Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038044.D
Acq On : 03 Oct 2023 17:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX100323

Quant Time: Oct 04 09:12:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 57.234 | -14.5 | 119 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 44.145 | 11.7 | 94 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 51.993 | -4.0# | 107 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 55.147 | -10.3 | 134 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 55.809 | -11.6 | 111 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 49.751 | 0.5 | 113 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 50.484 | -1.0 | 113 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 46.207 | 7.6 | 102 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 56.682 | -13.4 | 111 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 257.678 | -3.1 | 114 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 49.616 | 0.8# | 103 | 0.00 |
| 13 | T | Acrolein | 250.000 | 248.416 | 0.6 | 113 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 50.345 | -0.7 | 106 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 260.446 | -4.2 | 109 | 0.00 |
| 16 | T | Acetone | 250.000 | 236.205 | 5.5 | 107 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 49.001 | 2.0 | 104 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 51.154 | -2.3 | 108 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.307 | -2.6 | 106 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 48.196 | 3.6 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.112 | 1.8 | 103 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.781 | -1.6 | 105 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 263.833 | -5.5 | 103 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.960 | 0.1 | 106 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 259.129 | -3.7 | 108 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 44.701 | 10.6 | 94 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.941 | -1.9 | 107 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.102 | -4.2 | 104 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 266.478 | -6.6 | 109 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.424 | -0.8# | 104 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.734 | 0.5 | 104 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 51.905 | -3.8 | 103 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.070 | -2.1 | 103 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.135 | -2.3 | 104 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 47.788 | 4.4 | 104 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 54.298 | -8.6 | 109 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.210 | -0.4 | 105 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 48.245 | 3.5 | 102 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.680 | 0.6 | 105 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 52.828 | -5.7 | 105 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.313 | -0.6 | 104 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.692 | -7.4 | 107 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 46.604 | 6.8 | 104 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.616 | -1.2# | 104 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.462 | 1.1 | 105 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.620 | -5.2 | 104 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.153 | -4.3 | 104 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038044.D
Acq On : 03 Oct 2023 17:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX100323

Quant Time: Oct 04 09:12:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1171.580 | -17.2 | 118 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 51.867 | -3.7 | 103 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 264.778 | -5.9 | 106 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.772 | 0.5# | 102 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.609 | -9.2 | 102 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.150 | -6.3 | 103 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 52.037 | -4.1 | 106 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 55.118 | -10.2 | 106 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.619 | -1.2 | 103 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 265.741 | -6.3 | 104 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 269.908 | -8.0 | 106 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 55.264 | -10.5 | 102 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.204 | -6.4 | 105 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 53.105 | -6.2 | 102 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 106 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.261 | 1.5 | 108 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 48.471 | 3.1 | 105 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.027 | -6.1 | 105 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.834 | 0.3# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 99.974 | 0.0 | 104 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.210 | -2.4 | 104 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.008 | -4.0 | 103 | 0.00 |
| 71 | P | Bromoform | 50.000 | 57.676 | -15.4 | 104 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.108 | -0.2 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 53.088 | -6.2 | 103 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.642 | -1.3 | 103 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 52.204 | -4.4 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.760 | 0.5 | 105 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 49.811 | 0.4 | 102 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 49.773 | 0.5 | 104 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.498 | -3.0 | 102 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 54.240 | -8.5 | 98 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 49.529 | 0.9 | 103 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 51.162 | -2.3 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.701 | -3.4 | 103 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.648 | -1.3 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 51.187 | -2.4 | 101 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.310 | 3.4 | 102 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.279 | 5.4 | 103 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.533 | -1.1 | 100 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 53.899 | -7.8 | 102 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.649 | 0.7 | 100 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 54.902 | -9.8 | 98 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.338 | 7.3 | 98 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 45.462 | 9.1 | 95 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.899 | 2.2 | 99 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038044.D
Acq On : 03 Oct 2023 17:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX100323

Quant Time: Oct 04 09:12:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 46.597 | 6.8 | 98 | 0.00 |

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