

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-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.9
Sample Wt/Vol:	30.05 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 2:44	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	1.12	mg/kg	FE051220.D
Aliphatic C12-C16	Aliphatic C12-C16	0.54	J	1	0.27	0.75	mg/kg	FE051220.D
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	1	0.34	1.12	mg/kg	FE051220.D
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	1	0.90	1.50	mg/kg	FE051220.D
Aliphatic C28-C40	Aliphatic C28-C40	9.66		1	2.02	2.25	mg/kg	FE051220.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FF015020.D
Aromatic C12-C16	Aromatic C12-C16	6.17		1	0.38	1.12	mg/kg	FF015020.D
Aromatic C16-C21	Aromatic C16-C21	6.10		1	1.08	1.87	mg/kg	FF015020.D
Aromatic C21-C36	Aromatic C21-C36	2.32	J	1	2.25	2.99	mg/kg	FF015020.D
Total AliphaticEPH	Total AliphaticEPH	10.7			3.95	6.74	mg/kg	
Total AromaticEPH	Total AromaticEPH	14.6			4.05	6.73	mg/kg	
Total EPH	Total EPH	25.3			8.00	13.5	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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FE051220.D	1	11/13/24	11/14/24	PB164943

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Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.66		2.02	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-09	Acq On:	14 Nov 2024 02:44
Client Sample ID:	SOIL-5	Operator:	YP\AJ
Data file:	FE051220.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	408234	2.918	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1010694	7.187	200	ug/ml
Aliphatic C16-C21	10.188	13.546	900447	6.536	300	ug/ml
Aliphatic C21-C28	13.547	17.200	967484	7.223	400	ug/ml
Aliphatic C28-C40	17.201	22.043	16607250	128.99	600	ug/ml
Aliphatic EPH	3.138	22.043	19894109	152.853		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	5946625	52.38		ug/ml
Aliphatic C9-C28	3.138	17.200	3286859	23.864	1200	ug/ml