

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-CMS	SDG No.:	Q2832
Lab Sample ID:	Q2892-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/21/25 11:00	08/22/25 19:28	PB169364

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.12		1	0.16	1.13	mg/kg FC069713.D
Aliphatic C12-C16	Aliphatic C12-C16	5.39		1	0.12	0.75	mg/kg FC069713.D
Aliphatic C16-C21	Aliphatic C16-C21	9.04		1	0.15	1.13	mg/kg FC069713.D
Aliphatic C21-C28	Aliphatic C21-C28	12.1		1	0.60	1.50	mg/kg FC069713.D
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.33	2.26	mg/kg FC069713.D
Aromatic C10-C12	Aromatic C10-C12	6.53		1	0.14	0.75	mg/kg FD049660.D
Aromatic C12-C16	Aromatic C12-C16	10.7		1	0.26	1.13	mg/kg FD049660.D
Aromatic C16-C21	Aromatic C16-C21	23.2		1	0.45	1.88	mg/kg FD049660.D
Aromatic C21-C36	Aromatic C21-C36	36.9		1	1.34	3.01	mg/kg FD049660.D
Total AliphaticEPH	Total AliphaticEPH	53.5			2.36	6.77	mg/kg
Total AromaticEPH	Total AromaticEPH	77.3			2.19	6.77	mg/kg
Total EPH	Total EPH	131			4.54	13.5	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069713.D	1	08/21/25	08/22/25	PB169364

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.12		0.16	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.39		0.12	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.04		0.15	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.1		0.60	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.33	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.1		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2892-05MS	Acq On:	22 Aug 2025 19:28
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-CMS	Operator:	YP/AJ
Data file:	FC069713.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.298	6.594	11771671	81.364	300	ug/ml
Aliphatic C12-C16	6.595	9.996	10277125	71.65	200	ug/ml
Aliphatic C16-C21	9.997	13.364	16040854	120.101	300	ug/ml
Aliphatic C21-C28	13.365	17.031	18977000	160.404	400	ug/ml
Aliphatic C28-C40	17.032	22.001	26397718	276.952	600	ug/ml
Aliphatic EPH	3.298	22.001	83464368	710.47		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.099	13.099	3393585	31.13		ug/ml
Aliphatic C9-C28	3.298	17.031	57066650	433.519	1200	ug/ml