

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
10/30/24 08:20	10/31/24 15:33	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	170		50	23.4	61.5	mg/kg FE050944.D
Aliphatic C12-C16	Aliphatic C12-C16	516		50	14.7	41.0	mg/kg FE050944.D
Aliphatic C16-C21	Aliphatic C16-C21	285		50	18.4	61.5	mg/kg FE050944.D
Aliphatic C21-C28	Aliphatic C21-C28	16.2		1	0.98	1.64	mg/kg FE050922.D
Aliphatic C28-C40	Aliphatic C28-C40	5.89		1	2.21	2.46	mg/kg FE050922.D
Aromatic C10-C12	Aromatic C10-C12	39.6		5	1.84	4.10	mg/kg FG014598.D
Aromatic C12-C16	Aromatic C12-C16	242		20	8.36	24.6	mg/kg FG014599.D
Aromatic C16-C21	Aromatic C16-C21	431		20	23.6	41.0	mg/kg FG014599.D
Aromatic C21-C36	Aromatic C21-C36	18.1		1	2.46	3.28	mg/kg FG014577.D
Total AliphaticEPH	Total AliphaticEPH	993			59.7	168	mg/kg
Total AromaticEPH	Total AromaticEPH	731			36.3	73.0	mg/kg
Total EPH	Total EPH	1720			96.0	241	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:	P4599-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.2	
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
FE050922.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	410	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	233	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.2		0.98	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.89		2.21	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.8		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:	P4599-01	Acq On:	31 Oct 2024 04:00
Client Sample ID:	EX-1-TPH-1	Operator:	YP\AJ
Data file:	FE050922.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	256367871	1790	300	ug/ml
Aliphatic C12-C16	6.763	10.194	726857867	5010	200	ug/ml
Aliphatic C16-C21	10.195	13.554	411853746	2850	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28025467	197.147	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9943133	71.894	600	ug/ml
Aliphatic EPH	3.144	22.057	1433048084	9920		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	2692972	22.77		ug/ml
Aliphatic C9-C28	3.144	17.208	1423104951	9850	1200	ug/ml