

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-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048724.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	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.11		0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.40		1.04	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.54		2.18	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.7		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.2		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.2		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-03	Acq On:	13 Nov 2024 20:52
Client Sample ID:	SOIL-2	Operator:	YP/AJ
Data file:	FD048724.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.089	5.807	1080905	6.134	200	ug/ml
Aromatic C12-C16	5.808	8.412	10044459	56.661	300	ug/ml
Aromatic C16-C21	8.413	12.673	5430237	33.145	500	ug/ml
Aromatic C21-C36	12.674	18.078	7443564	48.742	800	ug/ml
Aromatic EPH	4.089	18.078	23999165	144.682		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	8457342	55.72		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	5519312	56.21		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	6678235	39.21		ug/ml