



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: REMI02

Lab Code: CHEM Case No.: 02505 SAS No.: 02505 SDG No.: 02505

Instrument ID: MSVOA\_X Calibration Date/Time: 05/10/2023 11:03

Lab File ID: VX035577.D Init. Calib. Date(s): 04/25/2023 04/25/2023

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:37 13:21

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 0.529 | 0.473  |            | -10.59 | 20    |
| Chloromethane                  | 0.481 | 0.482  | 0.1        | 0.21   | 20    |
| Vinyl Chloride                 | 0.483 | 0.438  |            | -9.32  | 20    |
| Bromomethane                   | 0.321 | 0.263  |            | -18.07 | 20    |
| Chloroethane                   | 0.282 | 0.258  |            | -8.51  | 20    |
| Trichlorofluoromethane         | 0.755 | 0.704  |            | -6.76  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.504 | 0.519  |            | 2.98   | 20    |
| 1,1-Dichloroethene             | 0.486 | 0.489  |            | 0.62   | 20    |
| Acetone                        | 0.262 | 0.268  |            | 2.29   | 20    |
| Carbon Disulfide               | 1.164 | 1.269  |            | 9.02   | 20    |
| Methyl tert-butyl Ether        | 1.666 | 1.802  |            | 8.16   | 20    |
| Methyl Acetate                 | 1.013 | 1.062  |            | 4.84   | 20    |
| Methylene Chloride             | 0.601 | 0.584  |            | -2.83  | 20    |
| trans-1,2-Dichloroethene       | 0.527 | 0.554  |            | 5.12   | 20    |
| 1,1-Dichloroethane             | 0.953 | 0.994  | 0.1        | 4.3    | 20    |
| Cyclohexane                    | 0.856 | 0.830  |            | -3.04  | 20    |
| 2-Butanone                     | 0.382 | 0.386  |            | 1.05   | 20    |
| Carbon Tetrachloride           | 0.455 | 0.529  |            | 16.26  | 20    |
| cis-1,2-Dichloroethene         | 0.620 | 0.683  |            | 10.16  | 20    |
| Bromochloromethane             | 0.406 | 0.400  |            | -1.48  | 20    |
| Chloroform                     | 0.962 | 1.046  |            | 8.73   | 20    |
| 1,1,1-Trichloroethane          | 0.843 | 0.935  |            | 10.91  | 20    |
| Methylcyclohexane              | 0.583 | 0.563  |            | -3.43  | 20    |
| Benzene                        | 1.375 | 1.492  |            | 8.51   | 20    |
| 1,2-Dichloroethane             | 0.490 | 0.498  |            | 1.63   | 20    |
| Trichloroethene                | 0.379 | 0.436  |            | 15.04  | 20    |
| 1,2-Dichloropropane            | 0.347 | 0.386  |            | 11.24  | 20    |
| Bromodichloromethane           | 0.438 | 0.540  |            | 23.29  | 20    |
| 4-Methyl-2-Pentanone           | 0.452 | 0.471  |            | 4.2    | 20    |
| Toluene                        | 0.871 | 0.982  |            | 12.74  | 20    |
| t-1,3-Dichloropropene          | 0.458 | 0.613  |            | 33.84  | 20    |
| cis-1,3-Dichloropropene        | 0.518 | 0.657  |            | 26.83  | 20    |
| 1,1,2-Trichloroethane          | 0.347 | 0.401  |            | 15.56  | 20    |
| 2-Hexanone                     | 0.339 | 0.356  |            | 5.01   | 20    |
| Dibromochloromethane           | 0.333 | 0.458  |            | 37.54  | 20    |
| 1,2-Dibromoethane              | 0.358 | 0.428  |            | 19.55  | 20    |
| Tetrachloroethene              | 0.383 | 0.405  |            | 5.74   | 20    |
| Chlorobenzene                  | 1.082 | 1.228  | 0.3        | 13.49  | 20    |
| Ethyl Benzene                  | 1.873 | 2.095  |            | 11.85  | 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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Heated Purge: (Y/N) N Init. Calib. Time(s): 10:37 13:21  
GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| m/p-Xylenes                 | 0.718 | 0.831  |            | 15.74  | 20    |
| o-Xylene                    | 0.704 | 0.824  |            | 17.05  | 20    |
| Styrene                     | 1.141 | 1.378  |            | 20.77  | 20    |
| Bromoform                   | 0.262 | 0.397  | 0.1        | 51.53  | 20    |
| Isopropylbenzene            | 3.655 | 4.142  |            | 13.32  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.134 | 1.318  | 0.3        | 16.23  | 20    |
| 1,3-Dichlorobenzene         | 1.727 | 2.035  |            | 17.83  | 20    |
| 1,4-Dichlorobenzene         | 1.810 | 2.071  |            | 14.42  | 20    |
| 1,2-Dichlorobenzene         | 1.727 | 2.019  |            | 16.91  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.227 | 0.276  |            | 21.59  | 20    |
| 1,2,4-Trichlorobenzene      | 1.085 | 1.290  |            | 18.89  | 20    |
| 1,2,3-Trichlorobenzene      | 1.093 | 1.249  |            | 14.27  | 20    |
| 1,2-Dichloroethane-d4       | 0.603 | 0.520  |            | -13.77 | 20    |
| Dibromofluoromethane        | 0.307 | 0.319  |            | 3.91   | 20    |
| Toluene-d8                  | 1.158 | 1.110  |            | -4.14  | 20    |
| 4-Bromofluorobenzene        | 0.435 | 0.439  |            | 0.92   | 20    |

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