

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:		
Client Sample ID:	PB166603BSD		SDG No.:	Q1308	
Lab Sample ID:	PB166603BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	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 13:08	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.60		1	0.38	1.00	mg/kg	FC068231.D
Aliphatic C12-C16	Aliphatic C12-C16	4.12		1	0.24	0.67	mg/kg	FC068231.D
Aliphatic C16-C21	Aliphatic C16-C21	7.05		1	0.30	1.00	mg/kg	FC068231.D
Aliphatic C21-C28	Aliphatic C21-C28	9.68		1	0.80	1.33	mg/kg	FC068231.D
Aliphatic C28-C40	Aliphatic C28-C40	17.3		1	1.80	2.00	mg/kg	FC068231.D
Aromatic C10-C12	Aromatic C10-C12	4.38		1	0.30	0.67	mg/kg	FD049054.D
Aromatic C12-C16	Aromatic C12-C16	7.59		1	0.34	1.00	mg/kg	FD049054.D
Aromatic C16-C21	Aromatic C16-C21	15.3		1	0.96	1.67	mg/kg	FD049054.D
Aromatic C21-C36	Aromatic C21-C36	25.2		1	2.00	2.67	mg/kg	FD049054.D
Total AliphaticEPH	Total AliphaticEPH	42.8			3.52	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	52.5			3.60	6.01	mg/kg	
Total EPH	Total EPH	95.2			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:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068231.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	4.60		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.12		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.05		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.68		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.3		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166603BSD	Acq On:	07 Feb 2025 13:08
Client Sample ID:	PB166603BSD	Operator:	YP/AJ
Data file:	FC068231.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	9568804	69.095	300	ug/ml
Aliphatic C12-C16	6.378	9.762	8507687	61.778	200	ug/ml
Aliphatic C16-C21	9.763	13.116	14277314	105.743	300	ug/ml
Aliphatic C21-C28	13.117	16.769	18470739	145.202	400	ug/ml
Aliphatic C28-C40	16.770	21.574	26851554	259.088	600	ug/ml
Aliphatic EPH	3.111	21.574	77676098	640.905		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.847	12.847	4086235	35.53		ug/ml
Aliphatic C9-C28	3.111	16.769	50824544	381.818	1200	ug/ml