

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB164054BS	SDG No.:	P4258
Lab Sample ID:	PB164054BS	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048462.D	1	10/11/24	10/11/24	PB164054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.69		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.59		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.5		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.9		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.5		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.2		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.3		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164054BS	Acq On:	11 Oct 2024 22:07
Client Sample ID:	PB164054BS	Operator:	YP/AJ
Data file:	FD048462.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.100	5.818	12735640	70.369	200	ug/ml
Aromatic C12-C16	5.819	8.425	21649760	113.949	300	ug/ml
Aromatic C16-C21	8.426	12.687	38809486	217.142	500	ug/ml
Aromatic C21-C36	12.688	18.089	54295016	328.343	800	ug/ml
Aromatic EPH	4.100	18.089	127489902	729.803		ug/ml
2-Bromonaphthalene (SURRE)	7.379	7.379	8532621	51.54		ug/ml
2-Fluorobiphenyl (SURRE)	8.229	8.229	5202838	50.17		ug/ml
ortho-Terphenyl (SURRE)	11.265	11.265	7598488	41.3		ug/ml