

## Report of Analysis

|                    |                              |                 |                      |
|--------------------|------------------------------|-----------------|----------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |                      |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |                      |
| Client Sample ID:  | ENV-101-SB01MS               | SDG No.:        | Q1514                |
| Lab Sample ID:     | Q1488-01MS                   | Matrix:         | Solid                |
| Analytical Method: | NJEPH                        | % Solid:        | 88.5                 |
| Sample Wt/Vol:     | 30.02      Units:    g       | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                           | Test:           | EPH                  |
| Prep Method :      |                              |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FF015634.D | 1         | 03/10/25    | 03/10/25        | PB167058      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 5.65  |           | 0.34     | 0.75       | mg/kg   |
| Aromatic C12-C16  | Aromatic C12-C16          | 9.65  |           | 0.38     | 1.13       | mg/kg   |
| Aromatic C16-C21  | Aromatic C16-C21          | 20.2  |           | 1.08     | 1.88       | mg/kg   |
| Aromatic C21-C36  | Aromatic C21-C36          | 28.9  |           | 2.26     | 3.01       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 54.8  |           | 40 - 140 | 110%       | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 54.0  |           | 40 - 140 | 108%       | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 32.3  |           | 40 - 140 | 65%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |                |                    |                   |
|-------------------|----------------|--------------------|-------------------|
| Lab Sample ID:    | Q1488-01MS     | Acq On:            | 10 Mar 2025 19:14 |
| Client Sample ID: | ENV-101-SB01MS | Operator:          | YP\AJ             |
| Data file:        | FF015634.D     | Misc:              |                   |
| Instrument:       | FID_F          | ALS Vial:          | 76                |
| Dilution Factor:  | 1              | Sample Multiplier: | 1.00              |

| Compound                   | R.T.   |        | Response  | Conc    | highest_standard | Units |
|----------------------------|--------|--------|-----------|---------|------------------|-------|
| Aromatic C10-C12           | 4.505  | 6.377  | 9632518   | 75.042  | 200              | ug/ml |
| Aromatic C12-C16           | 6.378  | 9.069  | 17543252  | 128.24  | 300              | ug/ml |
| Aromatic C16-C21           | 9.070  | 13.390 | 35645327  | 267.931 | 500              | ug/ml |
| Aromatic C21-C36           | 13.391 | 18.845 | 49991384  | 384.384 | 800              | ug/ml |
| Aromatic EPH               | 4.505  | 18.845 | 112812481 | 855.598 |                  | ug/ml |
| 2-Bromonaphthalene (SURRE) | 7.997  | 7.997  | 6376280   | 54.77   |                  | ug/ml |
| 2-Fluorobiphenyl (SURRE)   | 8.875  | 8.875  | 3847204   | 54.01   |                  | ug/ml |
| ortho-Terphenyl (SURRE)    | 11.934 | 11.934 | 4755517   | 32.33   |                  | ug/ml |