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

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: P4615 SAS No.: P4615 SDG No.: P4615

Instrument ID: MSVOA_X Calibration Date/Time: 10/30/2024 09:26

Lab File ID: VX043610.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.535 | 0.477 | | -10.8 | 20 |
| Chloromethane | 0.684 | 0.584 | 0.1 | -14.6 | 20 |
| Vinyl Chloride | 0.634 | 0.571 | | -10 | 20 |
| Bromomethane | 0.259 | 0.237 | | -8.5 | 20 |
| Chloroethane | 0.223 | 0.203 | | -9.1 | 20 |
| Trichlorofluoromethane | 0.775 | 0.698 | | -10 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.524 | 0.507 | | -3.3 | 20 |
| 1,1-Dichloroethene | 0.536 | 0.501 | | -6.4 | 20 |
| Acetone | 0.317 | 0.343 | | 8.3 | 20 |
| Carbon Disulfide | 1.120 | 0.957 | | -14.6 | 20 |
| Methyl tert-butyl Ether | 2.037 | 1.972 | | -3.2 | 20 |
| Methyl Acetate | 0.925 | 0.882 | | -4.7 | 20 |
| Methylene Chloride | 0.682 | 0.636 | | -6.7 | 20 |
| trans-1,2-Dichloroethene | 0.566 | 0.534 | | -5.7 | 20 |
| 1,1-Dichloroethane | 1.101 | 1.028 | 0.1 | -6.5 | 20 |
| Cyclohexane | 0.842 | 0.762 | | -9.5 | 20 |
| 2-Butanone | 0.462 | 0.468 | | 1.3 | 20 |
| Carbon Tetrachloride | 0.444 | 0.405 | | -8.8 | 20 |
| cis-1,2-Dichloroethene | 0.723 | 0.716 | | -1 | 20 |
| Bromochloromethane | 0.524 | 0.533 | | 1.8 | 20 |
| Chloroform | 1.154 | 1.104 | | -4.3 | 20 |
| 1,1,1-Trichloroethane | 0.969 | 0.886 | | -8.6 | 20 |
| Methylcyclohexane | 0.499 | 0.481 | | -3.7 | 20 |
| Benzene | 1.341 | 1.280 | | -4.5 | 20 |
| 1,2-Dichloroethane | 0.482 | 0.451 | | -6.5 | 20 |
| Trichloroethene | 0.333 | 0.323 | | -3 | 20 |
| 1,2-Dichloropropane | 0.330 | 0.318 | | -3.7 | 20 |
| Bromodichloromethane | 0.446 | 0.457 | | 2.5 | 20 |
| 4-Methyl-2-Pentanone | 0.492 | 0.488 | | -0.8 | 20 |
| Toluene | 0.813 | 0.812 | | -0.2 | 20 |
| t-1,3-Dichloropropene | 0.479 | 0.489 | | 2 | 20 |
| cis-1,3-Dichloropropene | 0.510 | 0.524 | | 2.7 | 20 |
| 1,1,2-Trichloroethane | 0.339 | 0.347 | | 2.5 | 20 |
| 2-Hexanone | 0.374 | 0.373 | | -0.1 | 20 |
| Dibromochloromethane | 0.335 | 0.357 | | 6.6 | 20 |
| 1,2-Dibromoethane | 0.351 | 0.354 | | 0.6 | 20 |
| Tetrachloroethene | 0.314 | 0.299 | | -5 | 20 |
| Chlorobenzene | 1.076 | 1.032 | 0.3 | -4 | 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 |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.754 | 1.649 | | -6 | 20 |
| m/p-Xylenes | 0.671 | 0.654 | | -2.6 | 20 |
| o-Xylene | 0.674 | 0.664 | | -1.4 | 20 |
| Styrene | 1.120 | 1.140 | | 1.8 | 20 |
| Bromoform | 0.253 | 0.264 | 0.1 | 4.7 | 20 |
| Isopropylbenzene | 3.542 | 3.300 | | -6.8 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.274 | 1.220 | 0.3 | -4.2 | 20 |
| 1,3-Dichlorobenzene | 1.639 | 1.625 | | -0.8 | 20 |
| 1,4-Dichlorobenzene | 1.699 | 1.622 | | -4.5 | 20 |
| 1,2-Dichlorobenzene | 1.676 | 1.677 | | 0.1 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.260 | 0.246 | | -5.1 | 20 |
| 1,2,4-Trichlorobenzene | 1.017 | 1.063 | | 4.5 | 20 |
| 1,2,3-Trichlorobenzene | 1.073 | 1.092 | | 1.8 | 20 |
| 1,2-Dichloroethane-d4 | 0.797 | 0.748 | | -6.2 | 20 |
| Dibromofluoromethane | 0.339 | 0.352 | | 3.9 | 20 |
| Toluene-d8 | 1.174 | 1.213 | | 3.4 | 20 |
| 4-Bromofluorobenzene | 0.435 | 0.462 | | 6.1 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.