# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
Data File : VX041205.D
Acq On : 23 Apr 2024 10:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 24 01:42:06 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 | 100 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 50.675 | -1.3 | 97 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 44.602 | 10.8 | 91 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.343 | 1.3# | 96 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 43.569 | 12.9 | 85 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 41.994 | 16.0 | 95 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 52.633 | -5.3 | 104 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 51.224 | -2.4 | 103 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 57.106 | -14.2 | 120 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 33.956 | 32.1# | 68 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 292.253 | -16.9 | 106 | -0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 56.680 | -13.4# | 117 | 0.00 |
| 13 | T | Acrolein | 250.000 | 254.556 | -1.8 | 104 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 57.312 | -14.6 | 114 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 263.004 | -5.2 | 99 | 0.00 |
| 16 | T | Acetone | 250.000 | 300.406 | -20.2 | 127 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 60.889 | -21.8 | 135 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.597 | -1.2 | 111 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.833 | -5.7 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 50.721 | -1.4 | 110 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 51.568 | -3.1 | 99 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 52.372 | -4.7 | 101 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 279.087 | -11.6 | 102 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.592 | -5.2 | 99 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 269.898 | -8.0 | 104 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 54.741 | -9.5 | 103 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 51.536 | -3.1 | 100 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 49.290 | 1.4 | 107 | -0.01 |
| 29 | T | Tetrahydrofuran | 250.000 | 255.311 | -2.1 | 98 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.870 | -3.7# | 100 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.824 | -1.6 | 99 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.448 | -6.9 | 101 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.863 | 0.3 | 107 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 97 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.214 | -4.4 | 107 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 52.289 | -4.6 | 101 | -0.01 |
| 37 | T | Ethyl Acetate | 50.000 | 55.214 | -10.4 | 99 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 56.479 | -13.0 | 105 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 54.455 | -8.9 | 101 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.397 | -4.8 | 98 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 54.830 | -9.7 | 97 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 53.483 | -7.0 | 101 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 54.212 | -8.4 | 101 | -0.01 |
| 44 | TM | Trichloroethene | 50.000 | 52.830 | -5.7 | 99 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.952 | -5.9# | 100 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 54.455 | -8.9 | 101 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 58.114 | -16.2 | 104 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 56.839 | -13.7 | 102 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
Data File : VX041205.D
Acq On : 23 Apr 2024 10:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 24 01:42:06 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 | 1065.039 | -6.5 | 91 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.761 | 4.5 | 94 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 255.582 | -2.2 | 93 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.252 | 1.5# | 89 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 55.464 | -10.9 | 96 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 51.560 | -3.1 | 91 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 46.714 | 6.6 | 84 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 49.533 | 0.9 | 85 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 46.257 | 7.5 | 85 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 239.166 | 4.3 | 89 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 252.514 | -1.0 | 91 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.238 | -2.5 | 90 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 47.778 | 4.4 | 86 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.146 | -4.3 | 101 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 84 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 52.168 | -4.3 | 86 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 51.697 | -3.4 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 55.687 | -11.4 | 89 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 53.238 | -6.5# | 86 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 106.259 | -6.3 | 86 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 55.162 | -10.3 | 88 | 0.00 |
| 70 | T | Styrene | 50.000 | 57.482 | -15.0 | 89 | 0.00 |
| 71 | P | Bromoform | 50.000 | 64.981 | -30.0# | 96 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 101 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 47.362 | 5.3 | 92 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.206 | -0.4 | 95 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 45.404 | 9.2 | 90 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 44.650 | 10.7 | 91 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 43.938 | 12.1 | 88 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 47.735 | 4.5 | 92 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 46.832 | 6.3 | 93 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.422 | -4.8 | 103 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 48.992 | 2.0 | 92 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.507 | -3.0 | 103 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.251 | -4.5 | 100 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.107 | -6.2 | 102 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.622 | -7.2 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 54.593 | -9.2 | 103 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.571 | -3.1 | 102 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.534 | -1.1 | 102 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 57.377 | -14.8 | 105 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 55.657 | -11.3 | 106 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.216 | -4.4 | 102 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 55.053 | -10.1 | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 55.585 | -11.2 | 106 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 54.575 | -9.2 | 105 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 54.913 | -9.8 | 103 | 0.00 |

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

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

Quant Time: Apr 24 01:42:06 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 | 54.380 | -8.8 | 106 | 0.00 |

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