

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-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048723.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	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.44	J	0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.54	J	1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	6.53		2.12	2.83	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.5		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.1		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-01	Acq On:	13 Nov 2024 20:16
Client Sample ID:	SOIL-1	Operator:	YP/AJ
Data file:	FD048723.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.089	5.807	843321	4.786	200	ug/ml
Aromatic C12-C16	5.808	8.412	1099404	6.202	300	ug/ml
Aromatic C16-C21	8.413	12.673	3575104	21.822	500	ug/ml
Aromatic C21-C36	12.674	18.078	14116809	92.44	800	ug/ml
Aromatic EPH	4.089	18.078	19634638	125.25		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	7057358	46.5		ug/ml
2-Fluorobiphenyl (SURRE)	8.217	8.217	4628849	47.14		ug/ml
ortho-Terphenyl (SURRE)	11.252	11.252	5612416	32.95		ug/ml