

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	
Project:	BAPS North Bergen	Date Received:	
Client Sample ID:	PB164943BS	SDG No.:	P4822
Lab Sample ID:	PB164943BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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 16:39	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.33		1	0.38	1.00	mg/kg FC067736.D
Aliphatic C12-C16	Aliphatic C12-C16	5.11		1	0.24	0.67	mg/kg FC067736.D
Aliphatic C16-C21	Aliphatic C16-C21	8.83		1	0.30	1.00	mg/kg FC067736.D
Aliphatic C21-C28	Aliphatic C21-C28	12.0		1	0.80	1.33	mg/kg FC067736.D
Aliphatic C28-C40	Aliphatic C28-C40	20.5		1	1.80	2.00	mg/kg FC067736.D
Aromatic C10-C12	Aromatic C10-C12	4.64		1	0.30	0.67	mg/kg FD048717.D
Aromatic C12-C16	Aromatic C12-C16	8.32		1	0.34	1.00	mg/kg FD048717.D
Aromatic C16-C21	Aromatic C16-C21	16.9		1	0.96	1.67	mg/kg FD048717.D
Aromatic C21-C36	Aromatic C21-C36	26.2		1	2.00	2.67	mg/kg FD048717.D
Total AliphaticEPH	Total AliphaticEPH	51.8			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	56.1			3.60	6.01	mg/kg
Total EPH	Total EPH	108			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
FC067736.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	5.33		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.11		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.83		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.0		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.5		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.9		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164943BS	Acq On:	13 Nov 2024 16:39
Client Sample ID:	PB164943BS	Operator:	YP/AJ
Data file:	FC067736.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	10843046	80.04	300	ug/ml
Aliphatic C12-C16	6.448	9.836	10096874	76.676	200	ug/ml
Aliphatic C16-C21	9.837	13.192	16854201	132.465	300	ug/ml
Aliphatic C21-C28	13.193	16.845	21533821	179.313	400	ug/ml
Aliphatic C28-C40	16.846	21.681	31043106	307.074	600	ug/ml
Aliphatic EPH	3.169	21.681	90371048	775.569		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.926	12.926	4307506	39.89		ug/ml
Aliphatic C9-C28	3.169	16.845	59327942	468.494	1200	ug/ml