

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-23		SDG No.:	P4103	
Lab Sample ID:	P4103-16		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86	
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 22:31	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	20.0		1	0.44	1.16	mg/kg	FC067182.D
Aliphatic C12-C16	Aliphatic C12-C16	41.5		5	1.39	3.87	mg/kg	FC067197.D
Aliphatic C16-C21	Aliphatic C16-C21	10.4		1	0.35	1.16	mg/kg	FC067182.D
Aliphatic C21-C28	Aliphatic C21-C28	1.36	J	1	0.93	1.55	mg/kg	FC067182.D
Aliphatic C28-C40	Aliphatic C28-C40	6.46		1	2.09	2.32	mg/kg	FC067182.D
Aromatic C10-C12	Aromatic C10-C12	6.32		1	0.35	0.77	mg/kg	FD048337.D
Aromatic C12-C16	Aromatic C12-C16	13.4		1	0.40	1.16	mg/kg	FD048337.D
Aromatic C16-C21	Aromatic C16-C21	10.5		1	1.12	1.94	mg/kg	FD048337.D
Aromatic C21-C36	Aromatic C21-C36	2.82	J	1	2.32	3.10	mg/kg	FD048337.D
Total AliphaticEPH	Total AliphaticEPH	79.7			5.20	10.1	mg/kg	
Total AromaticEPH	Total AromaticEPH	33.0			4.18	6.97	mg/kg	
Total EPH	Total EPH	113			9.38	17.0	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:	86
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067182.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	20.0		0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	44.0	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.4		0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.36	J	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.46		2.09	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-16	Acq On:	19 Sep 2024 22:31
Client Sample ID:	WC-23	Operator:	YP/AJ
Data file:	FC067182.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.177	6.459	34565628	258.718	300	ug/ml
Aliphatic C12-C16	6.460	9.852	73206371	567.928	200	ug/ml
Aliphatic C16-C21	9.853	13.212	16288124	133.93	300	ug/ml
Aliphatic C21-C28	13.213	16.869	1961506	17.519	400	ug/ml
Aliphatic C28-C40	16.870	21.722	7367411	83.473	600	ug/ml
Aliphatic EPH	3.177	21.722	133389040	1060		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.945	12.945	3772622	38.62		ug/ml
Aliphatic C9-C28	3.177	16.869	126021629	978.095	1200	ug/ml