

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Lab Name: <u>Alliance</u>                       | Contract: <u>FIRS02</u>                                  |
| Lab Code: <u>ACE</u>                            | SDG No.: <u>Q2815</u>                                    |
| Instrument ID: <u>MSVOA_X</u>                   | Calibration Date(s): <u>07/21/2025</u> <u>07/21/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                    | Calibration Time(s): <u>09:47</u> <u>11:32</u>           |
| GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                                                          |

| LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D<br>RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D |        |        |        |        |        |        |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| COMPOUND                                                                                                                                | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | RRF   | % RSD |
| Dichlorodifluoromethane                                                                                                                 | 0.516  | 0.640  | 0.610  | 0.768  | 0.721  | 0.729  | 0.664 | 14.1  |
| Chloromethane                                                                                                                           | 0.582  | 0.668  | 0.626  | 0.699  | 0.667  | 0.701  | 0.657 | 7     |
| Vinyl Chloride                                                                                                                          | 0.578  | 0.739  | 0.700  | 0.780  | 0.716  | 0.723  | 0.706 | 9.7   |
| Bromomethane                                                                                                                            |        | 0.408  | 0.400  | 0.448  | 0.353  | 0.309  | 0.384 | 14    |
| Chloroethane                                                                                                                            | 0.547  | 0.482  | 0.436  | 0.470  | 0.423  | 0.424  | 0.464 | 10.3  |
| Trichlorofluoromethane                                                                                                                  | 0.853  | 1.123  | 1.058  | 1.158  | 1.054  | 1.071  | 1.053 | 10.1  |
| 1,1,2-Trichlorotrifluoroethane                                                                                                          | 0.558  | 0.671  | 0.646  | 0.675  | 0.627  | 0.631  | 0.634 | 6.7   |
| 1,1-Dichloroethene                                                                                                                      | 0.553  | 0.659  | 0.635  | 0.674  | 0.624  | 0.625  | 0.628 | 6.7   |
| Acetone                                                                                                                                 | 0.268  | 0.267  | 0.246  | 0.252  | 0.232  | 0.231  | 0.250 | 6.5   |
| Carbon Disulfide                                                                                                                        | 1.633  | 1.926  | 1.823  | 1.936  | 1.783  | 1.805  | 1.818 | 6.1   |
| Methyl tert-butyl Ether                                                                                                                 | 1.640  | 2.011  | 1.960  | 2.055  | 1.891  | 1.916  | 1.912 | 7.6   |
| Methyl Acetate                                                                                                                          | 0.657  | 0.686  | 0.636  | 0.688  | 0.651  | 0.662  | 0.663 | 3.1   |
| Methylene Chloride                                                                                                                      | 0.635  | 0.751  | 0.708  | 0.722  | 0.653  | 0.651  | 0.686 | 6.8   |
| trans-1,2-Dichloroethene                                                                                                                | 0.531  | 0.701  | 0.667  | 0.695  | 0.632  | 0.632  | 0.643 | 9.7   |
| 1,1-Dichloroethane                                                                                                                      | 1.044  | 1.327  | 1.245  | 1.300  | 1.177  | 1.193  | 1.214 | 8.4   |
| Cyclohexane                                                                                                                             |        | 1.221  | 1.187  | 1.215  | 1.099  | 1.101  | 1.164 | 5.2   |
| 2-Butanone                                                                                                                              | 0.317  | 0.376  | 0.371  | 0.391  | 0.363  | 0.362  | 0.363 | 6.8   |
| Carbon Tetrachloride                                                                                                                    | 0.526  | 0.612  | 0.566  | 0.595  | 0.531  | 0.540  | 0.562 | 6.4   |
| cis-1,2-Dichloroethene                                                                                                                  | 0.670  | 0.832  | 0.777  | 0.807  | 0.739  | 0.744  | 0.761 | 7.6   |
| Bromochloromethane                                                                                                                      | 0.457  | 0.608  | 0.568  | 0.609  | 0.559  | 0.550  | 0.559 | 9.9   |
| Chloroform                                                                                                                              | 1.180  | 1.357  | 1.252  | 1.289  | 1.175  | 1.164  | 1.236 | 6.2   |
| 1,1,1-Trichloroethane                                                                                                                   | 0.961  | 1.156  | 1.101  | 1.127  | 1.041  | 1.057  | 1.074 | 6.5   |
| Methylcyclohexane                                                                                                                       | 0.583  | 0.693  | 0.674  | 0.699  | 0.640  | 0.653  | 0.657 | 6.5   |
| Benzene                                                                                                                                 | 1.327  | 1.656  | 1.573  | 1.650  | 1.451  | 1.480  | 1.523 | 8.4   |
| 1,2-Dichloroethane                                                                                                                      | 0.468  | 0.587  | 0.558  | 0.576  | 0.512  | 0.517  | 0.536 | 8.5   |
| Trichloroethene                                                                                                                         | 0.350  | 0.427  | 0.392  | 0.420  | 0.371  | 0.383  | 0.391 | 7.5   |
| 1,2-Dichloropropane                                                                                                                     | 0.334  | 0.419  | 0.393  | 0.408  | 0.363  | 0.371  | 0.381 | 8.2   |
| Bromodichloromethane                                                                                                                    | 0.494  | 0.626  | 0.579  | 0.617  | 0.543  | 0.557  | 0.569 | 8.7   |
| 4-Methyl-2-Pentanone                                                                                                                    | 0.371  | 0.477  | 0.470  | 0.497  | 0.440  | 0.440  | 0.449 | 9.8   |
| Toluene                                                                                                                                 | 0.762  | 1.047  | 0.987  | 1.017  | 0.896  | 0.910  | 0.936 | 11.1  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG No.: Q2815

