

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-22A		SDG No.:	P4103	
Lab Sample ID:	P4103-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.7	
Sample Wt/Vol:	30.04	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	09/20/24 9:14	PB163524

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	110		10	4.09	10.8	mg/kg FE050235.D
Aliphatic C12-C16	Aliphatic C12-C16	397		50	12.9	35.9	mg/kg FE050236.D
Aliphatic C16-C21	Aliphatic C16-C21	74.4		10	3.23	10.8	mg/kg FE050235.D
Aliphatic C21-C28	Aliphatic C21-C28	7.76		1	0.86	1.44	mg/kg FE050217.D
Aliphatic C28-C40	Aliphatic C28-C40	13.6		1	1.94	2.15	mg/kg FE050217.D
Aromatic C10-C12	Aromatic C10-C12	9.13		1	0.32	0.72	mg/kg FG014281.D
Aromatic C12-C16	Aromatic C12-C16	86.7		5	1.83	5.39	mg/kg FG014299.D
Aromatic C16-C21	Aromatic C16-C21	67.5		5	5.17	8.98	mg/kg FG014299.D
Aromatic C21-C36	Aromatic C21-C36	6.52		1	2.15	2.87	mg/kg FG014281.D
Total AliphaticEPH	Total AliphaticEPH	603			23.0	61.1	mg/kg
Total AromaticEPH	Total AromaticEPH	170			9.47	18.0	mg/kg
Total EPH	Total EPH	773			32.5	79.0	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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Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050217.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	94.6	E	0.41	1.08	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	349	E	0.26	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	62.5	E	0.32	1.08	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.76		0.86	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.6		1.94	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.1		40 - 140	46%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-01	Acq On:	19 Sep 2024 21:10
Client Sample ID:	WC-22A	Operator:	YP\AJ
Data file:	FE050217.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.159	6.778	180892880	1320	300	ug/ml
Aliphatic C12-C16	6.779	10.211	668632438	4860	200	ug/ml
Aliphatic C16-C21	10.212	13.571	117638788	870.016	300	ug/ml
Aliphatic C21-C28	13.572	17.227	13977458	108.027	400	ug/ml
Aliphatic C28-C40	17.228	22.082	22745895	189.396	600	ug/ml
Aliphatic EPH	3.159	22.082	1003887459	7350		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.306	13.306	2599211	23.14		ug/ml
Aliphatic C9-C28	3.159	17.227	981141564	7160	1200	ug/ml