

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-CMSD	SDG No.:	Q2832
Lab Sample ID:	Q2892-05MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049661.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	6.37		0.14	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.3		0.26	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	21.9		0.45	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	35.6		1.34	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.7		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.3		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.5		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2892-05MSD	Acq On:	23 Aug 2025 04:42
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-CMSD	Operator:	YP/AJ
Data file:	FD049661.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.407	6.150	9152570	84.793	200	ug/ml
Aromatic C12-C16	6.151	8.778	16960149	137.24	300	ug/ml
Aromatic C16-C21	8.779	13.069	36848911	291.327	500	ug/ml
Aromatic C21-C36	13.070	18.489	53349934	473.724	800	ug/ml
Aromatic EPH	4.407	18.489	116311564	987.084		ug/ml
2-Bromonaphthalene (SURRE)	7.716	7.716	5397839	52.67		ug/ml
2-Fluorobiphenyl (SURRE)	8.581	8.581	3821859	52.32		ug/ml
ortho-Terphenyl (SURRE)	11.626	11.626	4473947	34.47		ug/ml