

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-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048804.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	0.35	U	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.40	U	0.40	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.11	U	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.32	U	2.32	3.10	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.5		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.3		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.6		40 - 140	67%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4892-02	Acq On:	22 Nov 2024 13:20
Client Sample ID:	WB-310-BOT	Operator:	YP/AJ
Data file:	FD048804.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.804	131347	0.684	200	ug/ml
Aromatic C12-C16	5.805	8.412	0	0	300	ug/ml
Aromatic C16-C21	8.413	12.677	1499399	8.07	500	ug/ml
Aromatic C21-C36	12.678	18.087	2220693	14.124	800	ug/ml
Aromatic EPH	4.088	18.087	3851439	22.878		ug/ml
2-Bromonaphthalene (SURRE)	7.366	7.366	8364500	47.51		ug/ml
2-Fluorobiphenyl (SURRE)	8.216	8.216	5561237	48.29		ug/ml
ortho-Terphenyl (SURRE)	11.253	11.253	6462912	33.6		ug/ml