

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005

Lab Code: CHEM Case No.: N6070 SAS No.: N6070 SDG No.: N6070

Instrument ID: MSVOA\_X Calibration Date(s): 12/07/2022 12/07/2022

Heated Purge: (Y/N) N Calibration Time(s): 09:46 11:42

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

| LAB FILE ID:           |        | RRF001 = VX033273.D |        | RRF005 = VX033274.D |        | RRF020 = VX033275.D |       |       |
|------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                        |        | RRF050 = VX033276.D |        | RRF100 = VX033277.D |        | RRF150 = VX033278.D |       |       |
| COMPOUND               | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| Vinyl Chloride         | 0.507  | 0.456               | 0.514  | 0.427               | 0.429  | 0.434               | 0.461 | 8.6   |
| 1,1-Dichloroethene     | 0.442  | 0.467               | 0.505  | 0.422               | 0.439  | 0.445               | 0.453 | 6.4   |
| 1,1-Dichloroethane     | 0.880  | 0.899               | 1.006  | 0.844               | 0.851  | 0.987               | 0.911 | 7.6   |
| cis-1,2-Dichloroethene | 0.544  | 0.560               | 0.647  | 0.561               | 0.577  | 0.667               | 0.593 | 8.7   |
| 1,1,1-Trichloroethane  | 0.768  | 0.851               | 0.990  | 0.850               | 0.867  | 0.896               | 0.870 | 8.3   |
| Benzene                | 1.179  | 1.249               | 1.464  | 1.214               | 1.280  | 1.285               | 1.278 | 7.8   |
| 1,2-Dichloroethane     | 0.475  | 0.503               | 0.586  | 0.477               | 0.488  | 0.516               | 0.508 | 8.1   |
| Trichloroethene        | 0.321  | 0.337               | 0.410  | 0.338               | 0.361  | 0.348               | 0.352 | 8.8   |
| 1,1,2-Trichloroethane  | 0.322  | 0.322               | 0.387  | 0.333               | 0.350  | 0.369               | 0.347 | 7.6   |
| Tetrachloroethene      | 0.352  | 0.360               | 0.390  | 0.322               | 0.332  | 0.296               | 0.342 | 9.6   |
| 1,2-Dichloroethane-d4  |        | 0.378               | 0.324  | 0.288               | 0.279  | 0.336               | 0.321 | 12.4  |
| Dibromofluoromethane   |        | 0.251               | 0.234  | 0.204               | 0.210  | 0.226               | 0.225 | 8.4   |
| Toluene-d8             |        | 0.503               | 0.488  | 0.444               | 0.454  | 0.463               | 0.470 | 5.2   |
| 4-Bromofluorobenzene   |        | 0.341               | 0.382  | 0.353               | 0.356  | 0.366               | 0.360 | 4.3   |

\* 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.