

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-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015012.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	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.39	U	0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.38		1.09	1.90	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.35		2.28	3.04	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.8		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.4		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.1		40 - 140	50%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-11	Acq On:	13 Nov 2024 16:18
Client Sample ID:	SOIL-6	Operator:	YP\AJ
Data file:	FF015012.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	505753	3.272	200	ug/ml
Aromatic C12-C16	6.373	9.063	765591	4.986	300	ug/ml
Aromatic C16-C21	9.064	13.374	4459276	31.382	500	ug/ml
Aromatic C21-C36	13.375	18.815	6092670	44.137	800	ug/ml
Aromatic EPH	4.508	18.815	11823290	83.776		ug/ml
ortho-Terphenyl (SURR)	11.923	11.923	3689427	25.05		ug/ml
2-Bromonaphthalene (SURR)	7.986	7.986	6492062	48.78		ug/ml
2-Fluorobiphenyl (SURR)	8.861	8.861	4317603	48.41		ug/ml