

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB165286BSD		SDG No.:	P5002	
Lab Sample ID:	PB165286BSD		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
11/26/24 10:25	11/27/24 9:18	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	4.55		1	0.38	1.00	mg/kg FC067873.D
Aliphatic C12-C16	Aliphatic C12-C16	4.73		1	0.24	0.67	mg/kg FC067873.D
Aliphatic C16-C21	Aliphatic C16-C21	8.38		1	0.30	1.00	mg/kg FC067873.D
Aliphatic C21-C28	Aliphatic C21-C28	11.2		1	0.80	1.33	mg/kg FC067873.D
Aliphatic C28-C40	Aliphatic C28-C40	18.6		1	1.80	2.00	mg/kg FC067873.D
Aromatic C10-C12	Aromatic C10-C12	4.04		1	0.30	0.67	mg/kg FD048824.D
Aromatic C12-C16	Aromatic C12-C16	8.28		1	0.34	1.00	mg/kg FD048824.D
Aromatic C16-C21	Aromatic C16-C21	17.4		1	0.96	1.67	mg/kg FD048824.D
Aromatic C21-C36	Aromatic C21-C36	28.7		1	2.00	2.67	mg/kg FD048824.D
Total AliphaticEPH	Total AliphaticEPH	47.5			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	58.4			3.60	6.01	mg/kg
Total EPH	Total EPH	106			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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Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067873.D	1	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.55		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	8.38		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.2		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.6		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.5		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB165286BSD	Acq On:	27 Nov 2024 09:18
Client Sample ID:	PB165286BSD	Operator:	YP/AJ
Data file:	FC067873.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.186	6.461	11314639	68.246	300	ug/ml
Aliphatic C12-C16	6.462	9.849	12096489	70.995	200	ug/ml
Aliphatic C16-C21	9.850	13.205	21317377	125.676	300	ug/ml
Aliphatic C21-C28	13.206	16.857	26452082	168.185	400	ug/ml
Aliphatic C28-C40	16.858	21.700	33711701	278.353	600	ug/ml
Aliphatic EPH	3.186	21.700	104892288	711.455		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	4856284	33.45		ug/ml
Aliphatic C9-C28	3.186	16.857	71180587	433.102	1200	ug/ml