

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-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
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
FF015018.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	0.32	U	0.32	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.11		0.37	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.12		1.04	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.58	J	2.16	2.88	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.7		40 - 140	87%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.6		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-05	Acq On:	13 Nov 2024 19:07
Client Sample ID:	SOIL-3	Operator:	YP\AJ
Data file:	FF015018.D	Misc:	
Instrument:	FID_F	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	541822	3.505	200	ug/ml
Aromatic C12-C16	6.373	9.063	4499622	29.302	300	ug/ml
Aromatic C16-C21	9.064	13.374	4186325	29.461	500	ug/ml
Aromatic C21-C36	13.375	18.815	4952742	35.879	800	ug/ml
Aromatic EPH	4.508	18.815	14180511	98.147		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	4688162	31.83		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	5816772	43.71		ug/ml
2-Fluorobiphenyl (SURR)	8.865	8.865	3795887	42.56		ug/ml