# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046567.D
Acq On : 09 Jun 2025 09:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 10 01:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 85 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 0.694 | 0.612 | 11.8 | 81 | 0.00 |
| 3 | P | Chloromethane | 0.632 | 0.592 | 6.3 | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 0.630 | 0.587 | 6.8# | 84 | 0.00 |
| 5 | T | Bromomethane | 0.382 | 0.401 | -5.0 | 86 | 0.00 |
| 6 | T | Chloroethane | 0.409 | 0.392 | 4.2 | 90 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.042 | 1.013 | 2.8 | 85 | 0.00 |
| 8 | T | Diethyl Ether | 0.368 | 0.405 | -10.1 | 97 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.657 | 0.633 | 3.7 | 85 | 0.00 |
| 10 | T | Methyl Iodide | 0.712 | 0.828 | -16.3 | 99 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.099 | 0.083 | 16.2 | 73 | -0.01 |
| 12 | CM | 1,1-Dichloroethene | 0.594 | 0.583 | 1.9# | 88 | 0.00 |
| 13 | T | Acrolein | 0.103 | 0.110 | -6.8 | 83 | 0.00 |
| 14 | T | Allyl chloride | 1.166 | 1.225 | -5.1 | 93 | 0.00 |
| 15 | T | Acrylonitrile | 0.373 | 0.384 | -2.9 | 87 | 0.00 |
| 16 | T | Acetone | 0.381 | 0.315 | 17.3 | 79 | 0.00 |
| 17 | T | Carbon Disulfide | 1.481 | 1.250 | 15.6 | 88 | 0.00 |
| 18 | T | Methyl Acetate | 1.060 | 1.133 | -6.9 | 86 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 2.077 | 2.428 | -16.9 | 98 | -0.01 |
| 20 | T | Methylene Chloride | 0.714 | 0.747 | -4.6 | 96 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.628 | 0.618 | 1.6 | 91 | 0.00 |
| 22 | T | Diisopropyl ether | 2.298 | 2.677 | -16.5 | 98 | -0.01 |
| 23 | T | Vinyl Acetate | 1.775 | 2.042 | -15.0 | 95 | -0.01 |
| 24 | P | 1,1-Dichloroethane | 1.281 | 1.374 | -7.3 | 93 | -0.01 |
| 25 | T | 2-Butanone | 0.495 | 0.465 | 6.1 | 79 | -0.01 |
| 26 | T | 2,2-Dichloropropane | 0.951 | 1.061 | -11.6 | 94 | -0.01 |
| 27 | T | cis-1,2-Dichloroethene | 0.773 | 0.824 | -6.6 | 95 | -0.01 |
| 28 | T | Bromochloromethane | 0.611 | 0.667 | -9.2 | 97 | -0.01 |
| 29 | T | Tetrahydrofuran | 0.313 | 0.299 | 4.5 | 81 | -0.01 |
| 30 | C | Chloroform | 1.342 | 1.464 | -9.1# | 95 | -0.01 |
| 31 | T | Cyclohexane | 1.034 | 0.968 | 6.4 | 83 | -0.01 |
| 32 | T | 1,1,1-Trichloroethane | 1.148 | 1.195 | -4.1 | 89 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.890 | 0.848 | 4.7 | 83 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 87 | -0.01 |
| 35 | S | Dibromofluoromethane | 0.368 | 0.365 | 0.8 | 86 | -0.01 |
| 36 | T | 1,1-Dichloropropene | 0.525 | 0.489 | 6.9 | 87 | -0.02 |
| 37 | T | Ethyl Acetate | 0.513 | 0.534 | -4.1 | 83 | -0.01 |
| 38 | T | Carbon Tetrachloride | 0.588 | 0.587 | 0.2 | 90 | -0.01 |
| 39 | T | Methylcyclohexane | 0.620 | 0.575 | 7.3 | 87 | 0.00 |
| 40 | TM | Benzene | 1.479 | 1.539 | -4.1 | 93 | -0.01 |
| 41 | T | Methacrylonitrile | 0.318 | 0.326 | -2.5 | 87 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.615 | 0.661 | -7.5 | 94 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.894 | 0.944 | -5.6 | 88 | -0.01 |
| 44 | TM | Trichloroethene | 0.376 | 0.368 | 2.1 | 91 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.382 | 0.428 | -12.0# | 97 | 0.00 |
| 46 | T | Dibromomethane | 0.287 | 0.312 | -8.7 | 97 | 0.00 |
| 47 | T | Bromodichloromethane | 0.590 | 0.679 | -15.1 | 97 | 0.00 |
| 48 | T | Methyl methacrylate | 0.460 | 0.488 | -6.1 | 88 | -0.01 |

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ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 10 01:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.006 | 0.006 | 0.0 | 81 | -0.02 |
