# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
Data File : VX029276.D
Acq On : 07 Jun 2022 12:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 08 01:22:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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 | 96 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 57.058 | -14.1 | 100 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 55.980 | -12.0 | 106 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 55.587 | -11.2# | 100 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 58.931 | -17.9 | 102 | 0.01 |
| 6 | T | Chloroethane | 50.000 | 45.902 | 8.2 | 91 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 55.327 | -10.7 | 101 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 55.091 | -10.2 | 100 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 57.850 | -15.7 | 108 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 51.758 | -3.5 | 94 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 214.460 | 14.2 | 82 | 0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 55.176 | -10.4# | 103 | 0.00 |
| 13 | T | Acrolein | 250.000 | 260.937 | -4.4 | 95 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 59.714 | -19.4 | 110 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 290.954 | -16.4 | 106 | 0.00 |
| 16 | T | Acetone | 250.000 | 320.804 | -28.3# | 120 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.489 | 7.0 | 88 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 60.842 | -21.7 | 114 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 58.717 | -17.4 | 106 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 56.687 | -13.4 | 106 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 54.742 | -9.5 | 102 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 62.846 | -25.7# | 113 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 319.785 | -27.9# | 112 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 59.858 | -19.7 | 110 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 300.080 | -20.0 | 110 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 57.902 | -15.8 | 106 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 55.437 | -10.9 | 104 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 57.011 | -14.0 | 111 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 298.853 | -19.5 | 107 | 0.00 |
| 30 | C | Chloroform | 50.000 | 58.681 | -17.4# | 107 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 61.395 | -22.8 | 112 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 56.123 | -12.2 | 101 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 55.241 | -10.5 | 103 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 49.840 | 0.3 | 97 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 56.453 | -12.9 | 109 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 58.417 | -16.8 | 108 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.786 | -1.6 | 96 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 57.187 | -14.4 | 109 | 0.00 |
| 40 | TM | Benzene | 50.000 | 56.305 | -12.6 | 107 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 61.359 | -22.7 | 112 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 57.209 | -14.4 | 109 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 58.074 | -16.1 | 108 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 51.935 | -3.9 | 98 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 58.130 | -16.3# | 110 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.865 | -7.7 | 103 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.575 | -7.2 | 100 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 60.004 | -20.0 | 111 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
Data File : VX029276.D
Acq On : 07 Jun 2022 12:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 08 01:22:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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 | 841.569 | 15.8 | 80 | 0.02 |
| 50 | S | Toluene-d8 | 50.000 | 50.394 | -0.8 | 98 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 285.040 | -14.0 | 107 | 0.00 |
| 52 | CM | Toluene | 50.000 | 55.395 | -10.8# | 105 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.430 | -8.9 | 100 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 55.350 | -10.7 | 103 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.599 | -9.2 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 57.564 | -15.1 | 106 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 56.264 | -12.5 | 106 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 299.371 | -19.7 | 108 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 279.536 | -11.8 | 104 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 47.773 | 4.5 | 90 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.493 | -7.0 | 103 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 50.308 | -0.6 | 98 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 51.189 | -2.4 | 98 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 52.412 | -4.8 | 100 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.428 | -0.9 | 96 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 56.184 | -12.4# | 104 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 109.604 | -9.6 | 101 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 53.906 | -7.8 | 99 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.418 | -8.8 | 99 | 0.00 |
| 71 | P | Bromoform | 50.000 | 41.777 | 16.4 | 78 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 90 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 58.514 | -17.0 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 61.846 | -23.7 | 104 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 55.491 | -11.0 | 98 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 56.549 | -13.1 | 100 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.034 | -2.1 | 92 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 60.779 | -21.6 | 104 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 57.836 | -15.7 | 103 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 58.019 | -16.0 | 100 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.272 | -4.5 | 89 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 57.954 | -15.9 | 102 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 55.652 | -11.3 | 97 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 58.280 | -16.6 | 100 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 59.346 | -18.7 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 57.021 | -14.0 | 98 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.730 | -3.5 | 91 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.595 | -1.2 | 92 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 61.530 | -23.1 | 105 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 50.002 | -0.0 | 87 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.468 | -2.9 | 89 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.746 | -5.5 | 90 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.635 | -5.3 | 94 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.289 | -2.6 | 88 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 58.216 | -16.4 | 96 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
Data File : VX029276.D
Acq On : 07 Jun 2022 12:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 08 01:22:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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 | 52.957 | -5.9 | 92 | 0.00 |

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