

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>AECO15</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3127</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>09/25/2025 08:56</u>      |
| Lab File ID:        | <u>VX047795.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D    | MAX%D |
|--------------------------------|-------|--------|---------|-------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.627  |         | 21.04 | 20    |
| Chloromethane                  | 0.680 | 0.789  | 0.1     | 16.03 | 20    |
| Vinyl Chloride                 | 0.666 | 0.779  |         | 16.97 | 20    |
| Bromomethane                   | 0.422 | 0.471  |         | 11.61 | 20    |
| Chloroethane                   | 0.445 | 0.495  |         | 11.24 | 20    |
| Trichlorofluoromethane         | 0.989 | 1.083  |         | 9.51  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.618  |         | 6.92  | 20    |
| 1,1-Dichloroethene             | 0.594 | 0.663  |         | 11.62 | 20    |
| Acetone                        | 0.346 | 0.336  |         | -2.89 | 20    |
| Carbon Disulfide               | 1.626 | 1.765  |         | 8.55  | 20    |
| Methyl tert-butyl Ether        | 2.169 | 2.414  |         | 11.3  | 20    |
| Methyl Acetate                 | 0.770 | 0.985  |         | 27.92 | 20    |
| Methylene Chloride             | 0.732 | 0.817  |         | 11.61 | 20    |
| trans-1,2-Dichloroethene       | 0.640 | 0.703  |         | 9.84  | 20    |
| 1,1-Dichloroethane             | 1.263 | 1.370  | 0.1     | 8.47  | 20    |
| Cyclohexane                    | 1.052 | 1.056  |         | 0.38  | 20    |
| 2-Butanone                     | 0.432 | 0.496  |         | 14.81 | 20    |
| Carbon Tetrachloride           | 0.532 | 0.538  |         | 1.13  | 20    |
| cis-1,2-Dichloroethene         | 0.783 | 0.854  |         | 9.07  | 20    |
| Bromochloromethane             | 0.551 | 0.621  |         | 12.7  | 20    |
| Chloroform                     | 1.276 | 1.421  |         | 11.36 | 20    |
| 1,1,1-Trichloroethane          | 1.082 | 1.142  |         | 5.55  | 20    |
| Methylcyclohexane              | 0.556 | 0.530  |         | -4.68 | 20    |
| Benzene                        | 1.488 | 1.598  |         | 7.39  | 20    |
| 1,2-Dichloroethane             | 0.566 | 0.594  |         | 4.95  | 20    |
| Trichloroethene                | 0.360 | 0.380  |         | 5.56  | 20    |
| 1,2-Dichloropropane            | 0.381 | 0.418  |         | 9.71  | 20    |
| Bromodichloromethane           | 0.572 | 0.613  |         | 7.17  | 20    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.566  |         | 18.66 | 20    |
| Toluene                        | 0.917 | 0.962  |         | 4.91  | 20    |
| t-1,3-Dichloropropene          | 0.584 | 0.544  |         | -6.85 | 20    |
| cis-1,3-Dichloropropene        | 0.624 | 0.601  |         | -3.69 | 20    |
| 1,1,2-Trichloroethane          | 0.354 | 0.390  |         | 10.17 | 20    |
| 2-Hexanone                     | 0.343 | 0.392  |         | 14.29 | 20    |
| Dibromochloromethane           | 0.407 | 0.449  |         | 10.32 | 20    |
| 1,2-Dibromoethane              | 0.360 | 0.409  |         | 13.61 | 20    |
| Tetrachloroethene              | 0.326 | 0.353  |         | 8.28  | 20    |
| Chlorobenzene                  | 1.136 | 1.192  | 0.3     | 4.93  | 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>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 2.012  |            | 2.65  | 20    |
| m/p-Xylenes                 | 0.729 | 0.757  |            | 3.84  | 20    |
| o-Xylene                    | 0.706 | 0.737  |            | 4.39  | 20    |
| Styrene                     | 1.236 | 1.303  |            | 5.42  | 20    |
| Bromoform                   | 0.293 | 0.318  | 0.1        | 8.53  | 20    |
| Isopropylbenzene            | 3.801 | 3.828  |            | 0.71  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.273  | 0.3        | 10.7  | 20    |
| 1,3-Dichlorobenzene         | 1.739 | 1.748  |            | 0.52  | 20    |
| 1,4-Dichlorobenzene         | 1.785 | 1.750  |            | -1.96 | 20    |
| 1,2-Dichlorobenzene         | 1.657 | 1.689  |            | 1.93  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.250  |            | 7.3   | 20    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.039  |            | -3.53 | 20    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.016  |            | 1.4   | 20    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.817  |            | 2.64  | 20    |
| Dibromofluoromethane        | 0.335 | 0.351  |            | 4.78  | 20    |
| Toluene-d8                  | 1.160 | 1.182  |            | 1.9   | 20    |
| 4-Bromofluorobenzene        | 0.440 | 0.443  |            | 0.68  | 20    |

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