

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

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 3:14	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.14	mg/kg	FE051221.D
Aliphatic C12-C16	Aliphatic C12-C16	0.53	J	1	0.27	0.76	mg/kg	FE051221.D
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	1	0.34	1.14	mg/kg	FE051221.D
Aliphatic C21-C28	Aliphatic C21-C28	0.91	U	1	0.91	1.52	mg/kg	FE051221.D
Aliphatic C28-C40	Aliphatic C28-C40	9.01		1	2.05	2.28	mg/kg	FE051221.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.76	mg/kg	FF015012.D
Aromatic C12-C16	Aromatic C12-C16	0.39	U	1	0.39	1.14	mg/kg	FF015012.D
Aromatic C16-C21	Aromatic C16-C21	2.38		1	1.09	1.90	mg/kg	FF015012.D
Aromatic C21-C36	Aromatic C21-C36	3.35		1	2.28	3.04	mg/kg	FF015012.D
Total AliphaticEPH	Total AliphaticEPH	10.0			4.01	6.84	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.73	J		4.10	6.84	mg/kg	
Total EPH	Total EPH	15.7			8.11	13.7	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051221.D	1	11/13/24	11/14/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	0.91	U	0.91	1.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.01		2.05	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.6		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-11	Acq On:	14 Nov 2024 03:14
Client Sample ID:	SOIL-6	Operator:	YP\AJ
Data file:	FE051221.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	402252	2.875	300	ug/ml
Aliphatic C12-C16	6.756	10.187	976310	6.942	200	ug/ml
Aliphatic C16-C21	10.188	13.546	856563	6.217	300	ug/ml
Aliphatic C21-C28	13.547	17.200	919929	6.868	400	ug/ml
Aliphatic C28-C40	17.201	22.043	15276947	118.657	600	ug/ml
Aliphatic EPH	3.138	22.043	18432001	141.56		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	3361079	29.6		ug/ml
Aliphatic C9-C28	3.138	17.200	3155054	22.902	1200	ug/ml