284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2008 SAS No.: Q2008 SDG No.: Q2008

Instrument ID: MSVOA_X Calibration Date/Time: 05/12/2025 09:59

Lab File ID: VX046125.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.765 | 0.819 | | 7.06 | 20 |
| Chloromethane | 0.742 | 0.738 | 0.1 | -0.54 | 20 |
| Vinyl Chloride | 0.691 | 0.666 | | -3.62 | 20 |
| Bromomethane | 0.320 | 0.303 | | -5.31 | 20 |
| Chloroethane | 0.369 | 0.371 | | 0.54 | 20 |
| Trichlorofluoromethane | 1.021 | 1.041 | | 1.96 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.632 | 0.622 | | -1.58 | 20 |
| 1,1-Dichloroethene | 0.593 | 0.562 | | -5.23 | 20 |
| Acetone | 0.374 | 0.357 | | -4.55 | 20 |
| Carbon Disulfide | 1.406 | 1.418 | | 0.85 | 20 |
| Methyl tert-butyl Ether | 2.079 | 2.008 | | -3.41 | 20 |
| Methyl Acetate | 0.867 | 0.843 | | -2.77 | 20 |
| Methylene Chloride | 0.716 | 0.643 | | -10.2 | 20 |
| trans-1,2-Dichloroethene | 0.596 | 0.570 | | -4.36 | 20 |
| 1,1-Dichloroethane | 1.219 | 1.174 | 0.1 | -3.69 | 20 |
| Cyclohexane | 1.111 | 1.042 | | -6.21 | 20 |
| 2-Butanone | 0.543 | 0.506 | | -6.81 | 20 |
| Carbon Tetrachloride | 0.544 | 0.557 | | 2.39 | 20 |
| cis-1,2-Dichloroethene | 0.718 | 0.686 | | -4.46 | 20 |
| Bromochloromethane | 0.587 | 0.557 | | -5.11 | 20 |
| Chloroform | 1.271 | 1.225 | | -3.62 | 20 |
| 1,1,1-Trichloroethane | 1.101 | 1.086 | | -1.36 | 20 |
| Methylcyclohexane | 0.623 | 0.612 | | -1.77 | 20 |
| Benzene | 1.417 | 1.405 | | -0.85 | 20 |
| 1,2-Dichloroethane | 0.612 | 0.610 | | -0.33 | 20 |
| Trichloroethene | 0.341 | 0.339 | | -0.59 | 20 |
| 1,2-Dichloropropane | 0.352 | 0.360 | | 2.27 | 20 |
| Bromodichloromethane | 0.547 | 0.578 | | 5.67 | 20 |
| 4-Methyl-2-Pentanone | 0.605 | 0.596 | | -1.49 | 20 |
| Toluene | 0.869 | 0.853 | | -1.84 | 20 |
| t-1,3-Dichloropropene | 0.487 | 0.519 | | 6.57 | 20 |
| cis-1,3-Dichloropropene | 0.538 | 0.555 | | 3.16 | 20 |
| 1,1,2-Trichloroethane | 0.343 | 0.346 | | 0.88 | 20 |
| 2-Hexanone | 0.448 | 0.439 | | -2.01 | 20 |
| Dibromochloromethane | 0.376 | 0.412 | | 9.57 | 20 |
| 1,2-Dibromoethane | 0.356 | 0.351 | | -1.4 | 20 |
| Tetrachloroethene | 0.354 | 0.352 | | -0.56 | 20 |
| Chlorobenzene | 1.094 | 1.063 | 0.3 | -2.83 | 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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GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.929 | 1.941 | | 0.62 | 20 |
| m/p-Xylenes | 0.706 | 0.710 | | 0.57 | 20 |
| o-Xylene | 0.688 | 0.691 | | 0.44 | 20 |
| Styrene | 1.127 | 1.178 | | 4.53 | 20 |
| Bromoform | 0.281 | 0.302 | 0.1 | 7.47 | 20 |
| Isopropylbenzene | 3.893 | 3.916 | | 0.59 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.364 | 1.243 | 0.3 | -8.87 | 20 |
| 1,3-Dichlorobenzene | 1.649 | 1.648 | | -0.06 | 20 |
| 1,4-Dichlorobenzene | 1.684 | 1.688 | | 0.24 | 20 |
| 1,2-Dichlorobenzene | 1.655 | 1.616 | | -2.36 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.302 | 0.298 | | -1.33 | 20 |
| 1,2,4-Trichlorobenzene | 0.951 | 0.964 | | 1.37 | 20 |
| 1,2,3-Trichlorobenzene | 0.981 | 0.982 | | 0.1 | 20 |
| 1,2-Dichloroethane-d4 | 0.932 | 0.830 | | -10.94 | 20 |
| Dibromofluoromethane | 0.360 | 0.350 | | -2.78 | 20 |
| Toluene-d8 | 1.246 | 1.176 | | -5.62 | 20 |
| 4-Bromofluorobenzene | 0.478 | 0.462 | | -3.35 | 20 |

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