# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
Data File : VN087948.D
Acq On : 25 Sep 2025 12:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 26 07:27:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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 | 99 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 47.699 | 4.6 | 104 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.936 | 2.1 | 108 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.486 | 1.0# | 107 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 53.032 | -6.1 | 123 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 49.948 | 0.1 | 110 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 48.431 | 3.1 | 107 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 50.084 | -0.2 | 109 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 47.643 | 4.7 | 103 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 57.259 | -14.5 | 115 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 271.032 | -8.4 | 121 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.788 | 2.4# | 108 | 0.00 |
| 13 | T | Acrolein | 250.000 | 251.254 | -0.5 | 129 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.426 | 1.1 | 110 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 262.332 | -4.9 | 114 | 0.00 |
| 16 | T | Acetone | 250.000 | 268.115 | -7.2 | 123 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.415 | 7.2 | 102 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 55.411 | -10.8 | 117 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.896 | -3.8 | 111 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.116 | 1.8 | 110 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.970 | 4.1 | 107 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 51.507 | -3.0 | 112 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 279.393 | -11.8 | 119 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.600 | 0.8 | 108 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 263.713 | -5.5 | 115 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 49.573 | 0.9 | 109 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.376 | 1.2 | 109 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.036 | 7.9 | 87 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 267.483 | -7.0 | 116 | 0.00 |
| 30 | C | Chloroform | 50.000 | 49.398 | 1.2# | 109 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 48.030 | 3.9 | 109 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.059 | 1.9 | 109 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 46.582 | 6.8 | 89 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 44.597 | 10.8 | 88 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.205 | 1.6 | 107 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 50.766 | -1.5 | 110 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.879 | 4.2 | 106 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.819 | 4.4 | 105 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.372 | 1.3 | 107 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 50.108 | -0.2 | 105 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 48.653 | 2.7 | 110 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.072 | -2.1 | 112 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.005 | 4.0 | 107 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 48.794 | 2.4# | 108 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 48.839 | 2.3 | 109 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 50.106 | -0.2 | 110 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 51.109 | -2.2 | 112 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
Data File : VN087948.D
Acq On : 25 Sep 2025 12:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 26 07:27:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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 | 1121.681 | -12.2 | 125 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 44.735 | 10.5 | 86 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 266.670 | -6.7 | 114 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.246 | 1.5# | 107 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.291 | -0.6 | 111 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 49.489 | 1.0 | 110 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.877 | 0.2 | 110 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 52.640 | -5.3 | 111 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.261 | -0.5 | 109 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 329.535 | -31.8# | 153 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 281.970 | -12.8 | 116 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 50.045 | -0.1 | 110 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.721 | 0.6 | 109 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 44.495 | 11.0 | 87 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.913 | 4.2 | 103 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.453 | 1.1 | 109 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.235 | 1.5 | 106 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.002 | -0.0# | 109 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.897 | -2.9 | 108 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 49.721 | 0.6 | 107 | 0.00 |
| 70 | T | Styrene | 50.000 | 51.750 | -3.5 | 107 | 0.00 |
| 71 | P | Bromoform | 50.000 | 51.214 | -2.4 | 110 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.096 | -2.2 | 108 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 44.889 | 10.2 | 100 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.558 | 0.9 | 109 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 45.409 | 9.2 | 99 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.027 | 1.9 | 108 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.495 | -1.0 | 108 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 49.359 | 1.3 | 107 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.577 | -3.2 | 111 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 50.728 | -1.5 | 112 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.348 | -2.7 | 109 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.507 | -1.0 | 107 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.819 | -3.6 | 109 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.791 | -1.6 | 108 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 51.153 | -2.3 | 108 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.593 | -1.2 | 111 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.833 | 2.3 | 110 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.515 | -1.0 | 109 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 48.769 | 2.5 | 109 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.350 | -0.7 | 111 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.412 | 1.2 | 112 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.803 | 0.4 | 111 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.209 | 3.6 | 106 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 52.038 | -4.1 | 113 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
Data File : VN087948.D
Acq On : 25 Sep 2025 12:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 26 07:27:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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 | 49.682 | 0.6 | 108 | 0.00 |

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