

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2964</u>                 |
| Instrument ID:      | <u>MSVOA_N</u>    | Calibration Date/Time: | <u>08/28/2025 11:33</u>      |
| Lab File ID:        | <u>VN087676.D</u> | Init. Calib. Date(s):  | <u>08/21/2025 08/21/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:09 14:44</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 0.710 | 0.787  |            | 10.85  | 20    |
| Chloromethane                  | 0.730 | 0.784  | 0.1        | 7.4    | 20    |
| Vinyl Chloride                 | 0.846 | 0.895  |            | 5.79   | 20    |
| Bromomethane                   | 0.437 | 0.445  |            | 1.83   | 20    |
| Chloroethane                   | 0.595 | 0.615  |            | 3.36   | 20    |
| Trichlorofluoromethane         | 1.240 | 1.363  |            | 9.92   | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.701 | 0.722  |            | 3      | 20    |
| 1,1-Dichloroethene             | 0.721 | 0.723  |            | 0.28   | 20    |
| Acetone                        | 0.558 | 0.490  |            | -12.19 | 20    |
| Carbon Disulfide               | 1.985 | 1.917  |            | -3.43  | 20    |
| Methyl tert-butyl Ether        | 2.704 | 2.738  |            | 1.26   | 20    |
| Methyl Acetate                 | 1.168 | 1.310  |            | 12.16  | 20    |
| Methylene Chloride             | 0.948 | 0.824  |            | -13.08 | 20    |
| trans-1,2-Dichloroethene       | 0.781 | 0.749  |            | -4.1   | 20    |
| 1,1-Dichloroethane             | 1.546 | 1.521  | 0.1        | -1.62  | 20    |
| Cyclohexane                    | 1.289 | 1.258  |            | -2.4   | 20    |
| 2-Butanone                     | 0.734 | 0.708  |            | -3.54  | 20    |
| Carbon Tetrachloride           | 0.547 | 0.582  |            | 6.4    | 20    |
| cis-1,2-Dichloroethene         | 0.934 | 0.914  |            | -2.14  | 20    |
| Bromochloromethane             | 0.747 | 0.756  |            | 1.21   | 20    |
| Chloroform                     | 1.578 | 1.618  |            | 2.54   | 20    |
| 1,1,1-Trichloroethane          | 1.337 | 1.361  |            | 1.79   | 20    |
| Methylcyclohexane              | 0.610 | 0.595  |            | -2.46  | 20    |
| Benzene                        | 1.699 | 1.741  |            | 2.47   | 20    |
| 1,2-Dichloroethane             | 0.653 | 0.669  |            | 2.45   | 20    |
| Trichloroethene                | 0.388 | 0.381  |            | -1.8   | 20    |
| 1,2-Dichloropropane            | 0.448 | 0.442  |            | -1.34  | 20    |
| Bromodichloromethane           | 0.653 | 0.672  |            | 2.91   | 20    |
| 4-Methyl-2-Pentanone           | 0.713 | 0.762  |            | 6.87   | 20    |
| Toluene                        | 1.053 | 1.088  |            | 3.32   | 20    |
| t-1,3-Dichloropropene          | 0.676 | 0.619  |            | -8.43  | 20    |
| cis-1,3-Dichloropropene        | 0.702 | 0.647  |            | -7.84  | 20    |
| 1,1,2-Trichloroethane          | 0.407 | 0.421  |            | 3.44   | 20    |
| 2-Hexanone                     | 0.451 | 0.516  |            | 14.41  | 20    |
| Dibromochloromethane           | 0.472 | 0.483  |            | 2.33   | 20    |
| 1,2-Dibromoethane              | 0.430 | 0.437  |            | 1.63   | 20    |
| Tetrachloroethene              | 0.347 | 0.359  |            | 3.46   | 20    |
| Chlorobenzene                  | 1.244 | 1.243  | 0.3        | -0.08  | 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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| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 2.154 | 2.227  |            | 3.39  | 20    |
| m/p-Xylenes                 | 0.790 | 0.822  |            | 4.05  | 20    |
| o-Xylene                    | 0.774 | 0.802  |            | 3.62  | 20    |
| Styrene                     | 1.297 | 1.409  |            | 8.64  | 20    |
| Bromoform                   | 0.317 | 0.333  | 0.1        | 5.05  | 20    |
| Isopropylbenzene            | 4.040 | 4.142  |            | 2.53  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.391 | 1.429  | 0.3        | 2.73  | 20    |
| 1,3-Dichlorobenzene         | 1.876 | 1.887  |            | 0.59  | 20    |
| 1,4-Dichlorobenzene         | 1.952 | 1.924  |            | -1.43 | 20    |
| 1,2-Dichlorobenzene         | 1.780 | 1.815  |            | 1.97  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.330 | 0.323  |            | -2.12 | 20    |
| 1,2,4-Trichlorobenzene      | 1.069 | 1.042  |            | -2.53 | 20    |
| 1,2,3-Trichlorobenzene      | 1.045 | 1.021  |            | -2.3  | 20    |
| 1,2-Dichloroethane-d4       | 1.024 | 1.110  |            | 8.4   | 20    |
| Dibromofluoromethane        | 0.361 | 0.399  |            | 10.53 | 20    |
| Toluene-d8                  | 1.351 | 1.482  |            | 9.7   | 20    |
| 4-Bromofluorobenzene        | 0.481 | 0.534  |            | 11.02 | 20    |

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RRF of 1,4-Dioxane = Value should be divide by 1000.