Instrument ID: MSVOA\_X

Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:47 11:32

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

| LAB FILE ID:                |        | RRF001 = VX047055.D |        | RRF005 = VX047056.D |        | RRF020 = VX047057.D |       |       |  |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                             |        | RRF050 = VX047058.D |        | RRF100 = VX047059.D |        | RRF150 = VX047060.D |       |       |  |
| COMPOUND                    | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |  |
| t-1,3-Dichloropropene       | 0.429  | 0.549               | 0.546  | 0.592               | 0.548  | 0.562               | 0.538 | 10.4  |  |
| cis-1,3-Dichloropropene     | 0.442  | 0.611               | 0.618  | 0.653               | 0.593  | 0.614               | 0.588 | 12.6  |  |
| 1,1,2-Trichloroethane       | 0.300  | 0.391               | 0.373  | 0.376               | 0.332  | 0.335               | 0.351 | 9.9   |  |
| 2-Hexanone                  | 0.192  | 0.312               | 0.324  | 0.343               | 0.305  | 0.304               | 0.297 | 17.9  |  |
| Dibromochloromethane        | 0.343  | 0.449               | 0.428  | 0.444               | 0.398  | 0.409               | 0.412 | 9.4   |  |
| 1,2-Dibromoethane           | 0.334  | 0.398               | 0.377  | 0.395               | 0.349  | 0.351               | 0.367 | 7.3   |  |
| Tetrachloroethene           | 0.322  | 0.403               | 0.381  | 0.376               | 0.337  | 0.344               | 0.360 | 8.6   |  |
| Chlorobenzene               | 1.029  | 1.295               | 1.225  | 1.231               | 1.114  | 1.135               | 1.171 | 8.2   |  |
| Ethyl Benzene               | 1.814  | 2.189               | 2.119  | 2.204               | 1.975  | 1.987               | 2.048 | 7.4   |  |
| m/p-Xylenes                 | 0.693  | 0.827               | 0.795  | 0.818               | 0.734  | 0.732               | 0.766 | 7.1   |  |
| o-Xylene                    | 0.586  | 0.820               | 0.769  | 0.785               | 0.704  | 0.711               | 0.729 | 11.4  |  |
| Styrene                     | 1.024  | 1.356               | 1.332  | 1.361               | 1.209  | 1.219               | 1.250 | 10.4  |  |
| Bromoform                   | 0.257  | 0.323               | 0.302  | 0.325               | 0.292  | 0.299               | 0.300 | 8.2   |  |
| Isopropylbenzene            | 3.180  | 4.148               | 4.146  | 4.309               | 3.907  | 3.979               | 3.945 | 10.2  |  |
| 1,1,2,2-Tetrachloroethane   | 0.979  | 1.203               | 1.182  | 1.210               | 1.085  | 1.103               | 1.127 | 7.9   |  |
| 1,3-Dichlorobenzene         | 1.562  | 1.968               | 1.869  | 1.908               | 1.704  | 1.776               | 1.798 | 8.3   |  |
| 1,4-Dichlorobenzene         | 1.659  | 1.982               | 1.903  | 1.893               | 1.723  | 1.767               | 1.821 | 6.8   |  |
| 1,2-Dichlorobenzene         | 1.533  | 1.873               | 1.764  | 1.824               | 1.625  | 1.691               | 1.718 | 7.4   |  |
| 1,2-Dibromo-3-Chloropropane | 0.140  | 0.223               | 0.223  | 0.239               | 0.231  | 0.242               | 0.216 | 17.6  |  |
| 1,2,4-Trichlorobenzene      | 0.919  | 1.189               | 1.159  | 1.224               | 1.144  | 1.176               | 1.135 | 9.6   |  |
| 1,2,3-Trichlorobenzene      | 0.925  | 1.120               | 1.117  | 1.172               | 1.102  | 1.126               | 1.094 | 7.9   |  |
| 1,2-Dichloroethane-d4       |        | 0.768               | 0.511  | 0.575               | 0.611  | 0.649               | 0.623 | 15.4  |  |
| Dibromofluoromethane        |        | 0.355               | 0.262  | 0.296               | 0.302  | 0.328               | 0.309 | 11.3  |  |
| Toluene-d8                  |        | 1.293               | 0.821  | 0.924               | 0.946  | 1.014               | 1.000 | 17.8  |  |
| 4-Bromofluorobenzene        |        | 0.514               | 0.369  | 0.409               | 0.417  | 0.445               | 0.431 | 12.5  |  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.