

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB165286BS		SDG No.:	P5002	
Lab Sample ID:	PB165286BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/26/24 10:25	11/27/24 8:42	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.54		1	0.38	1.00	mg/kg	FC067872.D
Aliphatic C12-C16	Aliphatic C12-C16	4.73		1	0.24	0.67	mg/kg	FC067872.D
Aliphatic C16-C21	Aliphatic C16-C21	8.31		1	0.30	1.00	mg/kg	FC067872.D
Aliphatic C21-C28	Aliphatic C21-C28	11.0		1	0.80	1.33	mg/kg	FC067872.D
Aliphatic C28-C40	Aliphatic C28-C40	18.2		1	1.80	2.00	mg/kg	FC067872.D
Aromatic C10-C12	Aromatic C10-C12	4.02		1	0.30	0.67	mg/kg	FD048823.D
Aromatic C12-C16	Aromatic C12-C16	8.25		1	0.34	1.00	mg/kg	FD048823.D
Aromatic C16-C21	Aromatic C16-C21	17.4		1	0.96	1.67	mg/kg	FD048823.D
Aromatic C21-C36	Aromatic C21-C36	28.6		1	2.00	2.66	mg/kg	FD048823.D
Total AliphaticEPH	Total AliphaticEPH	46.8			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.3			3.60	6.00	mg/kg	
Total EPH	Total EPH	105			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
FC067872.D	1	11/26/24	11/27/24	PB165286

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.54		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.73		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.31		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.0		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB165286BS	Acq On:	27 Nov 2024 08:42
Client Sample ID:	PB165286BS	Operator:	YP/AJ
Data file:	FC067872.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	3.186	6.461	11305248	68.19	300	ug/ml
Aliphatic C12-C16	6.462	9.849	12105528	71.048	200	ug/ml
Aliphatic C16-C21	9.850	13.205	21160238	124.75	300	ug/ml
Aliphatic C21-C28	13.206	16.857	26044779	165.595	400	ug/ml
Aliphatic C28-C40	16.858	21.700	33102959	273.327	600	ug/ml
Aliphatic EPH	3.186	21.700	103718752	702.909		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	4541258	31.28		ug/ml
Aliphatic C9-C28	3.186	16.857	70615793	429.583	1200	ug/ml