

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-11DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140344.D	5	10/25/24 09:50	11/13/24 16:02	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	430	UD	430	1600	ug/Kg
110-86-1	Pyridine	400	UD	400	850	ug/Kg
100-52-7	Benzaldehyde	910	UD	910	1600	ug/Kg
62-53-3	Aniline	480	UD	480	850	ug/Kg
108-95-2	Phenol	410	UD	410	850	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5600	D	420	850	ug/Kg
95-57-8	2-Chlorophenol	1900	D	420	850	ug/Kg
95-50-1	1,2-Dichlorobenzene	2600	D	420	850	ug/Kg
541-73-1	1,3-Dichlorobenzene	3900	D	430	850	ug/Kg
106-46-7	1,4-Dichlorobenzene	4700	D	430	850	ug/Kg
100-51-6	Benzyl Alcohol	410	UD	410	1600	ug/Kg
95-48-7	2-Methylphenol	400	UD	400	850	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2800	D	450	850	ug/Kg
98-86-2	Acetophenone	430	UD	430	850	ug/Kg
65794-96-9	3+4-Methylphenols	400	UD	400	1600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	5700	D	200	400	ug/Kg
67-72-1	Hexachloroethane	3300	D	410	850	ug/Kg
98-95-3	Nitrobenzene	5700	D	450	850	ug/Kg
78-59-1	Isophorone	4300	D	420	850	ug/Kg
88-75-5	2-Nitrophenol	2100	D	470	850	ug/Kg
105-67-9	2,4-Dimethylphenol	460	UD	460	850	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3800	D	430	850	ug/Kg
120-83-2	2,4-Dichlorophenol	380	UD	380	850	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4700	D	430	850	ug/Kg
65-85-0	Benzoic acid	1200	UD	1200	1600	ug/Kg
91-20-3	Naphthalene	410	UD	410	850	ug/Kg
106-47-8	4-Chloroaniline	410	UD	410	850	ug/Kg
87-68-3	Hexachlorobutadiene	420	UD	420	850	ug/Kg
105-60-2	Caprolactam	430	UD	430	1600	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-11DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140344.D	5	10/25/24 09:50	11/13/24 16:02	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
59-50-7	4-Chloro-3-methylphenol	390	UD	390	850	ug/Kg
91-57-6	2-Methylnaphthalene	3400	D	410	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	780	UD	780	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800	D	360	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370	UD	370	850	ug/Kg
92-52-4	1,1-Biphenyl	440	UD	440	850	ug/Kg
91-58-7	2-Chloronaphthalene	2300	D	420	850	ug/Kg
88-74-4	2-Nitroaniline	470	UD	470	850	ug/Kg
131-11-3	Dimethylphthalate	2400	D	410	850	ug/Kg
208-96-8	Acenaphthylene	2900	D	430	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	420	UD	420	850	ug/Kg
99-09-2	3-Nitroaniline	440	UD	440	850	ug/Kg
83-32-9	Acenaphthene	2400	D	400	850	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	UD	1200	1600	ug/Kg
100-02-7	4-Nitrophenol	2100	D	580	1600	ug/Kg
132-64-9	Dibenzofuran	4500	D	420	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	430	UD	430	850	ug/Kg
84-66-2	Diethylphthalate	400	UD	400	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	430	UD	430	850	ug/Kg
86-73-7	Fluorene	3900	D	430	850	ug/Kg
100-01-6	4-Nitroaniline	530	UD	530	850	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	UDQ	580	1600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	410	UD	410	850	ug/Kg
103-33-3	Azobenzene	400	UD	400	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500	D	390	850	ug/Kg
118-74-1	Hexachlorobenzene	2500	D	420	850	ug/Kg
1912-24-9	Atrazine	460	UD	460	850	ug/Kg
87-86-5	Pentachlorophenol	2400	D	390	1600	ug/Kg
85-01-8	Phenanthrene	2100	D	420	850	ug/Kg
120-12-7	Anthracene	2700	D	420	850	ug/Kg
86-74-8	Carbazole	3300	D	400	850	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-11DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140344.D	5	10/25/24 09:50	11/13/24 16:02	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
84-74-2	Di-n-butylphthalate	3300	D	420	850	ug/Kg
206-44-0	Fluoranthene	1600	D	410	850	ug/Kg
92-87-5	Benzidine	810	UD	810	1600	ug/Kg
129-00-0	Pyrene	410	UD	410	850	ug/Kg
85-68-7	Butylbenzylphthalate	3800	D	480	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	490	UD	490	1600	ug/Kg
56-55-3	Benzo(a)anthracene	2000	D	400	850	ug/Kg
218-01-9	Chrysene	400	UD	400	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	D	450	850	ug/Kg
117-84-0	Di-n-octyl phthalate	550	UD	550	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	UD	400	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	UD	410	850	ug/Kg
50-32-8	Benzo(a)pyrene	460	UD	460	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	390	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	UD	410	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	UD	400	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	430	UD	430	850	ug/Kg
123-91-1	1,4-Dioxane	550	UD	550	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100	D	370	850	ug/Kg
90-12-0	1-Methylnaphthalene	420	UD	420	850	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.4		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	84.0		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.4		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.8		20 - 109	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.7		10 - 116	61%	SPK: 150
1718-51-0	Terphenyl-d14	78.4		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	114000	6.875			
1146-65-2	Naphthalene-d8	459000	8.157			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-11DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140344.D	5	10/25/24 09:50	11/13/24 16:02	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
15067-26-2	Acenaphthene-d10	256000	9.91			
1517-22-2	Phenanthrene-d10	483000	11.398			
1719-03-5	Chrysene-d12	304000	14.063			
1520-96-3	Perylene-d12	246000	15.586			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products