Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
Data File : VX026154.D
Acq On : 29 Dec 2021 21:38
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX123021

Quant Time: Dec 30 08:03:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 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 | 108 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 47.802 | 4.4 | 99 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 46.447 | 7.1 | 99 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 46.998 | 6.0# | 101 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 48.047 | 3.9 | 100 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 44.048 | 11.9 | 98 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.314 | 5.4 | 99 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.954 | 4.1 | 100 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 46.519 | 7.0 | 99 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.758 | 4.5 | 98 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 219.466 | 12.2 | 101 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 46.819 | 6.4# | 100 | 0.00 |
| 13 | T | Acrolein | 250.000 | 312.844 | -25.1# | 148 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 46.995 | 6.0 | 100 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 235.583 | 5.8 | 100 | 0.00 |
| 16 | T | Acetone | 250.000 | 209.337 | 16.3 | 93 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.672 | 6.7 | 101 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 46.512 | 7.0 | 100 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 47.482 | 5.0 | 100 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 47.223 | 5.6 | 99 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 46.255 | 7.5 | 101 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 48.018 | 4.0 | 100 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 246.551 | 1.4 | 100 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 47.436 | 5.1 | 100 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 229.012 | 8.4 | 98 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 47.496 | 5.0 | 100 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 47.373 | 5.3 | 100 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.680 | 6.6 | 101 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 234.540 | 6.2 | 98 | 0.00 |
| 30 | C | Chloroform | 50.000 | 47.238 | 5.5# | 100 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.717 | 4.6 | 100 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 47.947 | 4.1 | 101 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.093 | -2.2 | 119 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.266 | -4.5 | 119 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 47.836 | 4.3 | 99 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 47.540 | 4.9 | 97 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.097 | 5.8 | 99 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.752 | 4.5 | 99 | 0.00 |
| 40 | TM | Benzene | 50.000 | 47.214 | 5.6 | 99 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 48.325 | 3.3 | 99 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 47.227 | 5.5 | 100 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 47.721 | 4.6 | 99 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 47.027 | 5.9 | 100 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 48.089 | 3.8# | 98 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.276 | 7.4 | 97 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 47.126 | 5.7 | 99 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 48.961 | 2.1 | 100 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
Data File : VX026154.D
Acq On : 29 Dec 2021 21:38
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX123021

Quant Time: Dec 30 08:03:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 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 | 956.589 | 4.3 | 98 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.848 | -1.7 | 116 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 243.108 | 2.8 | 99 | 0.00 |
| 52 | CM | Toluene | 50.000 | 47.468 | 5.1# | 98 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 45.320 | 9.4 | 100 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.792 | 2.4 | 99 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 47.479 | 5.0 | 99 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 50.316 | -0.6 | 101 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 47.466 | 5.1 | 100 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 232.928 | 6.8 | 102 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 242.142 | 3.1 | 98 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 48.188 | 3.6 | 100 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 48.295 | 3.4 | 100 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 51.962 | -3.9 | 118 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 44.759 | 10.5 | 98 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 46.806 | 6.4 | 99 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 47.922 | 4.2 | 99 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 48.689 | 2.6# | 100 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 97.352 | 2.6 | 99 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 48.410 | 3.2 | 98 | 0.00 |
| 70 | T | Styrene | 50.000 | 50.072 | -0.1 | 98 | 0.00 |
| 71 | P | Bromoform | 50.000 | 47.689 | 4.6 | 97 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 48.110 | 3.8 | 98 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.681 | -1.4 | 99 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 46.685 | 6.6 | 99 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.954 | 6.1 | 99 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.228 | 3.5 | 99 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 49.567 | 0.9 | 98 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 47.489 | 5.0 | 98 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 48.963 | 2.1 | 99 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 46.573 | 6.9 | 96 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 48.677 | 2.6 | 98 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 48.319 | 3.4 | 97 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 49.030 | 1.9 | 99 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 49.281 | 1.4 | 99 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 48.866 | 2.3 | 99 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.251 | 3.5 | 98 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 45.572 | 8.9 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 48.499 | 3.0 | 97 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 47.816 | 4.4 | 98 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 44.768 | 10.5 | 98 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 45.939 | 8.1 | 98 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 47.517 | 5.0 | 97 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 44.976 | 10.0 | 94 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.254 | 3.5 | 94 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
Data File : VX026154.D
Acq On : 29 Dec 2021 21:38
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX123021

Quant Time: Dec 30 08:03:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 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 | 49.911 | 0.2 | 101 | 0.00 |

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