# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
Data File : VX041227.D
Acq On : 24 Apr 2024 11:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 25 05:50:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 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 | 95 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 53.744 | -7.5 | 98 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 46.534 | 6.9 | 91 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 54.688 | -9.4# | 101 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 65.608 | -31.2# | 123 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 75.474 | -50.9# | 163 | 0.02 |
| 7 | T | Trichlorofluoromethane | 50.000 | 53.536 | -7.1 | 101 | 0.02 |
| 8 | T | Diethyl Ether | 50.000 | 50.041 | -0.1 | 96 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.762 | 0.5 | 100 | 0.02 |
| 10 | T | Methyl Iodide | 50.000 | 32.955 | 34.1# | 63 | 0.01 |
| 11 | T | Tert butyl alcohol | 250.000 | 253.592 | -1.4 | 88 | -0.10 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.279 | 3.4# | 95 | 0.01 |
| 13 | T | Acrolein | 250.000 | 264.115 | -5.6 | 103 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.676 | 0.6 | 94 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 241.766 | 3.3 | 87 | -0.01 |
| 16 | T | Acetone | 250.000 | 285.841 | -14.3 | 115 | -0.02 |
| 17 | T | Carbon Disulfide | 50.000 | 52.978 | -6.0 | 112 | 0.01 |
| 18 | T | Methyl Acetate | 50.000 | 43.933 | 12.1 | 92 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 49.461 | 1.1 | 90 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 43.705 | 12.6 | 90 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.742 | 4.5 | 87 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 57.042 | -14.1 | 105 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 314.206 | -25.7# | 109 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 58.134 | -16.3 | 105 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 312.849 | -25.1# | 114 | -0.02 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 61.392 | -22.8 | 111 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 57.253 | -14.5 | 106 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.386 | -6.8 | 111 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 292.763 | -17.1 | 108 | -0.02 |
| 30 | C | Chloroform | 50.000 | 58.251 | -16.5# | 107 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 55.667 | -11.3 | 103 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 59.739 | -19.5 | 108 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.714 | 0.6 | 101 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 92 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 57.990 | -16.0 | 114 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 58.730 | -17.5 | 108 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 63.560 | -27.1# | 109 | -0.01 |
| 38 | T | Carbon Tetrachloride | 50.000 | 63.746 | -27.5# | 113 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 58.693 | -17.4 | 104 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.404 | 3.2 | 87 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 66.663 | -33.3# | 113 | -0.02 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.465 | -4.9 | 94 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 52.419 | -4.8 | 93 | -0.01 |
| 44 | TM | Trichloroethene | 50.000 | 58.089 | -16.2 | 104 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 58.295 | -16.6# | 105 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 61.153 | -22.3 | 109 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 65.837 | -31.7# | 112 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 64.391 | -28.8# | 110 | 0.00 |

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 25 05:50:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 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 | 1162.909 | -16.3 | 95 | -0.02 |
| 50 | S | Toluene-d8 | 50.000 | 57.192 | -14.4 | 108 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 314.701 | -25.9# | 109 | -0.01 |
| 52 | CM | Toluene | 50.000 | 49.134 | 1.7# | 84 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 58.614 | -17.2 | 97 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 64.461 | -28.9# | 108 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.985 | -2.0 | 87 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.748 | -7.5 | 88 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.633 | -3.3 | 90 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 276.289 | -10.5 | 98 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 274.163 | -9.7 | 94 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 59.795 | -19.6 | 100 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.679 | -5.4 | 91 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 61.442 | -22.9 | 114 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 76 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 59.635 | -19.3 | 88 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 57.516 | -15.0 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 62.448 | -24.9 | 89 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 60.170 | -20.3# | 87 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 120.593 | -20.6 | 88 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 62.862 | -25.7# | 91 | 0.00 |
| 70 | T | Styrene | 50.000 | 67.166 | -34.3# | 94 | 0.00 |
| 71 | P | Bromoform | 50.000 | 76.803 | -53.6# | 102 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.659 | -1.3 | 94 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.092 | -2.2 | 92 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 55.041 | -10.1 | 104 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 55.640 | -11.3 | 109 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 55.203 | -10.4 | 106 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 59.682 | -19.4 | 109 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 55.548 | -11.1 | 105 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 57.279 | -14.6 | 107 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 62.087 | -24.2 | 111 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 57.194 | -14.4 | 109 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 57.197 | -14.4 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 57.486 | -15.0 | 105 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 60.043 | -20.1 | 108 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 60.848 | -21.7 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 56.468 | -12.9 | 107 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 55.721 | -11.4 | 107 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 67.611 | -35.2# | 118 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 63.058 | -26.1# | 114 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 55.583 | -11.2 | 103 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 59.876 | -19.8 | 108 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 63.924 | -27.8# | 116 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 63.747 | -27.5# | 116 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 60.328 | -20.7 | 107 | 0.00 |

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MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Apr 25 05:50:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 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 | 59.414 | -18.8 | 110 | 0.00 |

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