

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BSD	SDG No.:	P4460
Lab Sample ID:	PB164309BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD048550.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.56		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.89		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.1		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.4		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.3		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.8		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.5		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164309BSD	Acq On:	23 Oct 2024 02:29
Client Sample ID:	PB164309BSD	Operator:	YP/AJ
Data file:	FD048550.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	15086475	83.358	200	ug/ml
Aromatic C12-C16	5.815	8.420	25338712	133.365	300	ug/ml
Aromatic C16-C21	8.421	12.681	48490961	271.311	500	ug/ml
Aromatic C21-C36	12.682	18.086	67994853	411.191	800	ug/ml
Aromatic EPH	4.096	18.086	156911001	899.225		ug/ml
2-Bromonaphthalene (SURR)	7.376	7.376	9146806	55.25		ug/ml
2-Fluorobiphenyl (SURR)	8.226	8.226	6093512	58.76		ug/ml
ortho-Terphenyl (SURR)	11.262	11.262	8378054	45.53		ug/ml