

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB164996BSD		SDG No.:	P4839	
Lab Sample ID:	PB164996BSD		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
11/14/24 14:15	11/15/24 13:22	PB164996

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 FC067773.D
Aliphatic C12-C16	Aliphatic C12-C16	5.16		1	0.24	0.67	mg/kg FC067773.D
Aliphatic C16-C21	Aliphatic C16-C21	9.20		1	0.30	1.00	mg/kg FC067773.D
Aliphatic C21-C28	Aliphatic C21-C28	12.3		1	0.80	1.33	mg/kg FC067773.D
Aliphatic C28-C40	Aliphatic C28-C40	21.7		1	1.80	2.00	mg/kg FC067773.D
Aromatic C10-C12	Aromatic C10-C12	4.35		1	0.30	0.67	mg/kg FD048742.D
Aromatic C12-C16	Aromatic C12-C16	8.03		1	0.34	1.00	mg/kg FD048742.D
Aromatic C16-C21	Aromatic C16-C21	16.2		1	0.96	1.67	mg/kg FD048742.D
Aromatic C21-C36	Aromatic C21-C36	27.9		1	2.00	2.66	mg/kg FD048742.D
Total AliphaticEPH	Total AliphaticEPH	53.7			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	56.5			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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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067773.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C21-C28	Aliphatic C21-C28	12.3		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.7		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164996BSD	Acq On:	15 Nov 2024 13:22
Client Sample ID:	PB164996BSD	Operator:	YP/AJ
Data file:	FC067773.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	118443456	806.298		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	5577820	38.43		ug/ml
Aliphatic C9-C12	3.172	6.448	13275194	80.072	300	ug/ml
Aliphatic C12-C16	6.449	9.838	13201648	77.482	200	ug/ml
Aliphatic C16-C21	9.839	13.196	23412071	138.025	300	ug/ml
Aliphatic C21-C28	13.197	16.850	29137561	185.259	400	ug/ml
Aliphatic C28-C40	16.851	21.693	39416982	325.461	600	ug/ml
Aliphatic C9-C28	3.172	16.850	79026474	480.838	1200	ug/ml