

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT	SDG No.:	P4578
Lab Sample ID:	P4578-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048628.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	0.37	U	0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	U	0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.17	U	1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.43	U	2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.4		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.5		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.0		40 - 140	70%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-05	Acq On:	30 Oct 2024 20:30
Client Sample ID:	WB-305-BOT	Operator:	YP/AJ
Data file:	FD048628.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	62243	0.353	200	ug/ml
Aromatic C12-C16	5.813	8.417	47188	0.266	300	ug/ml
Aromatic C16-C21	8.418	12.679	1611537	9.836	500	ug/ml
Aromatic C21-C36	12.680	18.085	1658638	10.861	800	ug/ml
Aromatic EPH	4.094	18.085	3379606	21.317		ug/ml
2-Bromonaphthalene (SURRE)	7.373	7.373	7799979	51.39		ug/ml
2-Fluorobiphenyl (SURRE)	8.221	8.221	4862498	49.52		ug/ml
ortho-Terphenyl (SURRE)	11.257	11.257	5960099	34.99		ug/ml