# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
Data File : VX034025.D
Acq On : 06 Feb 2023 14:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Feb 07 00:48:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
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 | 102 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 53.707 | -7.4 | 102 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 51.974 | -3.9 | 103 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 50.558 | -1.1# | 100 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 48.858 | 2.3 | 99 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 52.728 | -5.5 | 102 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 52.488 | -5.0 | 103 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 51.287 | -2.6 | 101 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 52.261 | -4.5 | 103 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.913 | -1.8 | 97 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 273.591 | -9.4 | 112 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 51.149 | -2.3# | 101 | 0.00 |
| 13 | T | Acrolein | 250.000 | 235.722 | 5.7 | 94 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 52.498 | -5.0 | 102 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 257.924 | -3.2 | 102 | 0.00 |
| 16 | T | Acetone | 250.000 | 225.961 | 9.6 | 96 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 51.006 | -2.0 | 100 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 52.580 | -5.2 | 102 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.250 | -4.5 | 102 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.325 | 1.3 | 102 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 51.381 | -2.8 | 103 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 51.614 | -3.2 | 102 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 262.063 | -4.8 | 100 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.574 | -3.1 | 102 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 247.489 | 1.0 | 102 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.662 | -1.3 | 99 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 51.621 | -3.2 | 103 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 47.269 | 5.5 | 97 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 253.525 | -1.4 | 101 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.906 | -1.8# | 101 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 51.265 | -2.5 | 100 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 52.631 | -5.3 | 103 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 46.795 | 6.4 | 99 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.455 | 3.1 | 101 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 51.210 | -2.4 | 100 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 52.882 | -5.8 | 102 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 52.772 | -5.5 | 104 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.196 | -4.4 | 102 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.264 | -4.5 | 102 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 52.224 | -4.4 | 103 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.873 | -5.7 | 103 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.279 | -6.6 | 101 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 52.067 | -4.1 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.667 | -5.3# | 102 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.632 | -5.3 | 103 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.683 | -7.4 | 103 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.976 | -6.0 | 100 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
Data File : VX034025.D
Acq On : 06 Feb 2023 14:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Feb 07 00:48:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
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 | 1220.405 | -22.0 | 122 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.275 | 3.5 | 100 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 261.612 | -4.6 | 101 | 0.00 |
| 52 | CM | Toluene | 50.000 | 52.324 | -4.6# | 103 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.928 | -9.9 | 102 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 54.307 | -8.6 | 102 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 52.456 | -4.9 | 102 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.250 | -8.5 | 101 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 52.072 | -4.1 | 102 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 258.235 | -3.3 | 99 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 262.389 | -5.0 | 101 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 53.741 | -7.5 | 102 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.456 | -4.9 | 103 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 48.219 | 3.6 | 100 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 50.803 | -1.6 | 102 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 52.298 | -4.6 | 102 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.549 | -7.1 | 103 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.708 | -5.4# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 104.599 | -4.6 | 102 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 53.092 | -6.2 | 102 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.047 | -8.1 | 103 | 0.00 |
| 71 | P | Bromoform | 50.000 | 56.203 | -12.4 | 105 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.359 | -4.7 | 103 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 53.770 | -7.5 | 100 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.678 | 0.6 | 101 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 47.914 | 4.2 | 102 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.444 | -2.9 | 102 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.909 | -5.8 | 103 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.537 | -3.1 | 103 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.342 | -4.7 | 102 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.188 | -4.4 | 100 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 52.358 | -4.7 | 103 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.259 | -4.5 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.584 | -5.2 | 103 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.012 | -6.0 | 103 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.826 | -5.7 | 103 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 52.147 | -4.3 | 104 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 51.290 | -2.6 | 105 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.003 | -8.0 | 104 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 54.853 | -9.7 | 107 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.140 | -2.3 | 102 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 54.274 | -8.5 | 104 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.990 | -8.0 | 105 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.121 | -2.2 | 106 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 53.711 | -7.4 | 102 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
Data File : VX034025.D
Acq On : 06 Feb 2023 14:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Feb 07 00:48:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
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 | 53.115 | -6.2 | 105 | 0.00 |

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