# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086166.D
Acq On : 28 Mar 2025 21:30
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 28 23:41:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 110 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 43.871 | 12.3 | 99 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.483 | 3.0 | 111 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 45.214 | 9.6# | 100 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 38.926 | 22.1 | 91 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 40.603 | 18.8 | 101 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 45.724 | 8.6 | 110 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 55.623 | -11.2 | 123 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.307 | -0.6 | 122 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 52.502 | -5.0 | 117 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 228.057 | 8.8 | 103 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 53.059 | -6.1# | 116 | 0.00 |
| 13 | T | Acrolein | 250.000 | 211.130 | 15.5 | 96 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 53.081 | -6.2 | 121 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 272.136 | -8.9 | 124 | 0.00 |
| 16 | T | Acetone | 250.000 | 243.438 | 2.6 | 115 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 43.947 | 12.1 | 108 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 60.325 | -20.7 | 147 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 54.350 | -8.7 | 119 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 52.630 | -5.3 | 126 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.965 | -1.9 | 118 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 60.327 | -20.7 | 131 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 281.179 | -12.5 | 120 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 54.082 | -8.2 | 126 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 263.205 | -5.3 | 120 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 42.682 | 14.6 | 98 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 53.999 | -8.0 | 120 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 51.825 | -3.7 | 124 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 284.249 | -13.7 | 120 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.731 | -3.5# | 124 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.437 | -0.9 | 119 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 50.083 | -0.2 | 117 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 50.035 | -0.1 | 113 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.259 | -0.5 | 120 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 51.059 | -2.1 | 118 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 49.640 | 0.7 | 119 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.258 | 3.5 | 115 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.251 | -0.5 | 110 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.747 | -5.5 | 125 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 56.102 | -12.2 | 123 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 48.114 | 3.8 | 116 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 41.012 | 18.0 | 114 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.215 | 3.6 | 119 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 55.905 | -11.8# | 130 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 50.629 | -1.3 | 123 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.036 | -4.1 | 124 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 56.523 | -13.0 | 123 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086166.D
Acq On : 28 Mar 2025 21:30
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 28 23:41:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1094.348 | -9.4 | 119 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 51.782 | -3.6 | 118 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 279.305 | -11.7 | 123 | 0.00 |
| 52 | CM | Toluene | 50.000 | 55.343 | -10.7# | 122 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 52.486 | -5.0 | 116 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 52.900 | -5.8 | 117 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.206 | -8.4 | 128 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 52.120 | -4.2 | 120 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 53.797 | -7.6 | 124 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 293.672 | -17.5 | 132 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 279.789 | -11.9 | 121 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 52.160 | -4.3 | 120 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.840 | -3.7 | 117 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.188 | -4.4 | 115 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 116 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.809 | 4.4 | 120 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.264 | -0.5 | 123 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.047 | -0.1 | 122 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 53.432 | -6.9# | 119 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 108.650 | -8.7 | 120 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 56.663 | -13.3 | 122 | 0.00 |
| 70 | T | Styrene | 50.000 | 56.637 | -13.3 | 122 | 0.00 |
| 71 | P | Bromoform | 50.000 | 47.761 | 4.5 | 115 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 119 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.045 | -4.1 | 118 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 54.035 | -8.1 | 121 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 47.139 | 5.7 | 124 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 45.116 | 9.8 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.289 | 3.4 | 121 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 53.810 | -7.6 | 119 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.326 | -2.7 | 120 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.428 | -6.9 | 118 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 43.860 | 12.3 | 107 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.207 | -2.4 | 120 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.944 | -1.9 | 118 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.558 | -7.1 | 119 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.479 | -9.0 | 119 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.926 | -7.9 | 115 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.472 | 1.1 | 120 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 46.585 | 6.8 | 120 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.357 | -4.7 | 114 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 46.882 | 6.2 | 121 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 48.393 | 3.2 | 123 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 45.144 | 9.7 | 112 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 47.024 | 6.0 | 113 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 40.869 | 18.3 | 110 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.546 | 2.9 | 110 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086166.D
Acq On : 28 Mar 2025 21:30
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 28 23:41:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.424 | 1.2 | 116 | 0.00 |

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