

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:		
Client Sample ID:	PB166603BS		SDG No.:	Q1308	
Lab Sample ID:	PB166603BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
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
02/06/25 14:20	02/07/25 12:32	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.57		1	0.38	1.00	mg/kg	FC068230.D
Aliphatic C12-C16	Aliphatic C12-C16	4.09		1	0.24	0.67	mg/kg	FC068230.D
Aliphatic C16-C21	Aliphatic C16-C21	7.01		1	0.30	1.00	mg/kg	FC068230.D
Aliphatic C21-C28	Aliphatic C21-C28	9.65		1	0.80	1.33	mg/kg	FC068230.D
Aliphatic C28-C40	Aliphatic C28-C40	17.2		1	1.80	2.00	mg/kg	FC068230.D
Aromatic C10-C12	Aromatic C10-C12	4.36		1	0.30	0.67	mg/kg	FD049053.D
Aromatic C12-C16	Aromatic C12-C16	7.56		1	0.34	1.00	mg/kg	FD049053.D
Aromatic C16-C21	Aromatic C16-C21	15.2		1	0.96	1.67	mg/kg	FD049053.D
Aromatic C21-C36	Aromatic C21-C36	25.1		1	2.00	2.66	mg/kg	FD049053.D
Total AliphaticEPH	Total AliphaticEPH	42.5			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	52.2			3.60	6.00	mg/kg	
Total EPH	Total EPH	94.7			7.12	12.0	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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Analytical Method:	NJEPH		% Solid:	100	
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
FC068230.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.57		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.09		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.01		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.65		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166603BS	Acq On:	07 Feb 2025 12:32
Client Sample ID:	PB166603BS	Operator:	YP/AJ
Data file:	FC068230.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	9502836	68.618	300	ug/ml
Aliphatic C12-C16	6.378	9.762	8454506	61.392	200	ug/ml
Aliphatic C16-C21	9.763	13.116	14220635	105.323	300	ug/ml
Aliphatic C21-C28	13.117	16.769	18432335	144.9	400	ug/ml
Aliphatic C28-C40	16.770	21.574	26709210	257.714	600	ug/ml
Aliphatic EPH	3.111	21.574	77319522	637.948		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.848	12.848	4024153	34.99		ug/ml
Aliphatic C9-C28	3.111	16.769	50610312	380.233	1200	ug/ml