# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
Data File : VX037148.D
Acq On : 22 Aug 2023 12:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 15:37:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 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 | 110 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 54.681 | -9.4 | 119 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 60.268 | -20.5 | 122 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 51.853 | -3.7# | 112 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 64.598 | -29.2# | 144 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 92.144 | -84.3# | 209 | 0.01 |
| 7 | T | Trichlorofluoromethane | 50.000 | 53.327 | -6.7 | 119 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 48.748 | 2.5 | 97 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.726 | 0.5 | 115 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 52.109 | -4.2 | 103 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 218.650 | 12.5 | 90 | -0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 49.602 | 0.8# | 109 | 0.00 |
| 13 | T | Acrolein | 250.000 | 109.159 | 56.3# | 45 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 45.915 | 8.2 | 92 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 237.419 | 5.0 | 95 | 0.00 |
| 16 | T | Acetone | 250.000 | 222.345 | 11.1 | 93 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 49.119 | 1.8 | 110 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 45.603 | 8.8 | 91 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 48.629 | 2.7 | 97 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 47.199 | 5.6 | 103 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.498 | 3.0 | 102 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 49.032 | 1.9 | 99 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 242.132 | 3.1 | 94 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 48.802 | 2.4 | 100 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 223.132 | 10.7 | 89 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 24.183 | 51.6# | 52 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.546 | 2.9 | 99 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.352 | -6.7 | 107 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 224.943 | 10.0 | 90 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.594 | 2.8# | 99 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.760 | -1.5 | 119 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.968 | 0.1 | 106 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 50.288 | -0.6 | 102 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.415 | -4.8 | 105 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.055 | -0.1 | 109 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 46.542 | 6.9 | 92 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 52.633 | -5.3 | 112 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.814 | -1.6 | 123 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.529 | 0.9 | 100 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 48.517 | 3.0 | 93 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.155 | 1.7 | 96 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 48.948 | 2.1 | 94 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.772 | 2.5 | 102 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.292 | -0.6# | 99 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 50.170 | -0.3 | 97 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 51.816 | -3.6 | 100 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.296 | 1.4 | 96 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
Data File : VX037148.D
Acq On : 22 Aug 2023 12:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 15:37:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 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 | 863.908 | 13.6 | 84 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.583 | -5.2 | 107 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 239.614 | 4.2 | 94 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.566 | -1.1# | 103 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 48.221 | 3.6 | 90 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 46.421 | 7.2 | 89 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.647 | -1.3 | 100 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 50.721 | -1.4 | 98 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 49.923 | 0.2 | 99 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 260.017 | -4.0 | 102 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 240.597 | 3.8 | 94 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 53.611 | -7.2 | 100 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.882 | -1.8 | 100 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 54.554 | -9.1 | 113 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 105 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 46.346 | 7.3 | 102 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.760 | 0.5 | 104 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 51.466 | -2.9 | 103 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.552 | -1.1# | 107 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 101.807 | -1.8 | 108 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 50.495 | -1.0 | 105 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.213 | -4.4 | 106 | 0.00 |
| 71 | P | Bromoform | 50.000 | 55.426 | -10.9 | 103 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 116 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 47.226 | 5.5 | 113 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 46.581 | 6.8 | 100 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 46.019 | 8.0 | 104 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 43.557 | 12.9 | 100 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 47.803 | 4.4 | 109 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 48.754 | 2.5 | 118 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 47.510 | 5.0 | 112 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 49.226 | 1.5 | 116 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 38.565 | 22.9 | 83 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 48.260 | 3.5 | 112 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 49.290 | 1.4 | 121 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 48.685 | 2.6 | 114 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 51.029 | -2.1 | 127 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 50.449 | -0.9 | 124 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.344 | 1.3 | 115 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.865 | 4.3 | 113 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 51.017 | -2.0 | 127 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 55.394 | -10.8 | 129 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.035 | -0.1 | 113 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 50.009 | -0.0 | 104 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 51.812 | -3.6 | 122 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 52.616 | -5.2 | 137 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 43.000 | 14.0 | 105 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
Data File : VX037148.D
Acq On : 22 Aug 2023 12:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 15:37:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 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 | 50.555 | -1.1 | 117 | 0.00 |

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