

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-14-7.5-10B		SDG No.:	P4103	
Lab Sample ID:	P4103-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.1	
Sample Wt/Vol:	30.05	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 23:11	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.10	J	1	0.43	1.13	mg/kg	FE050221.D
Aliphatic C12-C16	Aliphatic C12-C16	9.66		1	0.27	0.76	mg/kg	FE050221.D
Aliphatic C16-C21	Aliphatic C16-C21	11.6		1	0.34	1.13	mg/kg	FE050221.D
Aliphatic C21-C28	Aliphatic C21-C28	1.29	J	1	0.91	1.51	mg/kg	FE050221.D
Aliphatic C28-C40	Aliphatic C28-C40	17.3		1	2.04	2.27	mg/kg	FE050221.D
Aromatic C10-C12	Aromatic C10-C12	0.38	J	1	0.34	0.76	mg/kg	FG014285.D
Aromatic C12-C16	Aromatic C12-C16	2.84		1	0.39	1.13	mg/kg	FG014285.D
Aromatic C16-C21	Aromatic C16-C21	12.0		1	1.09	1.89	mg/kg	FG014285.D
Aromatic C21-C36	Aromatic C21-C36	2.27	U	1	2.27	3.02	mg/kg	FG014285.D
Total AliphaticEPH	Total AliphaticEPH	41.0			3.99	6.80	mg/kg	
Total AromaticEPH	Total AromaticEPH	15.2			4.08	6.80	mg/kg	
Total EPH	Total EPH	56.2			8.07	13.6	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
FE050221.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	1.10	J	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.66		0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.6		0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.29	J	0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.3		2.04	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.8		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-13	Acq On:	19 Sep 2024 23:11
Client Sample ID:	WC-14-7.5-10B	Operator:	YP\AJ
Data file:	FE050221.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.159	6.778	1998174	14.555	300	ug/ml
Aliphatic C12-C16	6.779	10.211	17588361	127.881	200	ug/ml
Aliphatic C16-C21	10.212	13.571	20849021	154.192	300	ug/ml
Aliphatic C21-C28	13.572	17.227	2214312	17.114	400	ug/ml
Aliphatic C28-C40	17.228	22.082	27548468	229.385	600	ug/ml
Aliphatic EPH	3.159	22.082	70198336	543.127		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.304	13.304	2900766	25.82		ug/ml
Aliphatic C9-C28	3.159	17.227	42649868	313.742	1200	ug/ml