

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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 1:44	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.08	mg/kg	FE051218.D
Aliphatic C12-C16	Aliphatic C12-C16	0.56	J	1	0.26	0.72	mg/kg	FE051218.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.32	1.08	mg/kg	FE051218.D
Aliphatic C21-C28	Aliphatic C21-C28	0.86	U	1	0.86	1.44	mg/kg	FE051218.D
Aliphatic C28-C40	Aliphatic C28-C40	7.69		1	1.94	2.16	mg/kg	FE051218.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.72	mg/kg	FF015018.D
Aromatic C12-C16	Aromatic C12-C16	2.11		1	0.37	1.08	mg/kg	FF015018.D
Aromatic C16-C21	Aromatic C16-C21	2.12		1	1.04	1.80	mg/kg	FF015018.D
Aromatic C21-C36	Aromatic C21-C36	2.58	J	1	2.16	2.88	mg/kg	FF015018.D
Total AliphaticEPH	Total AliphaticEPH	8.72			3.80	6.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.81			3.89	6.48	mg/kg	
Total EPH	Total EPH	15.5			7.69	13.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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FE051218.D	1	11/13/24	11/14/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.86	U	0.86	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.69		1.94	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-05	Acq On:	14 Nov 2024 01:44
Client Sample ID:	SOIL-3	Operator:	YP\AJ
Data file:	FE051218.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	421102	3.01	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1092301	7.767	200	ug/ml
Aliphatic C16-C21	10.188	13.546	909053	6.598	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1037219	7.743	400	ug/ml
Aliphatic C28-C40	17.201	22.043	13755270	106.838	600	ug/ml
Aliphatic EPH	3.138	22.043	17214945	131.957		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	4822095	42.47		ug/ml
Aliphatic C9-C28	3.138	17.200	3459675	25.118	1200	ug/ml