

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5B	SDG No.:	P4103
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
09/19/24 12:25	09/19/24 22:10	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	10.7		1	0.42	1.11	mg/kg FE050219.D
Aliphatic C12-C16	Aliphatic C12-C16	59.5		5	1.33	3.69	mg/kg FE050238.D
Aliphatic C16-C21	Aliphatic C16-C21	48.8		5	1.66	5.54	mg/kg FE050238.D
Aliphatic C21-C28	Aliphatic C21-C28	4.96		1	0.89	1.48	mg/kg FE050219.D
Aliphatic C28-C40	Aliphatic C28-C40	17.1		1	1.99	2.22	mg/kg FE050219.D
Aromatic C10-C12	Aromatic C10-C12	2.17		1	0.33	0.74	mg/kg FG014283.D
Aromatic C12-C16	Aromatic C12-C16	21.1		1	0.38	1.11	mg/kg FG014283.D
Aromatic C16-C21	Aromatic C16-C21	53.5		5	5.32	9.23	mg/kg FG014302.D
Aromatic C21-C36	Aromatic C21-C36	6.32		1	2.22	2.95	mg/kg FG014283.D
Total AliphaticEPH	Total AliphaticEPH	141			6.29	14.0	mg/kg
Total AromaticEPH	Total AromaticEPH	83.1			8.25	14.0	mg/kg
Total EPH	Total EPH	224			14.5	28.1	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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Lab Sample ID:	P4103-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050219.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	10.7		0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	54.9	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	49.3	E	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	4.96		0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.1		1.99	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.1		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-07	Acq On:	19 Sep 2024 22:10
Client Sample ID:	WC-14-5-7.5B	Operator:	YP\AJ
Data file:	FE050219.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.159	6.778	19805031	144.267	300	ug/ml
Aliphatic C12-C16	6.779	10.211	102198180	743.058	200	ug/ml
Aliphatic C16-C21	10.212	13.571	90218010	667.221	300	ug/ml
Aliphatic C21-C28	13.572	17.227	8685379	67.126	400	ug/ml
Aliphatic C28-C40	17.228	22.082	27794812	231.436	600	ug/ml
Aliphatic EPH	3.159	22.082	248701412	1850		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.306	13.306	3041020	27.07		ug/ml
Aliphatic C9-C28	3.159	17.227	220906600	1620	1200	ug/ml