

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-TOP	SDG No.:	P4892
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	59.8
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
FD048803.D	1	11/21/24	11/22/24	PB165188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.76	J	0.50	1.11	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.27		0.57	1.67	mg/kg
Aromatic C16-C21	Aromatic C16-C21	11.3		1.60	2.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.1		3.34	4.45	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.3		40 - 140	113%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.3		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.8		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4892-01	Acq On:	22 Nov 2024 12:44
Client Sample ID:	WB-310-TOP	Operator:	YP/AJ
Data file:	FD048803.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.804	1312729	6.837	200	ug/ml
Aromatic C12-C16	5.805	8.412	12564747	65.285	300	ug/ml
Aromatic C16-C21	8.413	12.677	18849210	101.446	500	ug/ml
Aromatic C21-C36	12.678	18.087	41095698	261.371	800	ug/ml
Aromatic EPH	4.088	18.087	73822384	434.94		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	7455545	38.76		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	9909110	56.28		ug/ml
2-Fluorobiphenyl (SURR)	8.217	8.217	5558802	48.27		ug/ml