

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	
Project:	BAPS North Bergen	Date Received:	
Client Sample ID:	PB164943BSD	SDG No.:	P4822
Lab Sample ID:	PB164943BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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	11/13/24 17:15	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.59		1	0.38	1.00	mg/kg FC067737.D
Aliphatic C12-C16	Aliphatic C12-C16	5.33		1	0.24	0.67	mg/kg FC067737.D
Aliphatic C16-C21	Aliphatic C16-C21	9.21		1	0.30	1.00	mg/kg FC067737.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5		1	0.80	1.33	mg/kg FC067737.D
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1	1.80	2.00	mg/kg FC067737.D
Aromatic C10-C12	Aromatic C10-C12	4.65		1	0.30	0.67	mg/kg FD048718.D
Aromatic C12-C16	Aromatic C12-C16	8.33		1	0.34	1.00	mg/kg FD048718.D
Aromatic C16-C21	Aromatic C16-C21	17.0		1	0.96	1.67	mg/kg FD048718.D
Aromatic C21-C36	Aromatic C21-C36	26.3		1	2.00	2.66	mg/kg FD048718.D
Total AliphaticEPH	Total AliphaticEPH	54.0			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	56.3			3.60	6.00	mg/kg
Total EPH	Total EPH	110			7.12	12.0	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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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067737.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.59		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.33		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.21		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.5		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164943BSD	Acq On:	13 Nov 2024 17:15
Client Sample ID:	PB164943BSD	Operator:	YP/AJ
Data file:	FC067737.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	11372955	83.952	300	ug/ml
Aliphatic C12-C16	6.448	9.836	10544774	80.078	200	ug/ml
Aliphatic C16-C21	9.837	13.192	17580324	138.172	300	ug/ml
Aliphatic C21-C28	13.193	16.845	22511414	187.454	400	ug/ml
Aliphatic C28-C40	16.846	21.681	32420259	320.697	600	ug/ml
Aliphatic EPH	3.169	21.681	94429726	810.352		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.926	12.926	4855338	44.96		ug/ml
Aliphatic C9-C28	3.169	16.845	62009467	489.656	1200	ug/ml