

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: MSVOA\_Y Calibration Date/Time: 04/29/2025 09:28

Lab File ID: VY022046.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 0.426 | 0.371  |            | -12.91 | 20    |
| Chloromethane                  | 0.607 | 0.532  | 0.1        | -12.36 | 20    |
| Vinyl Chloride                 | 0.745 | 0.666  |            | -10.6  | 20    |
| Bromomethane                   | 0.642 | 0.514  |            | -19.94 | 20    |
| Chloroethane                   | 0.508 | 0.429  |            | -15.55 | 20    |
| Tetrahydrofuran                | 0.068 | 0.063  |            | -7.35  | 20    |
| Trichlorofluoromethane         | 0.983 | 0.856  |            | -12.92 | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.533 | 0.466  |            | -12.57 | 20    |
| 1,1-Dichloroethene             | 0.497 | 0.442  |            | -11.07 | 20    |
| Acrylonitrile                  | 0.094 | 0.084  |            | -10.64 | 20    |
| Acetone                        | 0.070 | 0.065  |            | -7.14  | 20    |
| Carbon Disulfide               | 1.585 | 1.366  |            | -13.82 | 20    |
| Methyl tert-butyl Ether        | 1.113 | 1.008  |            | -9.43  | 20    |
| Methylene Chloride             | 0.584 | 0.468  |            | -19.86 | 20    |
| trans-1,2-Dichloroethene       | 0.557 | 0.489  |            | -12.21 | 20    |
| 1,1-Dichloroethane             | 0.893 | 0.776  | 0.1        | -13.1  | 20    |
| 2-Butanone                     | 0.105 | 0.098  |            | -6.67  | 20    |
| Carbon Tetrachloride           | 0.530 | 0.509  |            | -3.96  | 20    |
| 2,2-Dichloropropane            | 0.782 | 0.709  |            | -9.34  | 20    |
| cis-1,2-Dichloroethene         | 0.622 | 0.558  |            | -10.29 | 20    |
| Chloroform                     | 0.990 | 0.877  |            | -11.41 | 20    |
| 1,1,1-Trichloroethane          | 0.896 | 0.789  |            | -11.94 | 20    |
| 1,1-Dichloropropene            | 0.444 | 0.412  |            | -7.21  | 20    |
| Benzene                        | 1.387 | 1.301  |            | -6.2   | 20    |
| 1,2-Dichloroethane             | 0.343 | 0.319  |            | -7     | 20    |
| Trichloroethene                | 0.384 | 0.360  |            | -6.25  | 20    |
| 1,2-Dichloropropane            | 0.307 | 0.287  |            | -6.51  | 20    |
| Dibromomethane                 | 0.192 | 0.181  |            | -5.73  | 20    |
| Bromodichloromethane           | 0.480 | 0.457  |            | -4.79  | 20    |
| 4-Methyl-2-Pentanone           | 0.160 | 0.161  |            | 0.63   | 20    |
| Toluene                        | 0.898 | 0.870  |            | -3.12  | 20    |
| t-1,3-Dichloropropene          | 0.411 | 0.393  |            | -4.38  | 20    |
| cis-1,3-Dichloropropene        | 0.489 | 0.462  |            | -5.52  | 20    |
| 1,1,2-Trichloroethane          | 0.256 | 0.247  |            | -3.52  | 20    |
| 1,3-Dichloropropane            | 0.411 | 0.395  |            | -3.89  | 20    |
| 2-Hexanone                     | 0.106 | 0.109  |            | 2.83   | 20    |
| Dibromochloromethane           | 0.355 | 0.349  |            | -1.69  | 20    |
| 1,2-Dibromoethane              | 0.242 | 0.236  |            | -2.48  | 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 RRF | %D     | MAX%D |
|-----------------------------|-------|--------|---------|--------|-------|
| Tetrachloroethene           | 0.472 | 0.449  |         | -4.87  | 20    |
| Chlorobenzene               | 1.118 | 1.034  | 0.3     | -7.51  | 20    |
| 1,1,1,2-Tetrachloroethane   | 0.394 | 0.367  |         | -6.85  | 20    |
| Ethyl Benzene               | 1.829 | 1.744  |         | -4.65  | 20    |
| m/p-Xylenes                 | 0.728 | 0.712  |         | -2.2   | 20    |
| o-Xylene                    | 0.671 | 0.649  |         | -3.28  | 20    |
| Styrene                     | 1.126 | 1.110  |         | -1.42  | 20    |
| Bromoform                   | 0.229 | 0.224  | 0.1     | -2.18  | 20    |
| Isopropylbenzene            | 3.341 | 3.152  |         | -5.66  | 20    |
| 1,1,2,2-Tetrachloroethane   | 0.563 | 0.517  | 0.3     | -8.17  | 20    |
| 1,2,3-Trichloropropane      | 0.428 | 0.403  |         | -5.84  | 20    |
| Bromobenzene                | 0.844 | 0.794  |         | -5.92  | 20    |
| n-propylbenzene             | 3.978 | 3.763  |         | -5.41  | 20    |
| 2-Chlorotoluene             | 2.314 | 2.139  |         | -7.56  | 20    |
| 1,3,5-Trimethylbenzene      | 2.752 | 2.633  |         | -4.32  | 20    |
| 4-Chlorotoluene             | 2.405 | 2.260  |         | -6.03  | 20    |
| tert-Butylbenzene           | 2.469 | 2.334  |         | -5.47  | 20    |
| 1,2,4-Trimethylbenzene      | 2.753 | 2.637  |         | -4.21  | 20    |
| sec-Butylbenzene            | 3.612 | 3.431  |         | -5.01  | 20    |
| p-Isopropyltoluene          | 3.067 | 2.964  |         | -3.36  | 20    |
| 1,3-Dichlorobenzene         | 1.714 | 1.588  |         | -7.35  | 20    |
| 1,4-Dichlorobenzene         | 1.698 | 1.573  |         | -7.36  | 20    |
| n-Butylbenzene              | 2.742 | 2.563  |         | -6.53  | 20    |
| 1,2-Dichlorobenzene         | 1.495 | 1.376  |         | -7.96  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.090 | 0.080  |         | -11.11 | 20    |
| 1,2,4-Trichlorobenzene      | 0.847 | 0.803  |         | -5.2   | 20    |
| Hexachlorobutadiene         | 0.521 | 0.484  |         | -7.1   | 20    |
| 1,2,3-Trichlorobenzene      | 0.731 | 0.700  |         | -4.24  | 20    |
| 1,2-Dichloroethane-d4       | 0.462 | 0.402  |         | -12.99 | 20    |
| Dibromofluoromethane        | 0.330 | 0.314  |         | -4.85  | 20    |
| Toluene-d8                  | 1.245 | 1.202  |         | -3.45  | 20    |
| 4-Bromofluorobenzene        | 0.419 | 0.404  |         | -3.58  | 20    |
| trans-1,4-Dichloro-2-butene | 0.178 | 0.163  |         | -8.43  | 20    |

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