

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	Chamberlain AveMS	SDG No.:	P4258
Lab Sample ID:	P4258-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/11/24 08:20	10/12/24 1:50	PB164054

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	54.0			4.08	6.96	mg/kg
Total AromaticEPH	Total AromaticEPH	71.7			4.17	6.95	mg/kg
Total EPH	Total EPH	126			8.26	13.9	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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Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.78		1	0.44	1.16	mg/kg FC067417.D
Aliphatic C12-C16	Aliphatic C12-C16	5.58		1	0.28	0.77	mg/kg FC067417.D
Aliphatic C16-C21	Aliphatic C16-C21	8.85		1	0.35	1.16	mg/kg FC067417.D
Aliphatic C21-C28	Aliphatic C21-C28	11.8		1	0.93	1.55	mg/kg FC067417.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	2.09	2.32	mg/kg FC067417.D
Aromatic C10-C12	Aromatic C10-C12	6.55		1	0.35	0.77	mg/kg FD048469.D
Aromatic C12-C16	Aromatic C12-C16	10.6		1	0.39	1.16	mg/kg FD048469.D
Aromatic C16-C21	Aromatic C16-C21	20.9		1	1.11	1.93	mg/kg FD048469.D
Aromatic C21-C36	Aromatic C21-C36	33.6		1	2.32	3.09	mg/kg FD048469.D
Total AliphaticEPH	Total AliphaticEPH	54.0			4.08	6.96	mg/kg
Total AromaticEPH	Total AromaticEPH	71.7			4.17	6.95	mg/kg
Total EPH	Total EPH	126			8.26	13.9	mg/kg

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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067417.D	1	10/11/24	10/12/24	PB164054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.78		0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.58		0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.85		0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.8		0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		2.09	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.0		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4258-03MS	Acq On:	12 Oct 2024 01:50
Client Sample ID:	P4258-03MS	Operator:	YP/AJ
Data file:	FC067417.D	Misc:	
Instrument:	FID_C	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	11259049	87.718	300	ug/ml
Aliphatic C12-C16	6.458	9.848	9442477	72.103	200	ug/ml
Aliphatic C16-C21	9.849	13.207	15043294	114.418	300	ug/ml
Aliphatic C21-C28	13.208	16.862	19405623	153.013	400	ug/ml
Aliphatic C28-C40	16.863	21.712	28582430	271.655	600	ug/ml
Aliphatic EPH	3.175	21.712	83732873	698.908		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.942	12.942	2825735	24.96		ug/ml
Aliphatic C9-C28	3.175	16.862	55150443	427.252	1200	ug/ml