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

# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 19:40
Lab File ID: VX048124.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.518 | 0.617 | | 19.11 | 50 |
| Chloromethane | 0.680 | 0.743 | 0.1 | 9.27 | 50 |
| Vinyl Chloride | 0.666 | 0.797 | | 19.67 | 50 |
| Bromomethane | 0.422 | 0.510 | | 20.85 | 50 |
| Chloroethane | 0.445 | 0.508 | | 14.16 | 50 |
| Trichlorofluoromethane | 0.989 | 1.152 | | 16.48 | 50 |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.650 | | 12.46 | 50 |
| 1,1-Dichloroethene | 0.594 | 0.679 | | 14.31 | 50 |
| Acetone | 0.346 | 0.280 | | -19.08 | 50 |
| Carbon Disulfide | 1.626 | 1.966 | | 20.91 | 50 |
| Methyl tert-butyl Ether | 2.169 | 2.347 | | 8.21 | 50 |
| Methyl Acetate | 0.770 | 0.721 | | -6.36 | 50 |
| Methylene Chloride | 0.732 | 0.826 | | 12.84 | 50 |
| trans-1,2-Dichloroethene | 0.640 | 0.741 | | 15.78 | 50 |
| 1,1-Dichloroethane | 1.263 | 1.427 | 0.1 | 12.98 | 50 |
| Cyclohexane | 1.052 | 1.175 | | 11.69 | 50 |
| 2-Butanone | 0.432 | 0.424 | | -1.85 | 50 |
| Carbon Tetrachloride | 0.532 | 0.566 | | 6.39 | 50 |
| cis-1,2-Dichloroethene | 0.783 | 0.891 | | 13.79 | 50 |
| Bromochloromethane | 0.551 | 0.649 | | 17.79 | 50 |
| Chloroform | 1.276 | 1.469 | | 15.13 | 50 |
| 1,1,1-Trichloroethane | 1.082 | 1.227 | | 13.4 | 50 |
| Methylcyclohexane | 0.556 | 0.594 | | 6.84 | 50 |
| Benzene | 1.488 | 1.653 | | 11.09 | 50 |
| 1,2-Dichloroethane | 0.566 | 0.617 | | 9.01 | 50 |
| Trichloroethene | 0.360 | 0.392 | | 8.89 | 50 |
| 1,2-Dichloropropane | 0.381 | 0.421 | | 10.5 | 50 |
| Bromodichloromethane | 0.572 | 0.631 | | 10.31 | 50 |
| 4-Methyl-2-Pentanone | 0.477 | 0.494 | | 3.56 | 50 |
| Toluene | 0.917 | 1.029 | | 12.21 | 50 |
| t-1,3-Dichloropropene | 0.584 | 0.624 | | 6.85 | 50 |
| cis-1,3-Dichloropropene | 0.624 | 0.688 | | 10.26 | 50 |
| 1,1,2-Trichloroethane | 0.354 | 0.387 | | 9.32 | 50 |
| 2-Hexanone | 0.343 | 0.337 | | -1.75 | 50 |
| Dibromochloromethane | 0.407 | 0.467 | | 14.74 | 50 |
| 1,2-Dibromoethane | 0.360 | 0.412 | | 14.44 | 50 |
| Tetrachloroethene | 0.326 | 0.347 | | 6.44 | 50 |
| Chlorobenzene | 1.136 | 1.198 | 0.3 | 5.46 | 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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| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.960 | 2.041 | | 4.13 | 50 |
| m/p-Xylenes | 0.729 | 0.782 | | 7.27 | 50 |
| o-Xylene | 0.706 | 0.740 | | 4.82 | 50 |
| Styrene | 1.236 | 1.307 | | 5.74 | 50 |
| Bromoform | 0.293 | 0.299 | 0.1 | 2.05 | 50 |
| Isopropylbenzene | 3.801 | 3.460 | | -8.97 | 50 |
| 1,1,2,2-Tetrachloroethane | 1.150 | 1.042 | 0.3 | -9.39 | 50 |
| 1,3-Dichlorobenzene | 1.739 | 1.598 | | -8.11 | 50 |
| 1,4-Dichlorobenzene | 1.785 | 1.614 | | -9.58 | 50 |
| 1,2-Dichlorobenzene | 1.657 | 1.535 | | -7.36 | 50 |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.200 | | -14.16 | 50 |
| 1,2,4-Trichlorobenzene | 1.077 | 0.936 | | -13.09 | 50 |
| 1,2,3-Trichlorobenzene | 1.002 | 0.875 | | -12.68 | 50 |
| 1,2-Dichloroethane-d4 | 0.796 | 0.857 | | 7.66 | 50 |
| Dibromofluoromethane | 0.335 | 0.345 | | 2.98 | 50 |
| Toluene-d8 | 1.160 | 1.159 | | -0.09 | 50 |
| 4-Bromofluorobenzene | 0.440 | 0.478 | | 8.64 | 50 |

All other compounds must meet a minimum RRF of 0.010.
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