| 50 | S | Toluene-d8 | 1.212 | 1.141 | 5.9 | 83 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.568 | 0.566 | 0.4 | 83 | 0.00 |
| 52 | CM | Toluene | 0.908 | 0.963 | -6.1# | 94 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.529 | 0.646 | -22.1 | 103 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.589 | 0.677 | -14.9 | 99 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.365 | 0.416 | -14.0 | 98 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.561 | 0.632 | -12.7 | 94 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.644 | 0.711 | -10.4 | 97 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.306 | 0.326 | -6.5 | 89 | 0.00 |
| 59 | T | 2-Hexanone | 0.407 | 0.392 | 3.7 | 79 | 0.00 |
| 60 | T | Dibromochloromethane | 0.429 | 0.502 | -17.0 | 101 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.380 | 0.408 | -7.4 | 95 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.502 | 0.483 | 3.8 | 85 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 64 | T | Tetrachloroethene | 0.334 | 0.315 | 5.7 | 92 | 0.00 |
| 65 | PM | Chlorobenzene | 1.176 | 1.208 | -2.7 | 97 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.397 | 0.441 | -11.1 | 99 | 0.00 |
| 67 | C | Ethyl Benzene | 2.053 | 2.051 | 0.1# | 92 | 0.00 |
| 68 | T | m/p-Xylenes | 0.745 | 0.756 | -1.5 | 93 | 0.00 |
| 69 | T | o-Xylene | 0.720 | 0.756 | -5.0 | 95 | 0.00 |
| 70 | T | Styrene | 1.233 | 1.333 | -8.1 | 96 | 0.00 |
| 71 | P | Bromoform | 0.303 | 0.344 | -13.5 | 100 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 73 | T | Isopropylbenzene | 3.930 | 3.954 | -0.6 | 91 | 0.00 |
| 74 | T | N-amyl acetate | 1.731 | 1.778 | -2.7 | 89 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.258 | 1.279 | -1.7 | 92 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.059 | 1.082 | -2.2 | 93 | 0.00 |
| 77 | T | Bromobenzene | 0.912 | 0.974 | -6.8 | 100 | 0.00 |
| 78 | T | n-propylbenzene | 4.757 | 4.701 | 1.2 | 91 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.869 | 2.867 | 0.1 | 93 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.275 | 3.349 | -2.3 | 93 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.367 | 0.401 | -9.3 | 98 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.400 | 3.415 | -0.4 | 94 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.334 | 3.394 | -1.8 | 93 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.313 | 3.348 | -1.1 | 93 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.284 | 4.210 | 1.7 | 91 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.572 | 3.538 | 1.0 | 92 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.772 | 1.815 | -2.4 | 97 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.836 | 1.841 | -0.3 | 99 | 0.00 |
| 89 | T | n-Butylbenzene | 3.507 | 3.374 | 3.8 | 91 | 0.00 |
| 90 | T | Hexachloroethane | 0.635 | 0.632 | 0.5 | 94 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.710 | 1.816 | -6.2 | 100 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.282 | 0.272 | 3.5 | 86 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.167 | 1.205 | -3.3 | 101 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.542 | 0.505 | 6.8 | 91 | 0.00 |
| 95 | T | Naphthalene | 3.699 | 3.875 | -4.8 | 94 | 0.00 |

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|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.170 | 1.211 | -3.5 | 100 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6