Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
Data File : VN087260.D
Acq On : 03 Jul 2025 10:50
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 04 01:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 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 | 177# | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.487 | 0.512 | -5.1 | 178# | 0.00 |
| 3 | P | Chloromethane | 0.395 | 0.392 | 0.8 | 176# | 0.00 |
| 4 | C | Vinyl Chloride | 0.486 | 0.486 | 0.0 | 176# | 0.00 |
| 5 | T | Bromomethane | 0.443 | 0.387 | 12.6 | 170# | 0.00 |
| 6 | T | Chloroethane | 0.385 | 0.375 | 2.6 | 173# | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.843 | 0.849 | -0.7 | 183# | 0.00 |
| 8 | T | Diethyl Ether | 0.269 | 0.275 | -2.2 | 177# | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.489 | 0.513 | -4.9 | 189# | 0.00 |
| 10 | T | Methyl Iodide | 0.486 | 0.496 | -2.1 | 166# | 0.00 |
| 11 | T | Tert butyl alcohol | 0.114 | 0.101 | 11.4 | 155# | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.465 | 0.468 | -0.6# | 178# | 0.00 |
| 13 | T | Acrolein | 0.079 | 0.120 | -51.9# | 281# | 0.00 |
| 14 | T | Allyl chloride | 0.570 | 0.560 | 1.8 | 175# | 0.00 |
| 15 | T | Acrylonitrile | 0.285 | 0.269 | 5.6 | 172# | 0.00 |
| 16 | T | Acetone | 0.240 | 0.245 | -2.1 | 191# | 0.00 |
| 17 | T | Carbon Disulfide | 1.395 | 1.333 | 4.4 | 178# | 0.00 |
| 18 | T | Methyl Acetate | 0.549 | 0.542 | 1.3 | 177# | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.629 | 1.608 | 1.3 | 177# | 0.00 |
| 20 | T | Methylene Chloride | 0.531 | 0.521 | 1.9 | 182# | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.562 | 0.542 | 3.6 | 180# | 0.00 |
| 22 | T | Diisopropyl ether | 1.364 | 1.333 | 2.3 | 175# | 0.00 |
| 23 | T | Vinyl Acetate | 1.262 | 1.222 | 3.2 | 170# | 0.00 |
| 24 | P | 1,1-Dichloroethane | 0.894 | 0.886 | 0.9 | 179# | 0.00 |
| 25 | T | 2-Butanone | 0.375 | 0.363 | 3.2 | 173# | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.855 | 0.860 | -0.6 | 184# | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.649 | 0.638 | 1.7 | 178# | 0.00 |
| 28 | T | Bromochloromethane | 0.395 | 0.412 | -4.3 | 181# | 0.00 |
| 29 | T | Tetrahydrofuran | 0.242 | 0.234 | 3.3 | 170# | 0.00 |
| 30 | C | Chloroform | 0.991 | 0.987 | 0.4# | 182# | 0.00 |
| 31 | T | Cyclohexane | 0.855 | 0.782 | 8.5 | 176# | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.923 | 0.911 | 1.3 | 181# | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.628 | 0.590 | 6.1 | 176# | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 177# | 0.00 |
| 35 | S | Dibromofluoromethane | 0.320 | 0.309 | 3.4 | 178# | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.435 | 0.429 | 1.4 | 178# | 0.00 |
| 37 | T | Ethyl Acetate | 0.468 | 0.436 | 6.8 | 166# | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.493 | 0.514 | -4.3 | 187# | 0.00 |
| 39 | T | Methylcyclohexane | 0.518 | 0.511 | 1.4 | 175# | 0.00 |
| 40 | TM | Benzene | 1.349 | 1.318 | 2.3 | 178# | 0.00 |
| 41 | T | Methacrylonitrile | 0.224 | 0.214 | 4.5 | 171# | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.449 | 0.443 | 1.3 | 177# | 0.00 |
| 43 | T | Isopropyl Acetate | 0.726 | 0.696 | 4.1 | 171# | 0.00 |
| 44 | TM | Trichloroethene | 0.358 | 0.351 | 2.0 | 179# | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.294 | 0.301 | -2.4# | 184# | 0.00 |
| 46 | T | Dibromomethane | 0.250 | 0.247 | 1.2 | 181# | 0.00 |
| 47 | T | Bromodichloromethane | 0.477 | 0.475 | 0.4 | 181# | 0.00 |
| 48 | T | Methyl methacrylate | 0.306 | 0.302 | 1.3 | 173# | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
Data File : VN087260.D
Acq On : 03 Jul 2025 10:50
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 04 01:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 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 | 0.006 | 0.006 | 0.0 | 163# | 0.00 |
