

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG No.: Q2021

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 0.522 | 0.481  |            | -7.85  | 20    |
| Chloromethane                  | 1.097 | 1.063  | 0.1        | -3.1   | 20    |
| Vinyl Chloride                 | 1.226 | 1.243  |            | 1.39   | 20    |
| Bromomethane                   | 0.998 | 0.978  |            | -2     | 20    |
| Chloroethane                   | 0.763 | 0.831  |            | 8.91   | 20    |
| Trichlorofluoromethane         | 1.241 | 1.212  |            | -2.34  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.539 | 0.534  |            | -0.93  | 20    |
| 1,1-Dichloroethene             | 0.535 | 0.519  |            | -2.99  | 20    |
| Acetone                        | 0.102 | 0.081  |            | -20.59 | 20    |
| Carbon Disulfide               | 1.744 | 1.645  |            | -5.68  | 20    |
| Methyl tert-butyl Ether        | 1.475 | 1.322  |            | -10.37 | 20    |
| Methyl Acetate                 | 0.323 | 0.263  |            | -18.58 | 20    |
| Methylene Chloride             | 0.662 | 0.542  |            | -18.13 | 20    |
| trans-1,2-Dichloroethene       | 0.590 | 0.560  |            | -5.09  | 20    |
| 1,1-Dichloroethane             | 1.106 | 1.030  | 0.1        | -6.87  | 20    |
| Cyclohexane                    | 1.105 | 1.007  |            | -8.87  | 20    |
| 2-Butanone                     | 0.171 | 0.138  |            | -19.3  | 20    |
| Carbon Tetrachloride           | 0.509 | 0.500  |            | -1.77  | 20    |
| cis-1,2-Dichloroethene         | 0.681 | 0.638  |            | -6.31  | 20    |
| Bromochloromethane             | 0.472 | 0.434  |            | -8.05  | 20    |
| Chloroform                     | 1.061 | 1.007  |            | -5.09  | 20    |
| 1,1,1-Trichloroethane          | 0.974 | 0.929  |            | -4.62  | 20    |
| Methylcyclohexane              | 0.660 | 0.659  |            | -0.15  | 20    |
| Benzene                        | 1.457 | 1.393  |            | -4.39  | 20    |
| 1,2-Dichloroethane             | 0.394 | 0.360  |            | -8.63  | 20    |
| Trichloroethene                | 0.362 | 0.349  |            | -3.59  | 20    |
| 1,2-Dichloropropane            | 0.351 | 0.327  |            | -6.84  | 20    |
| Bromodichloromethane           | 0.492 | 0.465  |            | -5.49  | 20    |
| 4-Methyl-2-Pentanone           | 0.253 | 0.213  |            | -15.81 | 20    |
| Toluene                        | 0.923 | 0.871  |            | -5.63  | 20    |
| t-1,3-Dichloropropene          | 0.480 | 0.439  |            | -8.54  | 20    |
| cis-1,3-Dichloropropene        | 0.550 | 0.509  |            | -7.45  | 20    |
| 1,1,2-Trichloroethane          | 0.243 | 0.216  |            | -11.11 | 20    |
| 2-Hexanone                     | 0.170 | 0.140  |            | -17.65 | 20    |
| Dibromochloromethane           | 0.315 | 0.296  |            | -6.03  | 20    |
| 1,2-Dibromoethane              | 0.226 | 0.209  |            | -7.52  | 20    |
| Tetrachloroethene              | 0.462 | 0.450  |            | -2.6   | 20    |
| Chlorobenzene                  | 1.128 | 1.083  | 0.3        | -3.99  | 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               | 2.113 | 2.049  |            | -3.03  | 20    |
| m/p-Xylenes                 | 0.796 | 0.767  |            | -3.64  | 20    |
| o-Xylene                    | 0.753 | 0.714  |            | -5.18  | 20    |
| Styrene                     | 1.270 | 1.195  |            | -5.91  | 20    |
| Bromoform                   | 0.209 | 0.190  | 0.1        | -9.09  | 20    |
| Isopropylbenzene            | 4.142 | 4.111  |            | -0.75  | 20    |
| 1,1,2,2-Tetrachloroethane   | 0.637 | 0.599  | 0.3        | -5.97  | 20    |
| 1,3-Dichlorobenzene         | 1.806 | 1.738  |            | -3.77  | 20    |
| 1,4-Dichlorobenzene         | 1.737 | 1.669  |            | -3.91  | 20    |
| 1,2-Dichlorobenzene         | 1.517 | 1.434  |            | -5.47  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.103 | 0.092  |            | -10.68 | 20    |
| 1,2,4-Trichlorobenzene      | 0.876 | 0.816  |            | -6.85  | 20    |
| 1,2,3-Trichlorobenzene      | 0.743 | 0.664  |            | -10.63 | 20    |
| 1,2-Dichloroethane-d4       | 0.546 | 0.506  |            | -7.33  | 20    |
| Dibromofluoromethane        | 0.298 | 0.288  |            | -3.36  | 20    |
| Toluene-d8                  | 1.222 | 1.187  |            | -2.86  | 20    |
| 4-Bromofluorobenzene        | 0.387 | 0.356  |            | -8.01  | 20    |

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