Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
Data File : VN067404.D
Acq On : 18 Jun 2021 16:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_N
**LabSampleId :** VSTDCCC050

Quant Time: Jun 19 00:41:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 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 | 77 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 52.802 | -5.6 | 83 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 60.076 | -20.2 | 94 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 58.068 | -16.1# | 84 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 67.496 | -35.0# | 100 | -0.01 |
| 6 | T | Chloroethane | 50.000 | 57.691 | -15.4 | 88 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 57.774 | -15.5 | 87 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 59.901 | -19.8 | 88 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 59.142 | -18.3 | 88 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 58.476 | -17.0 | 102 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 269.928 | -8.0 | 86 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 59.327 | -18.7# | 89 | 0.00 |
| 13 | T | Acrolein | 250.000 | 307.359 | -22.9 | 98 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 56.512 | -13.0 | 87 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 328.697 | -31.5# | 95 | 0.00 |
| 16 | T | Acetone | 250.000 | 259.298 | -3.7 | 86 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 57.472 | -14.9 | 90 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 60.898 | -21.8 | 96 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 60.854 | -21.7 | 87 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 57.556 | -15.1 | 95 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 58.743 | -17.5 | 89 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 61.898 | -23.8 | 91 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 301.227 | -20.5 | 89 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 61.128 | -22.3 | 92 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 295.872 | -18.3 | 89 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 52.282 | -4.6 | 80 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 59.474 | -18.9 | 91 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 58.377 | -16.8 | 93 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 306.363 | -22.5 | 90 | 0.00 |
| 30 | C | Chloroform | 50.000 | 56.370 | -12.7# | 86 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 56.841 | -13.7 | 90 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.336 | -6.7 | 79 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 52.964 | -5.9 | 84 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.724 | 2.6 | 85 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 52.754 | -5.5 | 88 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 53.348 | -6.7 | 89 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 45.619 | 8.8 | 76 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 57.595 | -15.2 | 92 | 0.00 |
| 40 | TM | Benzene | 50.000 | 55.067 | -10.1 | 91 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 52.771 | -5.5 | 89 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.033 | -0.1 | 82 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 52.807 | -5.6 | 88 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.306 | 1.4 | 81 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 56.877 | -13.8# | 94 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.135 | -4.3 | 86 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 49.840 | 0.3 | 84 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 51.303 | -2.6 | 88 | 0.00 |

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_N
**LabSampleId :** VSTDCCC050

Quant Time: Jun 19 00:41:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 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 | 1099.659 | -10.0 | 90 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.349 | -0.7 | 87 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 270.221 | -8.1 | 89 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.975 | -4.0# | 86 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 51.629 | -3.3 | 85 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.724 | -7.4 | 89 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 51.580 | -3.2 | 87 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.946 | -7.9 | 90 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 53.402 | -6.8 | 90 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 251.169 | -0.5 | 87 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 266.725 | -6.7 | 88 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 47.843 | 4.3 | 79 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.206 | -0.4 | 85 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 47.086 | 5.8 | 82 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.383 | 5.2 | 76 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 52.192 | -4.4 | 84 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 48.923 | 2.2 | 78 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.841 | -5.7# | 85 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.796 | -2.8 | 84 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.171 | -4.3 | 84 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.600 | -5.2 | 83 | 0.00 |
| 71 | P | Bromoform | 50.000 | 46.266 | 7.5 | 74 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 79 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 53.486 | -7.0 | 84 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 56.327 | -12.7 | 87 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 58.153 | -16.3 | 92 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 53.405 | -6.8 | 82 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 50.082 | -0.2 | 79 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 55.385 | -10.8 | 87 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 53.349 | -6.7 | 84 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.169 | -6.3 | 83 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 55.393 | -10.8 | 89 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.689 | -7.4 | 84 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 53.808 | -7.6 | 84 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.094 | -4.2 | 82 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 55.995 | -12.0 | 87 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.923 | -5.8 | 83 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.151 | -0.3 | 77 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.189 | -0.4 | 78 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 56.269 | -12.5 | 88 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 55.149 | -10.3 | 83 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.579 | -5.2 | 80 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.321 | 1.4 | 79 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.673 | 0.7 | 75 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 44.082 | 11.8 | 70 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 45.103 | 9.8 | 75 | 0.00 |

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 19 00:41:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 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 | 49.062 | 1.9 | 75 | 0.00 |

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