

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 22:09	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	128		10	4.15	10.9	mg/kg FE051132.D
Aliphatic C12-C16	Aliphatic C12-C16	714		50	13.1	36.4	mg/kg FE051144.D
Aliphatic C16-C21	Aliphatic C16-C21	720		50	16.4	54.6	mg/kg FE051144.D
Aliphatic C21-C28	Aliphatic C21-C28	108		10	8.73	14.5	mg/kg FE051132.D
Aliphatic C28-C40	Aliphatic C28-C40	203		10	19.6	21.8	mg/kg FE051132.D
Aromatic C10-C12	Aromatic C10-C12	71.8		10	3.27	7.27	mg/kg FF014985.D
Aromatic C12-C16	Aromatic C12-C16	388		50	18.5	54.6	mg/kg FF014996.D
Aromatic C16-C21	Aromatic C16-C21	1060		50	52.4	90.9	mg/kg FF014996.D
Aromatic C21-C36	Aromatic C21-C36	285		10	21.8	29.1	mg/kg FF014985.D
Total AliphaticEPH	Total AliphaticEPH	1870			62.0	138	mg/kg
Total AromaticEPH	Total AromaticEPH	1810			96.0	182	mg/kg
Total EPH	Total EPH	3680			158	320	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:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051132.D	10	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	128		4.15	10.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	669	E	2.62	7.27	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	631	E	3.27	10.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	108		8.73	14.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	203		19.6	21.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.88		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-05	Acq On:	08 Nov 2024 22:09
Client Sample ID:	EX-11-TPH-2	Operator:	YP\AJ
Data file:	FE051132.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	24780249	177.11	300	ug/ml
Aliphatic C12-C16	6.759	10.191	129375713	919.936	200	ug/ml
Aliphatic C16-C21	10.192	13.550	119614037	868.228	300	ug/ml
Aliphatic C21-C28	13.551	17.206	19985307	149.198	400	ug/ml
Aliphatic C28-C40	17.207	22.053	36095690	280.358	600	ug/ml
Aliphatic EPH	3.140	22.053	329850996	2390		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	440432	3.88		ug/ml
Aliphatic C9-C28	3.140	17.206	293755306	2110	1200	ug/ml