

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-PAH-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-13DL	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	100
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN035087.D	5	10/25/24 09:50	11/14/24 14:10	PB164402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	170	D	3.50	16.5	ug/Kg
91-57-6	2-Methylnaphthalene	180	D	4.00	16.5	ug/Kg
208-96-8	Acenaphthylene	80.8	D	3.20	16.5	ug/Kg
83-32-9	Acenaphthene	300	D	2.80	16.5	ug/Kg
86-73-7	Fluorene	120	D	3.00	16.5	ug/Kg
85-01-8	Phenanthrene	290	D	3.20	16.5	ug/Kg
120-12-7	Anthracene	430	D	4.00	16.5	ug/Kg
206-44-0	Fluoranthene	150	D	3.40	16.5	ug/Kg
129-00-0	Pyrene	190	D	4.80	16.5	ug/Kg
56-55-3	Benzo(a)anthracene	220	D	3.80	16.5	ug/Kg
218-01-9	Chrysene	180	D	4.30	16.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	D	6.00	16.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	4.90	16.5	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	8.30	16.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	D	6.30	16.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	D	5.90	16.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40.8	D	5.70	16.5	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.27		17 - 161	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.29		23 - 138	72%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		33 - 121	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		32 - 121	77%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		21 - 130	94%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	3590	7.553
1146-65-2	Naphthalene-d8	9960	10.319
15067-26-2	Acenaphthene-d10	7630	14.19
1517-22-2	Phenanthrene-d10	18500	16.932
1719-03-5	Chrysene-d12	19200	21.133

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1520-96-3	Perylene-d12	17700	23.303			

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