Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
Data File : VX023111.D
Acq On : 02 Jul 2021 16:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 05 02:54:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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 | 111 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 53.262 | -6.5 | 110 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 49.360 | 1.3 | 109 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 50.474 | -0.9# | 108 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 50.921 | -1.8 | 109 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 49.224 | 1.6 | 105 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 50.642 | -1.3 | 107 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 49.459 | 1.1 | 108 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 51.161 | -2.3 | 111 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 43.471 | 13.1 | 94 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 238.609 | 4.6 | 111 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.678 | -1.4# | 109 | 0.00 |
| 13 | T | Acrolein | 250.000 | 223.779 | 10.5 | 100 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 51.879 | -3.8 | 111 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 247.991 | 0.8 | 107 | 0.00 |
| 16 | T | Acetone | 250.000 | 242.612 | 3.0 | 111 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 49.842 | 0.3 | 111 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 48.495 | 3.0 | 105 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.363 | -2.7 | 110 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 45.784 | 8.4 | 109 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.588 | 0.8 | 109 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.512 | -1.0 | 108 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 259.859 | -3.9 | 108 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 50.070 | -0.1 | 109 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 249.192 | 0.3 | 107 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 53.996 | -8.0 | 115 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.734 | 2.5 | 106 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.772 | 6.5 | 104 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 245.236 | 1.9 | 106 | 0.00 |
| 30 | C | Chloroform | 50.000 | 49.952 | 0.1# | 108 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.689 | 0.6 | 111 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 51.518 | -3.0 | 110 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 47.749 | 4.5 | 109 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 47.712 | 4.6 | 111 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.562 | 0.9 | 109 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 49.320 | 1.4 | 106 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 53.075 | -6.2 | 112 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 51.745 | -3.5 | 114 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.993 | 0.0 | 108 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 48.598 | 2.8 | 106 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 51.234 | -2.5 | 108 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.970 | 0.1 | 108 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.352 | 1.3 | 107 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.220 | -0.4# | 109 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.985 | 0.0 | 107 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.031 | -4.1 | 108 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 50.150 | -0.3 | 107 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 05 02:54:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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 | 1003.435 | -0.3 | 107 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.033 | 3.9 | 109 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 250.744 | -0.3 | 106 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.551 | -1.1# | 108 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 47.032 | 5.9 | 110 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 47.666 | 4.7 | 109 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.630 | -1.3 | 108 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 51.436 | -2.9 | 109 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.107 | -0.2 | 108 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 238.215 | 4.7 | 105 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 253.251 | -1.3 | 106 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 45.980 | 8.0 | 109 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.812 | -3.6 | 107 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.058 | 1.9 | 110 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.133 | 1.7 | 106 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.746 | -1.5 | 109 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 52.605 | -5.2 | 108 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 51.905 | -3.8# | 110 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 104.495 | -4.5 | 110 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.617 | -3.2 | 109 | 0.00 |
| 70 | T | Styrene | 50.000 | 53.058 | -6.1 | 109 | 0.00 |
| 71 | P | Bromoform | 50.000 | 43.894 | 12.2 | 105 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.826 | -3.7 | 110 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.629 | -1.3 | 107 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.583 | 0.8 | 109 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.714 | -1.4 | 106 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 50.009 | -0.0 | 108 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.317 | -4.6 | 110 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.703 | -1.4 | 109 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.905 | -3.8 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 47.898 | 4.2 | 109 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 52.299 | -4.6 | 109 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 51.760 | -3.5 | 108 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.456 | -4.9 | 109 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.732 | -5.5 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.446 | -6.9 | 111 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.190 | -2.4 | 109 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.335 | -0.7 | 108 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.187 | -8.4 | 111 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 47.506 | 5.0 | 111 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.408 | -0.8 | 107 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 46.536 | 6.9 | 107 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.016 | -6.0 | 112 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 53.822 | -7.6 | 116 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.135 | 3.7 | 107 | 0.00 |

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 05 02:54:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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 | 53.468 | -6.9 | 111 | 0.00 |

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