

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB165427BS		SDG No.:	P5147	
Lab Sample ID:	PB165427BS		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
12/06/24 09:50	12/06/24 16:51	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	4.99		1	0.38	1.00	mg/kg FC067929.D
Aliphatic C12-C16	Aliphatic C12-C16	4.72		1	0.24	0.67	mg/kg FC067929.D
Aliphatic C16-C21	Aliphatic C16-C21	7.45		1	0.30	1.00	mg/kg FC067929.D
Aliphatic C21-C28	Aliphatic C21-C28	9.88		1	0.80	1.33	mg/kg FC067929.D
Aliphatic C28-C40	Aliphatic C28-C40	17.2		1	1.80	2.00	mg/kg FC067929.D
Aromatic C10-C12	Aromatic C10-C12	4.67		1	0.30	0.67	mg/kg FD048837.D
Aromatic C12-C16	Aromatic C12-C16	8.47		1	0.34	1.00	mg/kg FD048837.D
Aromatic C16-C21	Aromatic C16-C21	16.5		1	0.96	1.67	mg/kg FD048837.D
Aromatic C21-C36	Aromatic C21-C36	25.2		1	2.00	2.67	mg/kg FD048837.D
Total AliphaticEPH	Total AliphaticEPH	44.2			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	54.8			3.60	6.01	mg/kg
Total EPH	Total EPH	99.1			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
FC067929.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.99		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.72		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.45		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.88		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB165427BS	Acq On:	06 Dec 2024 16:51
Client Sample ID:	PB165427BS	Operator:	YP/AJ
Data file:	FC067929.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	3.154	6.430	12417455	74.898	300	ug/ml
Aliphatic C12-C16	6.431	9.821	12068869	70.833	200	ug/ml
Aliphatic C16-C21	9.822	13.180	18963254	111.797	300	ug/ml
Aliphatic C21-C28	13.181	16.835	23326070	148.309	400	ug/ml
Aliphatic C28-C40	16.836	21.671	31345334	258.814	600	ug/ml
Aliphatic EPH	3.154	21.671	98120982	664.652		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.912	12.912	4332711	29.85		ug/ml
Aliphatic C9-C28	3.154	16.835	66775648	405.837	1200	ug/ml