

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-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015020.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	0.34	U	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.17		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	6.10		1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.32	J	2.25	2.99	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.6		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.6		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-09	Acq On:	13 Nov 2024 20:04
Client Sample ID:	SOIL-5	Operator:	YP\AJ
Data file:	FF015020.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	679529	4.396	200	ug/ml
Aromatic C12-C16	6.373	9.063	12659957	82.443	300	ug/ml
Aromatic C16-C21	9.064	13.374	11579146	81.488	500	ug/ml
Aromatic C21-C36	13.375	18.815	4275524	30.973	800	ug/ml
Aromatic EPH	4.508	18.815	29194156	199.3		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	6658910	45.21		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	7133443	53.6		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4689867	52.58		ug/ml