

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q2329 SAS No.: Q2329 SDG No.: Q2329

Instrument ID: MSVOA\_N Calibration Date/Time: 06/18/2025 10:21

Lab File ID: VN087074.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 0.499 | 0.516  |            | 3.41   | 20    |
| Chloromethane                  | 0.644 | 0.551  | 0.1        | -14.44 | 20    |
| Vinyl Chloride                 | 0.664 | 0.705  |            | 6.18   | 20    |
| Bromomethane                   | 0.372 | 0.373  |            | 0.27   | 20    |
| Chloroethane                   | 0.429 | 0.449  |            | 4.66   | 20    |
| Trichlorofluoromethane         | 0.868 | 0.904  |            | 4.15   | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.545 | 0.568  |            | 4.22   | 20    |
| 1,1-Dichloroethene             | 0.557 | 0.578  |            | 3.77   | 20    |
| Acetone                        | 0.355 | 0.348  |            | -1.97  | 20    |
| Carbon Disulfide               | 1.539 | 1.665  |            | 8.19   | 20    |
| Methyl tert-butyl Ether        | 2.015 | 1.968  |            | -2.33  | 20    |
| Methyl Acetate                 | 1.035 | 0.810  |            | -21.74 | 20    |
| Methylene Chloride             | 0.665 | 0.647  |            | -2.71  | 20    |
| trans-1,2-Dichloroethene       | 0.619 | 0.624  |            | 0.81   | 20    |
| 1,1-Dichloroethane             | 1.120 | 1.103  | 0.1        | -1.52  | 20    |
| Cyclohexane                    | 1.086 | 0.982  |            | -9.58  | 20    |
| 2-Butanone                     | 0.577 | 0.489  |            | -15.25 | 20    |
| Carbon Tetrachloride           | 0.433 | 0.450  |            | 3.93   | 20    |
| cis-1,2-Dichloroethene         | 0.740 | 0.736  |            | -0.54  | 20    |
| Bromochloromethane             | 0.550 | 0.488  |            | -11.27 | 20    |
| Chloroform                     | 1.118 | 1.081  |            | -3.31  | 20    |
| 1,1,1-Trichloroethane          | 0.951 | 0.924  |            | -2.84  | 20    |
| Methylcyclohexane              | 0.605 | 0.545  |            | -9.92  | 20    |
| Benzene                        | 1.444 | 1.468  |            | 1.66   | 20    |
| 1,2-Dichloroethane             | 0.438 | 0.435  |            | -0.69  | 20    |
| Trichloroethene                | 0.342 | 0.365  |            | 6.72   | 20    |
| 1,2-Dichloropropane            | 0.351 | 0.360  |            | 2.56   | 20    |
| Bromodichloromethane           | 0.480 | 0.491  |            | 2.29   | 20    |
| 4-Methyl-2-Pentanone           | 0.543 | 0.504  |            | -7.18  | 20    |
| Toluene                        | 0.882 | 0.913  |            | 3.52   | 20    |
| t-1,3-Dichloropropene          | 0.537 | 0.563  |            | 4.84   | 20    |
| cis-1,3-Dichloropropene        | 0.574 | 0.605  |            | 5.4    | 20    |
| 1,1,2-Trichloroethane          | 0.340 | 0.346  |            | 1.76   | 20    |
| 2-Hexanone                     | 0.350 | 0.340  |            | -2.86  | 20    |
| Dibromochloromethane           | 0.354 | 0.375  |            | 5.93   | 20    |
| 1,2-Dibromoethane              | 0.348 | 0.363  |            | 4.31   | 20    |
| Tetrachloroethene              | 0.316 | 0.325  |            | 2.85   | 20    |
| Chlorobenzene                  | 1.103 | 1.139  | 0.3        | 3.26   | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

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| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| Ethyl Benzene               | 1.900 | 1.933  |            | 1.74   | 20    |
| m/p-Xylenes                 | 0.727 | 0.764  |            | 5.09   | 20    |
| o-Xylene                    | 0.696 | 0.732  |            | 5.17   | 20    |
| Styrene                     | 1.192 | 1.262  |            | 5.87   | 20    |
| Bromoform                   | 0.263 | 0.290  | 0.1        | 10.27  | 20    |
| Isopropylbenzene            | 3.643 | 3.597  |            | -1.26  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.234 | 1.231  | 0.3        | -0.24  | 20    |
| 1,3-Dichlorobenzene         | 1.644 | 1.705  |            | 3.71   | 20    |
| 1,4-Dichlorobenzene         | 1.676 | 1.723  |            | 2.8    | 20    |
| 1,2-Dichlorobenzene         | 1.579 | 1.614  |            | 2.22   | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.295 | 0.276  |            | -6.44  | 20    |
| 1,2,4-Trichlorobenzene      | 1.008 | 0.900  |            | -10.71 | 20    |
| 1,2,3-Trichlorobenzene      | 1.002 | 0.863  |            | -13.87 | 20    |
| 1,2-Dichloroethane-d4       | 0.669 | 0.621  |            | -7.18  | 20    |
| Dibromofluoromethane        | 0.296 | 0.316  |            | 6.76   | 20    |
| Toluene-d8                  | 1.173 | 1.162  |            | -0.94  | 20    |
| 4-Bromofluorobenzene        | 0.436 | 0.447  |            | 2.52   | 20    |

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