

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-305-BOTMS	SDG No.:	P4578
Lab Sample ID:	P4578-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FD048630.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.38		0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.67		0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.9		1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.9		2.44	3.25	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.2		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.0		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-05MS	Acq On:	30 Oct 2024 21:43
Client Sample ID:	WB-305-BOTMS	Operator:	YP/AJ
Data file:	FD048630.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	9516391	54.008	200	ug/ml
Aromatic C12-C16	5.813	8.417	21115953	119.115	300	ug/ml
Aromatic C16-C21	8.418	12.679	38106574	232.595	500	ug/ml
Aromatic C21-C36	12.680	18.085	56323449	368.819	800	ug/ml
Aromatic EPH	4.094	18.085	125062367	774.537		ug/ml
2-Bromonaphthalene (SURRE)	7.373	7.373	7467714	49.2		ug/ml
2-Fluorobiphenyl (SURRE)	8.222	8.222	4620375	47.05		ug/ml
ortho-Terphenyl (SURRE)	11.257	11.257	5863949	34.43		ug/ml