

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168324BS	SDG No.:	Q2177
Lab Sample ID:	PB168324BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
06/06/25 09:10	06/09/25 16:57	PB168324

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aromatic C10-C12	Aromatic C10-C12	91.0		1	2.07	20.0	ug/l	FD049416.D
Aromatic C12-C16	Aromatic C12-C16	143		1	4.26	30.0	ug/l	FD049416.D
Aromatic C16-C21	Aromatic C16-C21	271		1	8.27	50.0	ug/l	FD049416.D
Aromatic C21-C36	Aromatic C21-C36	515		1	23.8	80.0	ug/l	FD049416.D

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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CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	148		1	8.28	30.0	ug/l	FC069135.D
Aliphatic C12-C16	Aliphatic C12-C16	123		1	13.5	20.0	ug/l	FC069135.D
Aliphatic C16-C21	Aliphatic C16-C21	209		1	8.34	30.0	ug/l	FC069135.D
Aliphatic C21-C28	Aliphatic C21-C28	298		1	12.5	40.0	ug/l	FC069135.D
Aliphatic C28-C40	Aliphatic C28-C40	420		1	23.8	60.0	ug/l	FC069135.D
Aromatic C10-C12	Aromatic C10-C12	91.0		1	2.07	20.0	ug/l	FD049416.D
Aromatic C12-C16	Aromatic C12-C16	143		1	4.26	30.0	ug/l	FD049416.D
Aromatic C16-C21	Aromatic C16-C21	271		1	8.27	50.0	ug/l	FD049416.D
Aromatic C21-C36	Aromatic C21-C36	515		1	23.8	80.0	ug/l	FD049416.D
Total AliphaticEPH	Total AliphaticEPH	1200			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1020			38.4	180	ug/l	
Total EPH	Total EPH	2220			105	360	ug/l	

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Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069135.D	1	06/06/25	06/09/25	PB168324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	148		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	123		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	209		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	298		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	420		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168324BS	Acq On:	09 Jun 2025 16:57
Client Sample ID:	PB168324BS	Operator:	YP/AJ
Data file:	FC069135.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.299	6.602	7850856	74.263	300	ug/ml
Aliphatic C12-C16	6.603	10.008	6291363	61.689	200	ug/ml
Aliphatic C16-C21	10.009	13.379	10246363	104.699	300	ug/ml
Aliphatic C21-C28	13.380	17.047	14009671	149.351	400	ug/ml
Aliphatic C28-C40	17.048	22.037	19850508	210.194	600	ug/ml
Aliphatic EPH	3.299	22.037	58248761	600.195		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	3366566	37.53		ug/ml
Aliphatic C9-C28	3.299	17.047	38398253	390.002	1200	ug/ml