Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
Data File : VN076812.D
Acq On : 24 Feb 2023 16:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 25 01:47:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 80 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.531 | 0.465 | 12.4 | 68 | 0.00 |
| 3 | P | Chloromethane | 0.693 | 0.575 | 17.0 | 75 | 0.00 |
| 4 | C | Vinyl Chloride | 0.682 | 0.603 | 11.6# | 74 | 0.00 |
| 5 | T | Bromomethane | 0.413 | 0.375 | 9.2 | 85 | 0.00 |
| 6 | T | Chloroethane | 0.431 | 0.438 | -1.6 | 83 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.928 | 0.842 | 9.3 | 78 | 0.00 |
| 8 | T | Diethyl Ether | 0.357 | 0.360 | -0.8 | 82 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.545 | 0.522 | 4.2 | 84 | 0.00 |
| 10 | T | Methyl Iodide | 0.673 | 0.704 | -4.6 | 75 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.091 | 0.094 | -3.3 | 86 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.516 | 0.472 | 8.5# | 78 | 0.00 |
| 13 | T | Acrolein | 0.137 | 0.138 | -0.7 | 84 | 0.00 |
| 14 | T | Allyl chloride | 0.894 | 0.896 | -0.2 | 84 | 0.00 |
| 15 | T | Acrylonitrile | 0.323 | 0.323 | 0.0 | 83 | 0.00 |
| 16 | T | Acetone | 0.308 | 0.322 | -4.5 | 97 | 0.00 |
| 17 | T | Carbon Disulfide | 1.363 | 1.099 | 19.4 | 68 | 0.00 |
| 18 | T | Methyl Acetate | 1.007 | 1.038 | -3.1 | 86 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.740 | 1.886 | -8.4 | 87 | 0.00 |
| 20 | T | Methylene Chloride | 0.646 | 0.607 | 6.0 | 81 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.581 | 0.530 | 8.8 | 80 | 0.00 |
| 22 | T | Diisopropyl ether | 2.097 | 2.359 | -12.5 | 90 | 0.00 |
| 23 | T | Vinyl Acetate | 1.241 | 1.513 | -21.9 | 89 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.149 | 1.147 | 0.2 | 86 | 0.00 |
| 25 | T | 2-Butanone | 0.455 | 0.477 | -4.8 | 88 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.829 | 0.910 | -9.8 | 91 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.689 | 0.666 | 3.3 | 82 | 0.00 |
| 28 | T | Bromochloromethane | 0.547 | 0.591 | -8.0 | 90 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.297 | 0.306 | -3.0 | 83 | 0.00 |
| 30 | C | Chloroform | 1.148 | 1.183 | -3.0# | 87 | 0.00 |
| 31 | T | Cyclohexane | 1.083 | 1.022 | 5.6 | 81 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.966 | 0.991 | -2.6 | 85 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.690 | 0.748 | -8.4 | 91 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.327 | 0.317 | 3.1 | 87 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.473 | 0.459 | 3.0 | 83 | 0.00 |
| 37 | T | Ethyl Acetate | 0.498 | 0.513 | -3.0 | 86 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.477 | 0.457 | 4.2 | 83 | 0.00 |
| 39 | T | Methylcyclohexane | 0.538 | 0.561 | -4.3 | 84 | 0.00 |
| 40 | TM | Benzene | 1.453 | 1.458 | -0.3 | 86 | 0.00 |
| 41 | T | Methacrylonitrile | 0.288 | 0.279 | 3.1 | 79 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.507 | 0.520 | -2.6 | 89 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.810 | 0.894 | -10.4 | 88 | 0.00 |
| 44 | TM | Trichloroethene | 0.343 | 0.328 | 4.4 | 80 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.385 | 0.401 | -4.2# | 90 | 0.00 |
| 46 | T | Dibromomethane | 0.246 | 0.256 | -4.1 | 89 | 0.00 |
| 47 | T | Bromodichloromethane | 0.493 | 0.511 | -3.7 | 88 | 0.00 |
| 48 | T | Methyl methacrylate | 0.384 | 0.411 | -7.0 | 89 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
Data File : VN076812.D
Acq On : 24 Feb 2023 16:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 25 01:47:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.007 | 0.007 | 0.0 | 93 | 0.00 |
| 50 | S | Toluene-d8 | 1.223 | 1.294 | -5.8 | 91 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.515 | 0.555 | -7.8 | 89 | 0.00 |
| 52 | CM | Toluene | 0.877 | 0.949 | -8.2# | 89 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.476 | 0.548 | -15.1 | 90 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.549 | 0.596 | -8.6 | 89 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.357 | 0.377 | -5.6 | 91 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.502 | 0.581 | -15.7 | 88 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.613 | 0.646 | -5.4 | 90 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.230 | 0.252 | -9.6 | 84 | 0.00 |
| 59 | T | 2-Hexanone | 0.372 | 0.411 | -10.5 | 89 | 0.00 |
| 60 | T | Dibromochloromethane | 0.376 | 0.398 | -5.9 | 87 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.357 | 0.369 | -3.4 | 88 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.405 | 0.460 | -13.6 | 95 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 64 | T | Tetrachloroethene | 0.315 | 0.291 | 7.6 | 82 | 0.00 |
| 65 | PM | Chlorobenzene | 1.060 | 1.046 | 1.3 | 90 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.385 | 0.389 | -1.0 | 88 | 0.00 |
| 67 | C | Ethyl Benzene | 1.805 | 1.899 | -5.2# | 91 | 0.00 |
| 68 | T | m/p-Xylenes | 0.696 | 0.743 | -6.8 | 89 | 0.00 |
| 69 | T | o-Xylene | 0.679 | 0.735 | -8.2 | 91 | 0.00 |
| 70 | T | Styrene | 1.097 | 1.242 | -13.2 | 92 | 0.00 |
| 71 | P | Bromoform | 0.282 | 0.294 | -4.3 | 89 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 73 | T | Isopropylbenzene | 3.665 | 3.709 | -1.2 | 93 | 0.00 |
| 74 | T | N-amyl acetate | 1.652 | 1.586 | 4.0 | 86 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.327 | 1.183 | 10.9 | 92 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.011 | 0.968 | 4.3 | 93 | 0.00 |
| 77 | T | Bromobenzene | 0.914 | 0.864 | 5.5 | 91 | 0.00 |
| 78 | T | n-propylbenzene | 4.303 | 4.490 | -4.3 | 94 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.635 | 2.620 | 0.6 | 95 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.029 | 3.161 | -4.4 | 93 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.347 | 0.380 | -9.5 | 98 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.635 | 2.620 | 0.6 | 95 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.740 | 2.830 | -3.3 | 93 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.019 | 3.172 | -5.1 | 94 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.825 | 4.124 | -7.8 | 94 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.055 | 3.426 | -12.1 | 95 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.728 | 1.724 | 0.2 | 94 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.721 | 1.720 | 0.1 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 2.657 | 3.009 | -13.2 | 95 | 0.00 |
| 90 | T | Hexachloroethane | 0.640 | 0.603 | 5.8 | 91 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.772 | 1.728 | 2.5 | 93 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.257 | 0.215 | 16.3 | 86 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.884 | 0.909 | -2.8 | 88 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.433 | 0.437 | -0.9 | 93 | 0.00 |
| 95 | T | Naphthalene | 2.682 | 2.774 | -3.4 | 83 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
Data File : VN076812.D
Acq On : 24 Feb 2023 16:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 25 01:47:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.856 | 0.872 | -1.9 | 86 | 0.00 |

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