			2-Fluorobiphenyl	100	78.65	79		20	109
			2,4,6-Tribromophenol	150	67.10	45		10	110
			Terphenyl-d14	100	76.85	77		14	112
O3945-02DL	NEVINS-SB01-Z7&BF134713.D		2-Fluorophenol	150	54.00	36		18	112
			Phenol-d6	150	43.10	29		15	107
			Nitrobenzene-d5	100	53.60	54		18	107



Surrogate Summary
SW-846

SDG No.: BF081023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3945-02DL	NEVINS-SB01-Z78BF134713.D		2-Fluorobiphenyl	100	83.30	83		20	109
			2,4,6-Tribromophenol	150	47.40	32		10	110
			Terphenyl-d14	100	79.50	80		14	112
			2-Fluorophenol	150	125.45	84		18	112
PB154717BS	PB154717BS	BF134703.D	Phenol-d6	150	122.72	82		15	107
			Nitrobenzene-d5	100	102.90	103		18	107
			2-Fluorobiphenyl	100	93.17	93		20	109
			2,4,6-Tribromophenol	150	154.81	103		10	110
			Terphenyl-d14	100	103.59	104		14	112



Surrogate Summary

SW-846

SDG No.: **BF081023**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3954-07	WC-17	BF134716.D	2-Fluorophenol	150	63.27	42		18	112
			Phenol-d6	150	62.36	42		15	107
			Nitrobenzene-d5	100	49.78	50		18	107
			2-Fluorobiphenyl	100	51.35	51		20	109
			2,4,6-Tribromophenol	150	65.64	44		10	110
			Terphenyl-d14	100	45.49	45		14	112
O3954-16	WC-20	BF134715.D	2-Fluorophenol	150	90.26	60		18	112
			Phenol-d6	150	84.73	56		15	107
			Nitrobenzene-d5	100	72.13	72		18	107
			2-Fluorobiphenyl	100	79.75	80		20	109
			2,4,6-Tribromophenol	150	91.97	61		10	110
			Terphenyl-d14	100	67.24	67		14	112
O3954-19	WC-21	BF134714.D	2-Fluorophenol	150	86.27	58		18	112
			Phenol-d6	150	82.12	55		15	107
			Nitrobenzene-d5	100	69.86	70		18	107
			2-Fluorobiphenyl	100	76.11	76		20	109
			2,4,6-Tribromophenol	150	91.38	61		10	110
			Terphenyl-d14	100	70.89	71		14	112
O3955-04	WC-23	BF134717.D	2-Fluorophenol	150	57.09	38		18	112
			Phenol-d6	150	57.23	38		15	107
			Nitrobenzene-d5	100	47.60	48		18	107
			2-Fluorobiphenyl	100	49.74	50		20	109
			2,4,6-Tribromophenol	150	47.62	32		10	110
			Terphenyl-d14	100	43.78	44		14	112
O3956-02	B-PP23A	BF134718.D	2-Fluorophenol	150	73.13	49		18	112
			Phenol-d6	150	70.78	47		15	107
			Nitrobenzene-d5	100	59.87	60		18	107
			2-Fluorobiphenyl	100	61.56	62		20	109
			2,4,6-Tribromophenol	150	76.76	51		10	110
			Terphenyl-d14	100	53.36	53		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF081023Lab Code: CHEMSAS No.: BF081023 SDG NO.: BF081023Lab File ID: BF134700.DDFTPP Injection Date: 08/10/2023Instrument ID: BNA_FDFTPP Injection Time: 09:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.4
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	23.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	32.2
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	23.1
365	Greater than 1% of mass 198	3.3
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	18.9 (18.9) 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	BF134701.D	08/10/2023	10:03
PB154564BL	PB154564BL	BF134702.D	08/10/2023	10:35
PB154717BS	PB154717BS	BF134703.D	08/10/2023	11:07
PB154698BS	PB154698BS	BF134704.D	08/10/2023	11:38
B-PP21A	O3943-01	BF134705.D	08/10/2023	12:20
NEVINS-SB01-Z78-80	O3945-02	BF134706.D	08/10/2023	12:54
NEVINS-SB-01-Z18-20	O3932-01	BF134707.D	08/10/2023	13:27
NEVINS-SB-01-Z20-22	O3932-02	BF134708.D	08/10/2023	13:59
NEVINS-SB-01-Z30-32	O3932-03	BF134709.D	08/10/2023	15:13
NEVINS-SB-01-Z67-69	O3932-04	BF134710.D	08/10/2023	15:44
NEVINS-SB-01-Z20-22DL	O3932-02DL	BF134711.D	08/10/2023	16:17
NEVINS-SB-01-Z18-20DL	O3932-01DL	BF134712.D	08/10/2023	16:49
NEVINS-SB01-Z78-80DL	O3945-02DL	BF134713.D	08/10/2023	17:22
WC-21	O3954-19	BF134714.D	08/10/2023	17:55
WC-20	O3954-16	BF134715.D	08/10/2023	18:27
WC-17	O3954-07	BF134716.D	08/10/2023	18:59
WC-23	O3955-04	BF134717.D	08/10/2023	19:31
B-PP23A	O3956-02	BF134718.D	08/10/2023	20:03