

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BSD	SDG No.:	P5299
Lab Sample ID:	PB165775BSD	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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/19/24 14:05	12/20/24 11:46	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.42		1	0.38	1.00	mg/kg FC068062.D
Aliphatic C12-C16	Aliphatic C12-C16	5.28		1	0.24	0.67	mg/kg FC068062.D
Aliphatic C16-C21	Aliphatic C16-C21	8.95		1	0.30	1.00	mg/kg FC068062.D
Aliphatic C21-C28	Aliphatic C21-C28	12.4		1	0.80	1.33	mg/kg FC068062.D
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1	1.80	2.00	mg/kg FC068062.D
Aromatic C10-C12	Aromatic C10-C12	4.62		1	0.30	0.67	mg/kg FD048900.D
Aromatic C12-C16	Aromatic C12-C16	8.69		1	0.34	1.00	mg/kg FD048900.D
Aromatic C16-C21	Aromatic C16-C21	17.3		1	0.96	1.67	mg/kg FD048900.D
Aromatic C21-C36	Aromatic C21-C36	29.0		1	2.00	2.67	mg/kg FD048900.D
Total AliphaticEPH	Total AliphaticEPH	54.5			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	59.6			3.60	6.01	mg/kg
Total EPH	Total EPH	114			7.12	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068062.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.42		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.28		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.95		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.4		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	54.7		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB165775BSD	Acq On:	20 Dec 2024 11:46
Client Sample ID:	PB165775BSD	Operator:	YP/AJ
Data file:	FC068062.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.117	6.389	12876644	81.342	300	ug/ml
Aliphatic C12-C16	6.390	9.779	12708105	79.289	200	ug/ml
Aliphatic C16-C21	9.780	13.137	20452390	134.235	300	ug/ml
Aliphatic C21-C28	13.138	16.791	25340505	185.802	400	ug/ml
Aliphatic C28-C40	16.792	21.609	35595769	335.921	600	ug/ml
Aliphatic EPH	3.117	21.609	106973413	816.59		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.870	12.870	6982791	54.73		ug/ml
Aliphatic C9-C28	3.117	16.791	71377644	480.668	1200	ug/ml