

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048467.D	1	10/11/24	10/12/24	PB164054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.40	U	0.40	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.11	U	1.11	1.94	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.32	U	2.32	3.10	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.6		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.2		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4258-03	Acq On:	12 Oct 2024 01:12
Client Sample ID:	Chamberlain Ave	Operator:	YP/AJ
Data file:	FD048467.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.100	5.818	0	0	200	ug/ml
Aromatic C12-C16	5.819	8.425	0	0	300	ug/ml
Aromatic C16-C21	8.426	12.687	1082056	6.054	500	ug/ml
Aromatic C21-C36	12.688	18.089	1847690	11.174	800	ug/ml
Aromatic EPH	4.100	18.089	2929746	17.228		ug/ml
2-Bromonaphthalene (SURRE)	7.379	7.379	8372339	50.57		ug/ml
2-Fluorobiphenyl (SURRE)	8.229	8.229	5312726	51.23		ug/ml
ortho-Terphenyl (SURRE)	11.264	11.264	6002682	32.62		ug/ml