

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB163524BSD		SDG No.:	P4103	
Lab Sample ID:	PB163524BSD		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
09/19/24 12:25	09/19/24 21:53	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.15		1	0.38	1.00	mg/kg FC067181.D
Aliphatic C12-C16	Aliphatic C12-C16	5.41		1	0.24	0.67	mg/kg FC067181.D
Aliphatic C16-C21	Aliphatic C16-C21	9.65		1	0.30	1.00	mg/kg FC067181.D
Aliphatic C21-C28	Aliphatic C21-C28	13.4		1	0.80	1.33	mg/kg FC067181.D
Aliphatic C28-C40	Aliphatic C28-C40	23.0		1	1.80	2.00	mg/kg FC067181.D
Aromatic C10-C12	Aromatic C10-C12	5.51		1	0.30	0.67	mg/kg FD048336.D
Aromatic C12-C16	Aromatic C12-C16	9.17		1	0.34	1.00	mg/kg FD048336.D
Aromatic C16-C21	Aromatic C16-C21	20.9		1	0.96	1.67	mg/kg FD048336.D
Aromatic C21-C36	Aromatic C21-C36	27.5		1	2.00	2.66	mg/kg FD048336.D
Total AliphaticEPH	Total AliphaticEPH	57.6			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	63.1			3.60	6.00	mg/kg
Total EPH	Total EPH	121			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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Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067181.D	1	09/19/24	09/19/24	PB163524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.15		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.41		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.65		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.4		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.0		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB163524BSD	Acq On:	19 Sep 2024 21:53
Client Sample ID:	PB163524BSD	Operator:	YP/AJ
Data file:	FC067181.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.177	6.459	12332581	92.307	300	ug/ml
Aliphatic C12-C16	6.460	9.852	10465903	81.193	200	ug/ml
Aliphatic C16-C21	9.853	13.212	17626140	144.932	300	ug/ml
Aliphatic C21-C28	13.213	16.869	22468722	200.672	400	ug/ml
Aliphatic C28-C40	16.870	21.722	30453808	345.042	600	ug/ml
Aliphatic EPH	3.177	21.722	93347154	864.147		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.944	12.944	3433434	35.15		ug/ml
Aliphatic C9-C28	3.177	16.869	62893346	519.104	1200	ug/ml