Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
Data File : VN085428.D
Acq On : 13 Jan 2025 13:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 13 16:36:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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 | 118 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 51.424 | -2.8 | 118 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 46.283 | 7.4 | 121 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 44.644 | 10.7# | 112 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 38.384 | 23.2 | 99 | -0.01 |
| 6 | T | Chloroethane | 50.000 | 44.659 | 10.7 | 112 | -0.01 |
| 7 | T | Trichlorofluoromethane | 50.000 | 50.971 | -1.9 | 125 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 49.352 | 1.3 | 114 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.861 | -1.7 | 125 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.299 | -0.6 | 116 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 278.045 | -11.2 | 137 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 49.072 | 1.9# | 120 | 0.00 |
| 13 | T | Acrolein | 250.000 | 360.662 | -44.3# | 182 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 47.474 | 5.1 | 117 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 262.528 | -5.0 | 127 | 0.00 |
| 16 | T | Acetone | 250.000 | 267.950 | -7.2 | 134 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 47.363 | 5.3 | 123 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 55.243 | -10.5 | 135 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.196 | -2.4 | 117 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 50.905 | -1.8 | 124 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.962 | -1.9 | 124 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 52.966 | -5.9 | 123 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 268.794 | -7.5 | 124 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.263 | -2.5 | 125 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 270.236 | -8.1 | 127 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 51.982 | -4.0 | 121 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.744 | -1.5 | 118 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.624 | 6.8 | 111 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 282.940 | -13.2 | 132 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.637 | -3.3# | 127 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.071 | 5.9 | 120 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 50.507 | -1.0 | 123 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.963 | -3.9 | 122 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.834 | -5.7 | 115 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 55.537 | -11.1 | 122 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 52.850 | -5.7 | 128 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 57.134 | -14.3 | 126 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 54.964 | -9.9 | 115 | 0.00 |
| 40 | TM | Benzene | 50.000 | 55.355 | -10.7 | 123 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 56.819 | -13.6 | 124 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 57.423 | -14.8 | 134 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 54.471 | -8.9 | 121 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 52.305 | -4.6 | 122 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 54.794 | -9.6# | 126 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 56.681 | -13.4 | 128 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 57.093 | -14.2 | 127 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 60.504 | -21.0 | 127 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
Data File : VN085428.D
Acq On : 13 Jan 2025 13:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 13 16:36:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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 | 1180.354 | -18.0 | 119 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 53.617 | -7.2 | 117 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 302.222 | -20.9 | 130 | 0.00 |
| 52 | CM | Toluene | 50.000 | 57.295 | -14.6# | 124 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 56.148 | -12.3 | 117 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.093 | -12.2 | 121 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 57.689 | -15.4 | 130 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 60.491 | -21.0 | 121 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 57.507 | -15.0 | 126 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 306.734 | -22.7 | 123 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 314.015 | -25.6# | 132 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 60.261 | -20.5 | 126 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 56.111 | -12.2 | 122 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 56.925 | -13.8 | 120 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 116 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 53.632 | -7.3 | 127 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.829 | -1.7 | 122 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 55.509 | -11.0 | 129 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 55.513 | -11.0# | 124 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 115.313 | -15.3 | 124 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 56.178 | -12.4 | 121 | 0.00 |
| 70 | T | Styrene | 50.000 | 59.759 | -19.5 | 125 | 0.00 |
| 71 | P | Bromoform | 50.000 | 60.046 | -20.1 | 134 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 123 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.012 | -2.0 | 121 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.077 | -2.2 | 120 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.023 | -0.0 | 133 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 49.848 | 0.3 | 138 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.356 | 1.3 | 129 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 53.137 | -6.3 | 125 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.476 | -3.0 | 127 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.930 | -7.9 | 126 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 50.771 | -1.5 | 121 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.734 | -3.5 | 128 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.420 | -0.8 | 121 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.799 | -9.6 | 125 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.039 | -4.1 | 120 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 48.868 | 2.3 | 122 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.415 | -2.8 | 130 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.326 | 1.3 | 129 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.743 | -1.5 | 118 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 52.482 | -5.0 | 124 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.753 | -1.5 | 127 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.364 | -4.7 | 130 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.317 | 1.4 | 123 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 47.649 | 4.7 | 132 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 42.988 | 14.0 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
Data File : VN085428.D
Acq On : 13 Jan 2025 13:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 13 16:36:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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 | 47.707 | 4.6 | 121 | 0.00 |

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