

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5A	SDG No.:	P4103
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.8
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
09/19/24 12:25	09/19/24 21:40	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	11.6		1	0.42	1.11	mg/kg FE050218.D
Aliphatic C12-C16	Aliphatic C12-C16	52.3		5	1.34	3.71	mg/kg FE050237.D
Aliphatic C16-C21	Aliphatic C16-C21	48.4		5	1.67	5.56	mg/kg FE050237.D
Aliphatic C21-C28	Aliphatic C21-C28	5.03		1	0.89	1.48	mg/kg FE050218.D
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1	2.00	2.23	mg/kg FE050218.D
Aromatic C10-C12	Aromatic C10-C12	3.45		1	0.33	0.74	mg/kg FG014282.D
Aromatic C12-C16	Aromatic C12-C16	27.3		2	0.76	2.23	mg/kg FG014300.D
Aromatic C16-C21	Aromatic C16-C21	59.8		2	2.14	3.71	mg/kg FG014300.D
Aromatic C21-C36	Aromatic C21-C36	7.78		1	2.23	2.97	mg/kg FG014282.D
Total AliphaticEPH	Total AliphaticEPH	136			6.32	14.1	mg/kg
Total AromaticEPH	Total AromaticEPH	98.3			5.46	9.65	mg/kg
Total EPH	Total EPH	235			11.8	23.7	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
FE050218.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	11.6		0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	51.3	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	47.6	E	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	5.03		0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.0		2.00	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.8		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-04	Acq On:	19 Sep 2024 21:40
Client Sample ID:	WC-14-5-7.5A	Operator:	YP\AJ
Data file:	FE050218.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.159	6.778	21466808	156.372	300	ug/ml
Aliphatic C12-C16	6.779	10.211	95020770	690.873	200	ug/ml
Aliphatic C16-C21	10.212	13.571	86776171	641.767	300	ug/ml
Aliphatic C21-C28	13.572	17.227	8781021	67.865	400	ug/ml
Aliphatic C28-C40	17.228	22.082	30790157	256.377	600	ug/ml
Aliphatic EPH	3.159	22.082	242834927	1810		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.306	13.306	3678752	32.75		ug/ml
Aliphatic C9-C28	3.159	17.227	212044770	1560	1200	ug/ml