

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	PB164996BS		SDG No.:	P4839	
Lab Sample ID:	PB164996BS		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 12:45	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	4.80		1	0.38	1.00	mg/kg FC067772.D
Aliphatic C12-C16	Aliphatic C12-C16	4.74		1	0.24	0.67	mg/kg FC067772.D
Aliphatic C16-C21	Aliphatic C16-C21	7.88		1	0.30	1.00	mg/kg FC067772.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.80	1.33	mg/kg FC067772.D
Aliphatic C28-C40	Aliphatic C28-C40	18.0		1	1.80	2.00	mg/kg FC067772.D
Aromatic C10-C12	Aromatic C10-C12	4.54		1	0.30	0.67	mg/kg FD048741.D
Aromatic C12-C16	Aromatic C12-C16	8.71		1	0.34	1.00	mg/kg FD048741.D
Aromatic C16-C21	Aromatic C16-C21	17.6		1	0.96	1.67	mg/kg FD048741.D
Aromatic C21-C36	Aromatic C21-C36	30.5		1	2.00	2.66	mg/kg FD048741.D
Total AliphaticEPH	Total AliphaticEPH	46.0			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	61.4			3.60	6.00	mg/kg
Total EPH	Total EPH	107			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
FC067772.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C21-C28	Aliphatic C21-C28	10.6		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.0		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.7		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164996BS	Acq On:	15 Nov 2024 12:45
Client Sample ID:	PB164996BS	Operator:	YP/AJ
Data file:	FC067772.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	101931535	691.075		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	5039794	34.72		ug/ml
Aliphatic C9-C12	3.172	6.448	11949325	72.074	300	ug/ml
Aliphatic C12-C16	6.449	9.838	12123440	71.153	200	ug/ml
Aliphatic C16-C21	9.839	13.196	20052197	118.217	300	ug/ml
Aliphatic C21-C28	13.197	16.850	25106165	159.627	400	ug/ml
Aliphatic C28-C40	16.851	21.693	32700408	270.003	600	ug/ml
Aliphatic C9-C28	3.172	16.850	69231127	421.071	1200	ug/ml