

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-NJEPH-SOILDL	SDG No.:	P4495
Lab Sample ID:	P4495-16DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	20.27 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048599.D	5	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	32.8		2.22	4.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	104		2.52	7.40	mg/kg
Aromatic C16-C21	Aromatic C16-C21	193		7.10	12.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	47.4		14.8	19.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	12.3		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	11.4		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.75		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4495-16DL	Acq On:	28 Oct 2024 11:26
Client Sample ID:	PT-NJEPH-SOILDL	Operator:	YP/AJ
Data file:	FD048599.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	11706057	66.435	200	ug/ml
Aromatic C12-C16	5.813	8.417	37597222	212.086	300	ug/ml
Aromatic C16-C21	8.418	12.677	64233129	392.066	500	ug/ml
Aromatic C21-C36	12.678	18.081	14679323	96.124	800	ug/ml
Aromatic EPH	4.094	18.081	128215731	766.71		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	1661344	9.75		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	1872166	12.33		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	1114983	11.36		ug/ml