

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-CMS	SDG No.:	Q2832
Lab Sample ID:	Q2892-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
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
FD049660.D	1	08/21/25	08/23/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.53		0.14	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.7		0.26	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.2		0.45	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.9		1.34	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.6		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.1		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.8		40 - 140	74%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2892-05MS	Acq On:	23 Aug 2025 03:54
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-CMS	Operator:	YP/AJ
Data file:	FD049660.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.407	6.150	9362890	86.742	200	ug/ml
Aromatic C12-C16	6.151	8.778	17569518	142.171	300	ug/ml
Aromatic C16-C21	8.779	13.069	38999279	308.328	500	ug/ml
Aromatic C21-C36	13.070	18.489	55240991	490.515	800	ug/ml
Aromatic EPH	4.407	18.489	121172678	1030		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	5597452	54.62		ug/ml
2-Fluorobiphenyl (SURR)	8.582	8.582	4023121	55.08		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4779844	36.83		ug/ml