# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
Data File : VX047229.D
Acq On : 05 Aug 2025 10:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 06 05:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.664 | 0.608 | 8.4 | 67 | 0.00 |
| 3 | P | Chloromethane | 0.657 | 0.539 | 18.0 | 65 | 0.00 |
| 4 | C | Vinyl Chloride | 0.706 | 0.662 | 6.2# | 72 | 0.00 |
| 5 | T | Bromomethane | 0.384 | 0.341 | 11.2 | 64 | 0.01 |
| 6 | T | Chloroethane | 0.464 | 0.391 | 15.7 | 70 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.053 | 1.023 | 2.8 | 75 | 0.00 |
| 8 | T | Diethyl Ether | 0.371 | 0.356 | 4.0 | 77 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.634 | 0.617 | 2.7 | 77 | 0.00 |
| 10 | T | Methyl Iodide | 0.647 | 0.924 | -42.8# | 107 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.080 | 0.059 | 26.3# | 68 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.628 | 0.575 | 8.4# | 72 | 0.00 |
| 13 | T | Acrolein | 0.134 | 0.121 | 9.7 | 74 | 0.00 |
| 14 | T | Allyl chloride | 1.136 | 1.002 | 11.8 | 68 | 0.00 |
| 15 | T | Acrylonitrile | 0.297 | 0.266 | 10.4 | 68 | 0.00 |
| 16 | T | Acetone | 0.250 | 0.239 | 4.4 | 80 | 0.00 |
| 17 | T | Carbon Disulfide | 1.818 | 1.445 | 20.5 | 63 | 0.00 |
| 18 | T | Methyl Acetate | 0.663 | 0.730 | -10.1 | 90 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.912 | 1.888 | 1.3 | 78 | 0.00 |
| 20 | T | Methylene Chloride | 0.686 | 0.643 | 6.3 | 75 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.643 | 0.602 | 6.4 | 73 | 0.00 |
| 22 | T | Diisopropyl ether | 2.184 | 2.218 | -1.6 | 79 | 0.00 |
| 23 | T | Vinyl Acetate | 1.752 | 1.678 | 4.2 | 73 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.214 | 1.190 | 2.0 | 77 | 0.00 |
| 25 | T | 2-Butanone | 0.363 | 0.316 | 12.9 | 68 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.940 | 0.962 | -2.3 | 83 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.761 | 0.745 | 2.1 | 78 | 0.00 |
| 28 | T | Bromochloromethane | 0.559 | 0.525 | 6.1 | 73 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.234 | 0.193 | 17.5 | 63 | 0.00 |
| 30 | C | Chloroform | 1.236 | 1.207 | 2.3# | 79 | 0.00 |
| 31 | T | Cyclohexane | 1.164 | 1.010 | 13.2 | 70 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.074 | 1.052 | 2.0 | 79 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.623 | 0.544 | 12.7 | 80 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.309 | 0.286 | 7.4 | 82 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.526 | 0.490 | 6.8 | 76 | 0.00 |
| 37 | T | Ethyl Acetate | 0.485 | 0.424 | 12.6 | 70 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.562 | 0.547 | 2.7 | 78 | 0.00 |
| 39 | T | Methylcyclohexane | 0.657 | 0.597 | 9.1 | 73 | 0.00 |
| 40 | TM | Benzene | 1.523 | 1.456 | 4.4 | 75 | 0.00 |
| 41 | T | Methacrylonitrile | 0.254 | 0.215 | 15.4 | 63 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.536 | 0.530 | 1.1 | 78 | -0.01 |
| 43 | T | Isopropyl Acetate | 0.756 | 0.719 | 4.9 | 72 | -0.01 |
| 44 | TM | Trichloroethene | 0.391 | 0.372 | 4.9 | 75 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.381 | 0.381 | 0.0 | 79 | 0.00 |
| 46 | T | Dibromomethane | 0.267 | 0.263 | 1.5 | 76 | 0.00 |
| 47 | T | Bromodichloromethane | 0.569 | 0.577 | -1.4 | 79 | 0.00 |
| 48 | T | Methyl methacrylate | 0.412 | 0.375 | 9.0 | 72 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
Data File : VX047229.D
Acq On : 05 Aug 2025 10:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 06 05:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.005 | 0.004 | 20.0 | 60 | 0.07 |
| 50 | S | Toluene-d8 | 1.000 | 0.836 | 16.4 | 77 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.449 | 0.405 | 9.8 | 69 | 0.00 |
| 52 | CM | Toluene | 0.936 | 0.919 | 1.8# | 77 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.538 | 0.545 | -1.3 | 78 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.588 | 0.602 | -2.4 | 78 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.351 | 0.350 | 0.3 | 79 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.520 | 0.527 | -1.3 | 75 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.610 | 0.598 | 2.0 | 78 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.289 | 0.263 | 9.0 | 69 | 0.00 |
| 59 | T | 2-Hexanone | 0.297 | 0.272 | 8.4 | 67 | 0.00 |
| 60 | T | Dibromochloromethane | 0.412 | 0.423 | -2.7 | 81 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.367 | 0.358 | 2.5 | 77 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.431 | 0.388 | 10.0 | 80 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 64 | T | Tetrachloroethene | 0.360 | 0.335 | 6.9 | 73 | 0.00 |
| 65 | PM | Chlorobenzene | 1.171 | 1.170 | 0.1 | 78 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.394 | 0.415 | -5.3 | 81 | 0.00 |
| 67 | C | Ethyl Benzene | 2.048 | 2.067 | -0.9# | 77 | 0.00 |
| 68 | T | m/p-Xylenes | 0.766 | 0.758 | 1.0 | 76 | 0.00 |
| 69 | T | o-Xylene | 0.729 | 0.743 | -1.9 | 78 | 0.00 |
| 70 | T | Styrene | 1.250 | 1.283 | -2.6 | 77 | 0.00 |
| 71 | P | Bromoform | 0.300 | 0.305 | -1.7 | 77 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 73 | T | Isopropylbenzene | 3.945 | 4.085 | -3.5 | 78 | 0.00 |
| 74 | T | N-amyl acetate | 1.592 | 1.504 | 5.5 | 70 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.127 | 1.097 | 2.7 | 75 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.925 | 0.904 | 2.3 | 75 | 0.00 |
| 77 | T | Bromobenzene | 0.946 | 0.963 | -1.8 | 78 | 0.00 |
| 78 | T | n-propylbenzene | 4.714 | 4.835 | -2.6 | 78 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.818 | 2.877 | -2.1 | 78 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.259 | 3.356 | -3.0 | 79 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.359 | 0.271 | 24.5 | 57 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.289 | 3.354 | -2.0 | 78 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.271 | 3.425 | -4.7 | 79 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.251 | 3.338 | -2.7 | 77 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.087 | 4.250 | -4.0 | 80 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.389 | 3.487 | -2.9 | 78 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.798 | 1.826 | -1.6 | 79 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.821 | 1.817 | 0.2 | 79 | 0.00 |
| 89 | T | n-Butylbenzene | 3.178 | 3.289 | -3.5 | 79 | 0.00 |
| 90 | T | Hexachloroethane | 0.606 | 0.642 | -5.9 | 81 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.718 | 1.719 | -0.1 | 78 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.216 | 0.207 | 4.2 | 71 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.135 | 1.170 | -3.1 | 79 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.386 | 0.388 | -0.5 | 79 | 0.00 |
| 95 | T | Naphthalene | 3.328 | 3.286 | 1.3 | 72 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
Data File : VX047229.D
Acq On : 05 Aug 2025 10:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 06 05:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.094 | 1.097 | -0.3 | 77 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 5