284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5281 SAS No.: P5281 SDG No.: P5281

Instrument ID: MSVOA_X Calibration Date/Time: 12/20/2024 19:49

Lab File ID: VX044464.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.773 | 0.744 | | -3.75 | 50 |
| Chloromethane | 0.739 | 0.696 | 0.1 | -5.82 | 50 |
| Vinyl Chloride | 0.770 | 0.730 | | -5.2 | 50 |
| Bromomethane | 0.546 | 0.498 | | -8.79 | 50 |
| Chloroethane | 0.480 | 0.507 | | 5.63 | 50 |
| Trichlorofluoromethane | 1.508 | 1.202 | | -20.29 | 50 |
| 1,1,2-Trichlorotrifluoroethane | 0.610 | 0.590 | | -3.28 | 50 |
| 1,1-Dichloroethene | 0.560 | 0.560 | | 0 | 50 |
| Acetone | 0.357 | 0.270 | | -24.37 | 50 |
| Carbon Disulfide | 1.065 | 1.089 | | 2.25 | 50 |
| Methyl tert-butyl Ether | 2.187 | 1.972 | | -9.83 | 50 |
| Methyl Acetate | 0.922 | 0.860 | | -6.72 | 50 |
| Methylene Chloride | 0.671 | 0.636 | | -5.22 | 50 |
| trans-1,2-Dichloroethene | 0.596 | 0.578 | | -3.02 | 50 |
| 1,1-Dichloroethane | 1.172 | 1.125 | 0.1 | -4.01 | 50 |
| Cyclohexane | 0.946 | 0.871 | | -7.93 | 50 |
| 2-Butanone | 0.508 | 0.433 | | -14.76 | 50 |
| Carbon Tetrachloride | 0.482 | 0.495 | | 2.7 | 50 |
| cis-1,2-Dichloroethene | 0.756 | 0.719 | | -4.89 | 50 |
| Bromochloromethane | 0.575 | 0.510 | | -11.3 | 50 |
| Chloroform | 1.316 | 1.190 | | -9.57 | 50 |
| 1,1,1-Trichloroethane | 1.093 | 1.029 | | -5.86 | 50 |
| Methylcyclohexane | 0.535 | 0.550 | | 2.8 | 50 |
| Benzene | 1.359 | 1.393 | | 2.5 | 50 |
| 1,2-Dichloroethane | 0.560 | 0.534 | | -4.64 | 50 |
| Trichloroethene | 0.339 | 0.360 | | 6.2 | 50 |
| 1,2-Dichloropropane | 0.347 | 0.345 | | -0.58 | 50 |
| Bromodichloromethane | 0.465 | 0.491 | | 5.59 | 50 |
| 4-Methyl-2-Pentanone | 0.556 | 0.524 | | -5.76 | 50 |
| Toluene | 0.853 | 0.855 | | 0.23 | 50 |
| t-1,3-Dichloropropene | 0.455 | 0.482 | | 5.93 | 50 |
| cis-1,3-Dichloropropene | 0.507 | 0.531 | | 4.73 | 50 |
| 1,1,2-Trichloroethane | 0.339 | 0.345 | | 1.77 | 50 |
| 2-Hexanone | 0.403 | 0.381 | | -5.46 | 50 |
| Dibromochloromethane | 0.326 | 0.361 | | 10.74 | 50 |
| 1,2-Dibromoethane | 0.345 | 0.366 | | 6.09 | 50 |
| Tetrachloroethene | 0.332 | 0.343 | | 3.31 | 50 |
| Chlorobenzene | 1.071 | 1.094 | 0.3 | 2.15 | 50 |

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 | 1.851 | 1.868 | | 0.92 | 50 |
| m/p-Xylenes | 0.679 | 0.713 | | 5.01 | 50 |
| o-Xylene | 0.687 | 0.708 | | 3.06 | 50 |
| Styrene | 1.102 | 1.163 | | 5.53 | 50 |
| Bromoform | 0.219 | 0.251 | 0.1 | 14.61 | 50 |
| Isopropylbenzene | 3.828 | 3.829 | | 0.03 | 50 |
| 1,1,2,2-Tetrachloroethane | 1.329 | 1.278 | 0.3 | -3.84 | 50 |
| 1,3-Dichlorobenzene | 1.621 | 1.669 | | 2.96 | 50 |
| 1,4-Dichlorobenzene | 1.667 | 1.653 | | -0.84 | 50 |
| 1,2-Dichlorobenzene | 1.684 | 1.709 | | 1.49 | 50 |
| 1,2-Dibromo-3-Chloropropane | 0.258 | 0.238 | | -7.75 | 50 |
| 1,2,4-Trichlorobenzene | 0.923 | 1.000 | | 8.34 | 50 |
| 1,2,3-Trichlorobenzene | 0.979 | 1.036 | | 5.82 | 50 |
| 1,2-Dichloroethane-d4 | 0.877 | 0.778 | | -11.29 | 50 |
| Dibromofluoromethane | 0.346 | 0.363 | | 4.91 | 50 |
| Toluene-d8 | 1.168 | 1.213 | | 3.85 | 50 |
| 4-Bromofluorobenzene | 0.408 | 0.418 | | 2.45 | 50 |

All other compounds must meet a minimum RRF of 0.010.
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