Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
Data File : VN075285.D
Acq On : 15 Nov 2022 16:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 16 01:03:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.650 | 0.533 | 18.0 | 96 | 0.00 |
| 3 | P | Chloromethane | 0.691 | 0.557 | 19.4 | 97 | 0.00 |
| 4 | C | Vinyl Chloride | 0.986 | 0.784 | 20.5# | 92 | 0.00 |
| 5 | T | Bromomethane | 0.808 | 0.774 | 4.2 | 114 | 0.00 |
| 6 | T | Chloroethane | 0.707 | 0.558 | 21.1 | 95 | 0.01 |
| 7 | T | Trichlorofluoromethane | 1.007 | 1.014 | -0.7 | 118 | 0.01 |
| 8 | T | Diethyl Ether | 0.367 | 0.371 | -1.1 | 118 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.556 | 0.577 | -3.8 | 122 | 0.00 |
| 10 | T | Methyl Iodide | 0.828 | 0.875 | -5.7 | 128 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.157 | 0.108 | 31.2# | 87 | -0.02 |
| 12 | CM | 1,1-Dichloroethene | 0.530 | 0.553 | -4.3# | 123 | 0.00 |
| 13 | T | Acrolein | 0.129 | 0.096 | 25.6# | 90 | 0.00 |
| 14 | T | Allyl chloride | 0.774 | 0.754 | 2.6 | 111 | 0.00 |
| 15 | T | Acrylonitrile | 0.332 | 0.296 | 10.8 | 106 | 0.00 |
| 16 | T | Acetone | 0.285 | 0.250 | 12.3 | 109 | 0.00 |
| 17 | T | Carbon Disulfide | 1.333 | 1.297 | 2.7 | 113 | 0.00 |
| 18 | T | Methyl Acetate | 0.932 | 0.827 | 11.3 | 106 | -0.01 |
| 19 | T | Methyl tert-butyl Ether | 1.970 | 1.932 | 1.9 | 114 | 0.00 |
| 20 | T | Methylene Chloride | 0.636 | 0.634 | 0.3 | 120 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.580 | 0.603 | -4.0 | 123 | 0.00 |
| 22 | T | Diisopropyl ether | 1.708 | 1.702 | 0.4 | 115 | 0.00 |
| 23 | T | Vinyl Acetate | 1.427 | 1.349 | 5.5 | 108 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.080 | 1.076 | 0.4 | 118 | 0.00 |
| 25 | T | 2-Butanone | 0.449 | 0.384 | 14.5 | 103 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.994 | 0.954 | 4.0 | 113 | -0.01 |
| 27 | T | cis-1,2-Dichloroethene | 0.693 | 0.735 | -6.1 | 124 | 0.00 |
| 28 | T | Bromochloromethane | 0.455 | 0.395 | 13.2 | 100 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.290 | 0.248 | 14.5 | 99 | 0.00 |
| 30 | C | Chloroform | 1.173 | 1.187 | -1.2# | 118 | 0.00 |
| 31 | T | Cyclohexane | 1.002 | 0.969 | 3.3 | 115 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.065 | 1.078 | -1.2 | 116 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.674 | 0.565 | 16.2 | 101 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.294 | 0.301 | -2.4 | 111 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.454 | 0.506 | -11.5 | 117 | 0.00 |
| 37 | T | Ethyl Acetate | 0.498 | 0.438 | 12.0 | 99 | -0.01 |
| 38 | T | Carbon Tetrachloride | 0.500 | 0.545 | -9.0 | 113 | 0.00 |
| 39 | T | Methylcyclohexane | 0.600 | 0.673 | -12.2 | 118 | 0.00 |
| 40 | TM | Benzene | 1.391 | 1.530 | -10.0 | 117 | 0.00 |
| 41 | T | Methacrylonitrile | 0.239 | 0.234 | 2.1 | 104 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.506 | 0.518 | -2.4 | 109 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.773 | 0.737 | 4.7 | 101 | 0.00 |
| 44 | TM | Trichloroethene | 0.349 | 0.404 | -15.8 | 126 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.331 | 0.371 | -12.1# | 116 | 0.00 |
| 46 | T | Dibromomethane | 0.258 | 0.280 | -8.5 | 117 | 0.00 |
| 47 | T | Bromodichloromethane | 0.500 | 0.537 | -7.4 | 115 | 0.00 |
| 48 | T | Methyl methacrylate | 0.355 | 0.351 | 1.1 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
Data File : VN075285.D
Acq On : 15 Nov 2022 16:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 16 01:03:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.009 | 0.009 | 0.0 | 106 | 0.00 |
