# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072066.D
Acq On : 19 Apr 2022 21:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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 | 91 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 67.980 | -36.0# | 118 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 55.997 | -12.0 | 106 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 52.817 | -5.6# | 94 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 26.042 | 47.9# | 46 | -0.03 |
| 6 | T | Chloroethane | 50.000 | 45.667 | 8.7 | 83 | -0.03 |
| 7 | T | Trichlorofluoromethane | 50.000 | 56.922 | -13.8 | 102 | -0.02 |
| 8 | T | Diethyl Ether | 50.000 | 57.677 | -15.4 | 102 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 56.580 | -13.2 | 102 | -0.01 |
| 10 | T | Methyl Iodide | 50.000 | 59.178 | -18.4 | 103 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 275.621 | -10.2 | 92 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 59.191 | -18.4# | 106 | -0.01 |
| 13 | T | Acrolein | 250.000 | 233.967 | 6.4 | 79 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 56.120 | -12.2 | 98 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 307.537 | -23.0 | 104 | 0.00 |
| 16 | T | Acetone | 250.000 | 246.923 | 1.2 | 94 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 62.004 | -24.0 | 116 | -0.01 |
| 18 | T | Methyl Acetate | 50.000 | 61.305 | -22.6 | 107 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 57.975 | -16.0 | 100 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 57.868 | -15.7 | 107 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 56.738 | -13.5 | 104 | -0.01 |
| 22 | T | Diisopropyl ether | 50.000 | 56.320 | -12.6 | 98 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 301.941 | -20.8 | 97 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 56.908 | -13.8 | 100 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 288.827 | -15.5 | 100 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 48.692 | 2.6 | 85 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 58.121 | -16.2 | 103 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.525 | 7.0 | 92 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 291.534 | -16.6 | 98 | 0.00 |
| 30 | C | Chloroform | 50.000 | 55.229 | -10.5# | 98 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 55.787 | -11.6 | 105 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 55.668 | -11.3 | 98 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 48.596 | 2.8 | 89 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 89 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.732 | -5.5 | 93 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 56.714 | -13.4 | 100 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 56.745 | -13.5 | 94 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 57.402 | -14.8 | 99 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 60.731 | -21.5 | 103 | 0.00 |
| 40 | TM | Benzene | 50.000 | 58.539 | -17.1 | 104 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 63.607 | -27.2# | 108 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 54.772 | -9.5 | 98 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 62.258 | -24.5 | 113 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 57.380 | -14.8 | 100 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 58.188 | -16.4# | 102 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 58.309 | -16.6 | 102 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 59.386 | -18.8 | 100 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 62.888 | -25.8# | 106 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072066.D
Acq On : 19 Apr 2022 21:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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 | 886.512 | 11.3 | 78 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.869 | -5.7 | 94 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 324.746 | -29.9# | 106 | 0.00 |
| 52 | CM | Toluene | 50.000 | 62.224 | -24.4# | 107 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 62.496 | -25.0 | 102 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 61.224 | -22.4 | 101 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 60.234 | -20.5 | 105 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 69.667 | -39.3# | 112 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 60.817 | -21.6 | 106 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 325.501 | -30.2# | 126 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 322.989 | -29.2# | 102 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 63.616 | -27.2# | 104 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 63.467 | -26.9# | 108 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 56.570 | -13.1 | 96 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 53.695 | -7.4 | 106 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 57.035 | -14.1 | 109 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 56.493 | -13.0 | 106 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 59.025 | -18.0# | 107 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 118.239 | -18.2 | 106 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 60.688 | -21.4 | 108 | 0.00 |
| 70 | T | Styrene | 50.000 | 64.151 | -28.3# | 109 | 0.00 |
| 71 | P | Bromoform | 50.000 | 60.552 | -21.1 | 105 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 91 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 57.702 | -15.4 | 106 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 61.700 | -23.4 | 100 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 51.419 | -2.8 | 97 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 54.558 | -9.1 | 102 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 54.639 | -9.3 | 103 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 58.822 | -17.6 | 103 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 55.014 | -10.0 | 102 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 58.431 | -16.9 | 106 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 58.119 | -16.2 | 97 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 55.156 | -10.3 | 99 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 56.678 | -13.4 | 101 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 58.932 | -17.9 | 105 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 58.014 | -16.0 | 101 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 60.644 | -21.3 | 102 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 54.453 | -8.9 | 97 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 53.877 | -7.8 | 97 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 59.988 | -20.0 | 100 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 54.906 | -9.8 | 96 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 53.127 | -6.3 | 97 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 60.002 | -20.0 | 102 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 57.699 | -15.4 | 106 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.020 | -2.0 | 94 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 62.067 | -24.1 | 119 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072066.D
Acq On : 19 Apr 2022 21:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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 | 58.797 | -17.6 | 108 | 0.00 |

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