

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015019.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.45	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.10		0.36	1.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	10.1		1.02	1.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36	14.6		2.13	2.85	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.6		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.2		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-07	Acq On:	13 Nov 2024 19:35
Client Sample ID:	SOIL-4	Operator:	YP\AJ
Data file:	FF015019.D	Misc:	
Instrument:	FID_F	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	983824	6.365	200	ug/ml
Aromatic C12-C16	6.373	9.063	8842076	57.58	300	ug/ml
Aromatic C16-C21	9.064	13.374	20256671	142.556	500	ug/ml
Aromatic C21-C36	13.375	18.815	28393433	205.688	800	ug/ml
Aromatic EPH	4.508	18.815	58476004	412.19		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	5314266	36.08		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	7267116	54.61		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4837517	54.24		ug/ml