

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	PB164396BSD	SDG No.:	P4495
Lab Sample ID:	PB164396BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048605.D	1	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.03		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.57		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.3		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.3		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.7		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.9		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.7		40 - 140	83%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164396BSD	Acq On:	28 Oct 2024 15:08
Client Sample ID:	PB164396BSD	Operator:	YP/AJ
Data file:	FD048605.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	13302714	75.497	200	ug/ml
Aromatic C12-C16	5.813	8.417	22794499	128.584	300	ug/ml
Aromatic C16-C21	8.418	12.677	44933158	274.263	500	ug/ml
Aromatic C21-C36	12.678	18.081	62657164	410.293	800	ug/ml
Aromatic EPH	4.094	18.081	143687535	888.636		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	7098045	41.67		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	7693298	50.69		ug/ml
2-Flurobiphenyl (SURR)	8.222	8.222	5094272	51.88		ug/ml