| 50 | S | Toluene-d8 | 1.248 | 1.169 | 6.3 | 171# | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.444 | 0.443 | 0.2 | 172# | 0.00 |
| 52 | CM | Toluene | 0.885 | 0.884 | 0.1# | 176# | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.512 | 0.504 | 1.6 | 173# | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.521 | 0.531 | -1.9 | 181# | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.334 | 0.325 | 2.7 | 177# | 0.00 |
| 56 | T | Ethyl methacrylate | 0.490 | 0.471 | 3.9 | 171# | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.545 | 0.544 | 0.2 | 183# | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.259 | 0.241 | 6.9 | 160# | 0.00 |
| 59 | T | 2-Hexanone | 0.318 | 0.290 | 8.8 | 167# | 0.00 |
| 60 | T | Dibromochloromethane | 0.394 | 0.399 | -1.3 | 179# | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.359 | 0.358 | 0.3 | 177# | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.444 | 0.419 | 5.6 | 171# | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 171# | 0.00 |
| 64 | T | Tetrachloroethene | 0.333 | 0.341 | -2.4 | 181# | 0.00 |
| 65 | PM | Chlorobenzene | 1.122 | 1.112 | 0.9 | 178# | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.387 | 0.392 | -1.3 | 177# | 0.00 |
| 67 | C | Ethyl Benzene | 1.815 | 1.834 | -1.0# | 174# | 0.00 |
| 68 | T | m/p-Xylenes | 0.725 | 0.772 | -6.5 | 180# | 0.00 |
| 69 | T | o-Xylene | 0.679 | 0.723 | -6.5 | 178# | 0.00 |
| 70 | T | Styrene | 1.153 | 1.245 | -8.0 | 177# | 0.00 |
| 71 | P | Bromoform | 0.299 | 0.316 | -5.7 | 176# | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 179# | 0.00 |
| 73 | T | Isopropylbenzene | 3.222 | 3.097 | 3.9 | 176# | 0.00 |
| 74 | T | N-amyl acetate | 1.059 | 0.758 | 28.4# | 164# | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.060 | 0.946 | 10.8 | 170# | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.951 | 0.819 | 13.9 | 172# | 0.00 |
| 77 | T | Bromobenzene | 0.841 | 0.805 | 4.3 | 174# | 0.00 |
| 78 | T | n-propylbenzene | 3.892 | 3.772 | 3.1 | 178# | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.316 | 2.187 | 5.6 | 175# | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.693 | 2.673 | 0.7 | 176# | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.405 | 0.347 | 14.3 | 159# | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.424 | 2.296 | 5.3 | 176# | 0.00 |
| 83 | T | tert-Butylbenzene | 2.359 | 2.292 | 2.8 | 177# | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.698 | 2.740 | -1.6 | 176# | 0.00 |
| 85 | T | sec-Butylbenzene | 3.344 | 3.344 | 0.0 | 178# | 0.00 |
| 86 | T | p-Isopropyltoluene | 2.875 | 2.923 | -1.7 | 178# | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.675 | 1.675 | 0.0 | 186# | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.749 | 1.651 | 5.6 | 182# | 0.00 |
| 89 | T | n-Butylbenzene | 2.531 | 2.462 | 2.7 | 174# | 0.00 |
| 90 | T | Hexachloroethane | 0.532 | 0.501 | 5.8 | 174# | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.566 | 1.533 | 2.1 | 182# | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.255 | 0.218 | 14.5 | 165# | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.926 | 0.847 | 8.5 | 170# | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.294 | 0.243 | 17.3 | 159# | 0.00 |
| 95 | T | Naphthalene | 3.205 | 2.913 | 9.1 | 165# | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
Data File : VN087260.D
Acq On : 03 Jul 2025 10:50
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 04 01:26:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 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 | 0.902 | 0.840 | 6.9 | 172# | 0.00 |

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