Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
Data File : VX040164.D
Acq On : 07 Feb 2024 19:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 08 00:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 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 | 58 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 56.421 | -12.8 | 73 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 63.609 | -27.2# | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 71.938 | -43.9# | 92 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 91.551 | -83.1# | 138 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 70.391 | -40.8# | 89 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 68.092 | -36.2# | 88 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 71.400 | -42.8# | 89 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 39.282 | 21.4 | 47 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 56.762 | -13.5 | 62 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 320.994 | -28.4# | 79 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 41.506 | 17.0# | 50 | 0.00 |
| 13 | T | Acrolein | 250.000 | 245.715 | 1.7 | 63 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 61.314 | -22.6 | 73 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 323.361 | -29.3# | 77 | 0.00 |
| 16 | T | Acetone | 250.000 | 229.423 | 8.2 | 59 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 56.081 | -12.2 | 69 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 61.797 | -23.6 | 68 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 60.368 | -20.7 | 71 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 55.048 | -10.1 | 67 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 56.075 | -12.2 | 67 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 65.338 | -30.7# | 76 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 347.426 | -39.0# | 79 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 60.647 | -21.3 | 71 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 321.641 | -28.7# | 78 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 51.786 | -3.6 | 60 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 57.604 | -15.2 | 66 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 55.434 | -10.9 | 65 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 339.701 | -35.9# | 79 | 0.00 |
| 30 | C | Chloroform | 50.000 | 56.812 | -13.6# | 68 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 59.364 | -18.7 | 71 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 55.057 | -10.1 | 65 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 54.092 | -8.2 | 68 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 62 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 47.704 | 4.6 | 63 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 56.015 | -12.0 | 70 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 63.392 | -26.8# | 78 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 51.488 | -3.0 | 62 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.353 | -4.7 | 65 | 0.00 |
| 40 | TM | Benzene | 50.000 | 55.636 | -11.3 | 70 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 69.375 | -38.8# | 79 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 57.352 | -14.7 | 72 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 63.879 | -27.8# | 77 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 34.436 | 31.1# | 43 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 58.062 | -16.1# | 74 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.947 | -5.9 | 68 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 58.047 | -16.1 | 71 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 68.762 | -37.5# | 81 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
Data File : VX040164.D
Acq On : 07 Feb 2024 19:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 08 00:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 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 | 1196.222 | -19.6 | 72 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.413 | -4.8 | 69 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 333.988 | -33.6# | 81 | 0.00 |
| 52 | CM | Toluene | 50.000 | 58.200 | -16.4# | 72 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 57.663 | -15.3 | 70 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 59.749 | -19.5 | 70 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 55.438 | -10.9 | 69 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 64.835 | -29.7# | 75 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 57.561 | -15.1 | 70 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 300.453 | -20.2 | 71 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 320.359 | -28.1# | 78 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 54.384 | -8.8 | 65 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 54.971 | -9.9 | 69 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 34.794 | 30.4# | 45 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 46 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 67.474 | -34.9# | 65 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 58.932 | -17.9 | 56 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.379 | 1.2 | 45 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 56.768 | -13.5# | 52 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 145.332 | -45.3# | 66 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 72.973 | -45.9# | 65 | 0.00 |
| 70 | T | Styrene | 50.000 | 73.159 | -46.3# | 65 | 0.00 |
| 71 | P | Bromoform | 50.000 | 47.054 | 5.9 | 43 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 43 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 79.053 | -58.1# | 69 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 76.876 | -53.8# | 69 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 62.022 | -24.0 | 55 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 71.121 | -42.2# | 63 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 52.336 | -4.7 | 46 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 60.419 | -20.8 | 53 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 56.672 | -13.3 | 51 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 71.791 | -43.6# | 62 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 60.775 | -21.5 | 53 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 77.539 | -55.1# | 68 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 55.666 | -11.3 | 48 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 56.934 | -13.9 | 49 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 56.436 | -12.9 | 49 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 54.018 | -8.0 | 47 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.925 | -1.8 | 45 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.801 | -1.6 | 46 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 75.463 | -50.9# | 65 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 54.638 | -9.3 | 47 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 69.807 | -39.6# | 62 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 61.881 | -23.8 | 54 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 48.328 | 3.3 | 41 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 35.580 | 28.8# | 31 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 58.712 | -17.4 | 49 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
Data File : VX040164.D
Acq On : 07 Feb 2024 19:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 08 00:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 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 | 49.407 | 1.2 | 43 | 0.00 |

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