

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.04	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	11/11/24 11:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	153		10	4.57	12.0	mg/kg FC067690.D
Aliphatic C12-C16	Aliphatic C12-C16	441		50	14.4	40.1	mg/kg FC067691.D
Aliphatic C16-C21	Aliphatic C16-C21	87.6		10	3.61	12.0	mg/kg FC067690.D
Aliphatic C21-C28	Aliphatic C21-C28	9.02		1	0.96	1.60	mg/kg FC067681.D
Aliphatic C28-C40	Aliphatic C28-C40	6.15		1	2.17	2.41	mg/kg FC067681.D
Aromatic C10-C12	Aromatic C10-C12	15.7		1	0.36	0.80	mg/kg FD048682.D
Aromatic C12-C16	Aromatic C12-C16	100		10	4.09	12.0	mg/kg FD048692.D
Aromatic C16-C21	Aromatic C16-C21	114		10	11.6	20.1	mg/kg FD048692.D
Aromatic C21-C36	Aromatic C21-C36	11.0		1	2.41	3.21	mg/kg FD048682.D
Total AliphaticEPH	Total AliphaticEPH	697			25.7	68.1	mg/kg
Total AromaticEPH	Total AromaticEPH	241			18.5	36.1	mg/kg
Total EPH	Total EPH	937			44.2	104	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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Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067681.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	348	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	85.5	E	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.02		0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.15		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-02	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-2-TPH-2	Operator:	YP/AJ
Data file:	FC067681.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	246833241	1820	300	ug/ml
Aliphatic C12-C16	6.451	9.841	572173691	4350	200	ug/ml
Aliphatic C16-C21	9.842	13.199	135680553	1070	300	ug/ml
Aliphatic C21-C28	13.200	16.853	13501845	112.431	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7748833	76.65	600	ug/ml
Aliphatic EPH	3.171	21.698	975938163	7420		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	4044361	37.45		ug/ml
Aliphatic C9-C28	3.171	16.853	968189330	7350	1200	ug/ml