| 50 | S | Toluene-d8 | 1.139 | 1.081 | 5.1 | 101 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.499 | 0.461 | 7.6 | 99 | 0.00 |
| 52 | CM | Toluene | 0.930 | 1.031 | -10.9# | 112 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.527 | 0.577 | -9.5 | 110 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.559 | 0.617 | -10.4 | 113 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.369 | 0.395 | -7.0 | 112 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.563 | 0.590 | -4.8 | 107 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.614 | 0.659 | -7.3 | 113 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.217 | 0.214 | 1.4 | 98 | 0.00 |
| 59 | T | 2-Hexanone | 0.379 | 0.343 | 9.5 | 97 | 0.00 |
| 60 | T | Dibromochloromethane | 0.389 | 0.435 | -11.8 | 113 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.378 | 0.417 | -10.3 | 112 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.400 | 0.419 | -4.7 | 106 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 103 | 0.00 |
| 64 | T | Tetrachloroethene | 0.307 | 0.382 | -24.4 | 136 | 0.00 |
| 65 | PM | Chlorobenzene | 1.067 | 1.191 | -11.6 | 118 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.396 | 0.441 | -11.4 | 116 | 0.00 |
| 67 | C | Ethyl Benzene | 1.920 | 2.171 | -13.1# | 116 | 0.00 |
| 68 | T | m/p-Xylenes | 0.770 | 0.868 | -12.7 | 112 | 0.00 |
| 69 | T | o-Xylene | 0.762 | 0.860 | -12.9 | 116 | 0.00 |
| 70 | T | Styrene | 1.215 | 1.415 | -16.5 | 116 | 0.00 |
| 71 | P | Bromoform | 0.296 | 0.337 | -13.9 | 116 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 109 | 0.00 |
| 73 | T | Isopropylbenzene | 4.014 | 3.995 | 0.5 | 113 | 0.00 |
| 74 | T | N-amyl acetate | 1.485 | 1.279 | 13.9 | 101 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.309 | 1.145 | 12.5 | 104 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.062 | 0.972 | 8.5 | 100 | 0.00 |
| 77 | T | Bromobenzene | 0.884 | 0.951 | -7.6 | 125 | 0.00 |
| 78 | T | n-propylbenzene | 4.507 | 4.684 | -3.9 | 116 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.754 | 2.746 | 0.3 | 113 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.371 | 3.520 | -4.4 | 115 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.414 | 0.348 | 15.9 | 94 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.754 | 2.746 | 0.3 | 113 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.996 | 3.127 | -4.4 | 117 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.411 | 3.579 | -4.9 | 116 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.191 | 4.448 | -6.1 | 117 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.461 | 3.859 | -11.5 | 120 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.731 | 1.941 | -12.1 | 125 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.713 | 1.950 | -13.8 | 128 | 0.00 |
| 89 | T | n-Butylbenzene | 2.787 | 3.239 | -16.2 | 123 | 0.00 |
| 90 | T | Hexachloroethane | 0.635 | 0.612 | 3.6 | 107 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.720 | 1.920 | -11.6 | 125 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.271 | 0.216 | 20.3 | 90 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.740 | 0.957 | -29.3# | 138 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.361 | 0.462 | -28.0# | 149 | 0.00 |
| 95 | T | Naphthalene | 2.847 | 3.080 | -8.2 | 115 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
Data File : VN075285.D
Acq On : 15 Nov 2022 16:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 16 01:03:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.736 | 0.929 | -26.2# | 138 | 0.00 |

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