

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	SB-02MSD	SDG No.:	P5299
Lab Sample ID:	P5299-04MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048907.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.85		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.4		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.0		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	43.0		2.52	3.37	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.2		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.9		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-04MSD	Acq On:	20 Dec 2024 17:03
Client Sample ID:	SB-02MSD	Operator:	YP/AJ
Data file:	FD048907.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	15490160	81.437	200	ug/ml
Aromatic C12-C16	5.801	8.405	27484098	147.857	300	ug/ml
Aromatic C16-C21	8.406	12.669	50354206	297.04	500	ug/ml
Aromatic C21-C36	12.670	18.077	72322214	510.791	800	ug/ml
Aromatic EPH	4.083	18.077	165650678	1040		ug/ml
ortho-Terphenyl (SURR)	11.246	11.246	6325440	35.6		ug/ml
2-Bromonaphthalene (SURR)	7.362	7.362	10138982	60.2		ug/ml
2-Fluorobiphenyl (SURR)	8.212	8.212	6604556	63.93		ug/ml