Alliance TECHNICAL GROUP
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Portal Partners Tri-Venture | Date Collected: | 05/31/25 |
| Project: | Amtrak Sawtooth Bridges 2025 | Date Received: | 06/02/25 |
| Client Sample ID: | B-187-SB02 | SDG No.: | Q2177 |
| Lab Sample ID: | Q2177-05 | Matrix: | TCLP |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | TCLP VOA |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | SW5035 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086856.D | 1 | | 06/03/25 20:36 | VN060325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 10.3 | J | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 5.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.7 | | 70 (74) - 130 (125) | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 53.1 | | 70 (75) - 130 (124) | 106% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.2 | | 70 (86) - 130 (113) | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 53.2 | | 70 (77) - 130 (121) | 106% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 221000 | 8.218 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 428000 | 9.1 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 405000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 181000 | 13.794 | | | |

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
M = MS/MSD acceptance 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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products