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# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG No.: P5382

Instrument ID: MSVOA_Y Calibration Date(s): 12/26/2024 12/26/2024

Heated Purge: (Y/N) Y Calibration Time(s): 09:31 11:51

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY020706.D RRF010 = VY020707.D RRF020 = VY020708.D
RRF050 = VY020709.D RRF150 = VY020710.D RRF100 = VY020711.D

| COMPOUND | RRF005 | RRF010 | RRF020 | RRF050 | RRF150 | RRF100 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 0.419 | 0.460 | 0.426 | 0.462 | 0.432 | 0.447 | 0.441 | 4.1 |
| 1,1,1-Trichloroethane | 0.814 | 0.897 | 0.826 | 0.859 | 0.816 | 0.831 | 0.840 | 3.8 |
| Benzene | 0.969 | 1.104 | 1.040 | 1.089 | 1.041 | 1.083 | 1.054 | 4.7 |
| Trichloroethene | 0.288 | 0.336 | 0.315 | 0.324 | 0.309 | 0.317 | 0.315 | 5.1 |
| Toluene | 0.654 | 0.751 | 0.722 | 0.745 | 0.723 | 0.741 | 0.723 | 4.9 |
| Ethyl Benzene | 1.540 | 1.810 | 1.715 | 1.778 | 1.682 | 1.743 | 1.711 | 5.6 |
| m/p-Xylenes | 0.590 | 0.691 | 0.649 | 0.675 | 0.643 | 0.667 | 0.653 | 5.4 |
| o-Xylene | 0.552 | 0.666 | 0.639 | 0.650 | 0.603 | 0.632 | 0.624 | 6.6 |
| Isopropylbenzene | 3.123 | 3.801 | 3.508 | 3.476 | 3.402 | 3.474 | 3.464 | 6.3 |
| 1,2-Dichloroethane-d4 | 0.335 | 0.402 | 0.313 | 0.516 | 0.433 | 0.457 | 0.410 | 18.7 |
| Dibromofluoromethane | 0.235 | 0.274 | 0.232 | 0.319 | 0.284 | 0.307 | 0.275 | 13.1 |
| Toluene-d8 | 0.733 | 0.883 | 0.733 | 1.227 | 1.093 | 1.158 | 0.971 | 22.4 |
| 4-Bromofluorobenzene | 0.303 | 0.378 | 0.319 | 0.426 | 0.373 | 0.397 | 0.366 | 12.8 |

* 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.