

Report of Analysis

Client:	BAPS North Bergen		Date Collected:		
Project:	BAPS North Bergen		Date Received:		
Client Sample ID:	B-6-3MS		SDG No.:	P4822	
Lab Sample ID:	P4768-07MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.4	
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 19:04	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.83		1	0.40	1.05	mg/kg FC067740.D
Aliphatic C12-C16	Aliphatic C12-C16	7.46		1	0.25	0.70	mg/kg FC067740.D
Aliphatic C16-C21	Aliphatic C16-C21	11.7		1	0.31	1.05	mg/kg FC067740.D
Aliphatic C21-C28	Aliphatic C21-C28	15.8		1	0.84	1.40	mg/kg FC067740.D
Aliphatic C28-C40	Aliphatic C28-C40	36.3		1	1.89	2.10	mg/kg FC067740.D
Aromatic C10-C12	Aromatic C10-C12	5.58		1	0.31	0.70	mg/kg FD048721.D
Aromatic C12-C16	Aromatic C12-C16	10.3		1	0.36	1.05	mg/kg FD048721.D
Aromatic C16-C21	Aromatic C16-C21	28.3		1	1.01	1.75	mg/kg FD048721.D
Aromatic C21-C36	Aromatic C21-C36	43.5		1	2.10	2.79	mg/kg FD048721.D
Total AliphaticEPH	Total AliphaticEPH	79.1			3.69	6.30	mg/kg
Total AromaticEPH	Total AromaticEPH	87.7			3.78	6.29	mg/kg
Total EPH	Total EPH	167			7.47	12.6	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
FC067740.D	1	11/13/24	11/13/24	PB164943

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Aliphatic C12-C16	Aliphatic C12-C16	7.46		0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.7		0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.8		0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.3		1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.7		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-07MS	Acq On:	13 Nov 2024 19:04
Client Sample ID:	B-6-3MS	Operator:	YP/AJ
Data file:	FC067740.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	15179956	112.054	300	ug/ml
Aliphatic C12-C16	6.448	9.836	14063205	106.797	200	ug/ml
Aliphatic C16-C21	9.837	13.192	21297462	167.387	300	ug/ml
Aliphatic C21-C28	13.193	16.845	27104137	225.698	400	ug/ml
Aliphatic C28-C40	16.846	21.681	52539511	519.714	600	ug/ml
Aliphatic EPH	3.169	21.681	130184271	1130		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.926	12.926	4391882	40.67		ug/ml
Aliphatic C9-C28	3.169	16.845	77644760	611.936	1200	ug/ml