

## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected: |              |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:  |              |
| Client Sample ID:  | PB168324BS                   | SDG No.:        | Q2198        |
| 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                       |                 |              |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FD049416.D | 1         | 06/06/25    | 06/09/25        | PB168324      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aromatic C10-C12  | Aromatic C10-C12          | 91.0  |           | 2.07     | 20.0       | ug/l    |
| Aromatic C12-C16  | Aromatic C12-C16          | 143   |           | 4.26     | 30.0       | ug/l    |
| Aromatic C16-C21  | Aromatic C16-C21          | 271   |           | 8.27     | 50.0       | ug/l    |
| Aromatic C21-C36  | Aromatic C21-C36          | 515   |           | 23.8     | 80.0       | ug/l    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 580-13-2          | 2-Bromonaphthalene (SURR) | 34.1  |           | 40 - 140 | 68%        | SPK: 50 |
| 321-60-8          | 2-Fluorobiphenyl (SURR)   | 33.4  |           | 40 - 140 | 67%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 28.7  |           | 40 - 140 | 57%        | SPK: 50 |

## Quantitation Report For Aromatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | PB168324BS | Acq On:            | 09 Jun 2025 16:57 |
| Client Sample ID: | PB168324BS | Operator:          | YP/AJ             |
| Data file:        | FD049416.D | Misc:              |                   |
| Instrument:       | FID_D      | ALS Vial:          | 62                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aromatic EPH              | 4.424  | 18.512 | 83543638 | 510.779 |                  | ug/ml |
| 2-Bromonaphthalene (SURR) | 7.733  | 7.733  | 5669143  | 34.1    |                  | ug/ml |
| 2-Fluorobiphenyl (SURR)   | 8.599  | 8.599  | 3820043  | 33.39   |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.645 | 11.645 | 5766961  | 28.73   |                  | ug/ml |
| Aromatic C10-C12          | 4.424  | 6.169  | 7612744  | 45.491  | 200              | ug/ml |
| Aromatic C12-C16          | 6.170  | 8.798  | 13453369 | 71.742  | 300              | ug/ml |
| Aromatic C16-C21          | 8.799  | 13.089 | 25095627 | 135.843 | 500              | ug/ml |
| Aromatic C21-C36          | 13.090 | 18.512 | 37381898 | 257.703 | 800              | ug/ml |