

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB164054BSD	SDG No.:	P4258
Lab Sample ID:	PB164054BSD	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048463.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	4.58		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.43		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.2		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.6		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.6		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.2		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.5		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164054BSD	Acq On:	11 Oct 2024 22:44
Client Sample ID:	PB164054BSD	Operator:	YP/AJ
Data file:	FD048463.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.100	5.818	12446530	68.771	200	ug/ml
Aromatic C12-C16	5.819	8.425	21187218	111.514	300	ug/ml
Aromatic C16-C21	8.426	12.687	38041343	212.845	500	ug/ml
Aromatic C21-C36	12.688	18.089	53515255	323.627	800	ug/ml
Aromatic EPH	4.100	18.089	125190346	716.757		ug/ml
2-Bromonaphthalene (SURRE)	7.379	7.379	8378840	50.61		ug/ml
2-Fluorobiphenyl (SURRE)	8.229	8.229	5106679	49.24		ug/ml
ortho-Terphenyl (SURRE)	11.265	11.265	7452371	40.5		ug/ml