

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Lab Name: <u>Alliance</u>                       | Contract: <u>ATGG01</u>                                  |
| Lab Code: <u>ACE</u>                            | SDG No.: <u>Q2925</u>                                    |
| Instrument ID: <u>MSVOA_V</u>                   | Calibration Date(s): <u>08/21/2025</u> <u>08/21/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                    | Calibration Time(s): <u>09:05</u> <u>11:45</u>           |
| GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                                                          |

|                       |        |                     |        |                     |        |                     |       |       |
|-----------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:          |        | RRF001 = VV038973.D |        | RRF005 = VV038974.D |        | RRF020 = VV038975.D |       |       |
|                       |        | RRF050 = VV038976.D |        | RRF100 = VV038977.D |        | RRF010 = VV038979.D |       |       |
| COMPOUND              | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF010              | RRF   | % RSD |
| Benzene               | 1.384  | 1.558               | 1.602  | 1.430               | 1.510  | 1.667               | 1.525 | 7     |
| Toluene               | 0.791  | 0.916               | 1.009  | 1.070               | 0.984  | 1.026               | 0.966 | 10.3  |
| Ethyl Benzene         | 1.654  | 1.659               | 1.848  | 1.952               | 1.998  | 1.931               | 1.840 | 8.2   |
| m/p-Xylenes           | 0.574  | 0.615               | 0.762  | 0.784               | 0.785  | 0.769               | 0.715 | 13.2  |
| o-Xylene              | 0.529  | 0.572               | 0.669  | 0.712               | 0.740  | 0.686               | 0.651 | 12.7  |
| 1,2-Dichloroethane-d4 |        | 0.815               | 0.696  | 0.643               | 0.647  | 0.707               | 0.702 | 9.9   |
| Dibromofluoromethane  |        | 0.420               | 0.386  | 0.346               | 0.347  | 0.377               | 0.375 | 8.2   |
| Toluene-d8            |        | 1.355               | 1.346  | 1.338               | 1.246  | 1.253               | 1.308 | 4.1   |
| 4-Bromofluorobenzene  |        | 0.425               | 0.472  | 0.559               | 0.477  | 0.459               | 0.478 | 10.3  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.