

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.4	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 20:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.96		1	0.48	1.26	mg/kg FE051128.D
Aliphatic C12-C16	Aliphatic C12-C16	23.4		2	0.60	1.68	mg/kg FE051141.D
Aliphatic C16-C21	Aliphatic C16-C21	21.6		1	0.38	1.26	mg/kg FE051128.D
Aliphatic C21-C28	Aliphatic C21-C28	3.03		1	1.01	1.68	mg/kg FE051128.D
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1	2.26	2.52	mg/kg FE051128.D
Aromatic C10-C12	Aromatic C10-C12	2.23		1	0.38	0.84	mg/kg FD048690.D
Aromatic C12-C16	Aromatic C12-C16	4.54		1	0.43	1.26	mg/kg FD048690.D
Aromatic C16-C21	Aromatic C16-C21	16.3		1	1.21	2.10	mg/kg FD048690.D
Aromatic C21-C36	Aromatic C21-C36	10.3		1	2.52	3.36	mg/kg FD048690.D
Total AliphaticEPH	Total AliphaticEPH	68.7			4.73	8.40	mg/kg
Total AromaticEPH	Total AromaticEPH	33.4			4.54	7.56	mg/kg
Total EPH	Total EPH	102			9.26	16.0	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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Lab Sample ID:	P4721-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048690.D	1	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.23		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.54		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.3		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	10.3		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.5		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.6		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-06	Acq On:	11 Nov 2024 09:48
Client Sample ID:	EX-11-TPH-3	Operator:	YP/AJ
Data file:	FD048690.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	4692693	26.632	200	ug/ml
Aromatic C12-C16	5.809	8.414	9599345	54.15	300	ug/ml
Aromatic C16-C21	8.415	12.677	31763754	193.879	500	ug/ml
Aromatic C21-C36	12.678	18.084	18707897	122.504	800	ug/ml
Aromatic EPH	4.090	18.084	64763689	397.165		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	9645668	63.55		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	5357280	54.56		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5923993	34.78		ug/ml