Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041190.D
Acq On : 22 Apr 2024 15:18
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX042224

Quant Time: Apr 23 05:34:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
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 | 105 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 49.029 | 1.9 | 99 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 47.162 | 5.7 | 101 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.141 | 1.7# | 100 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 48.007 | 4.0 | 99 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.120 | 3.8 | 114 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 48.384 | 3.2 | 100 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.300 | 5.4 | 100 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 53.797 | -7.6 | 118 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 56.034 | -12.1 | 118 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 258.952 | -3.6 | 99 | -0.04 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 53.973 | -7.9# | 117 | 0.00 |
| 13 | T | Acrolein | 250.000 | 226.566 | 9.4 | 97 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 54.485 | -9.0 | 114 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 262.489 | -5.0 | 104 | 0.00 |
| 16 | T | Acetone | 250.000 | 256.172 | -2.5 | 114 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 52.629 | -5.3 | 122 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.025 | -0.0 | 115 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 50.554 | -1.1 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 50.433 | -0.9 | 115 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.607 | 0.8 | 99 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.249 | -0.5 | 101 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 265.704 | -6.3 | 102 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 50.554 | -1.1 | 100 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 257.860 | -3.1 | 104 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.887 | -1.8 | 101 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.570 | 0.9 | 101 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 45.029 | 9.9 | 103 | -0.01 |
| 29 | T | Tetrahydrofuran | 250.000 | 254.932 | -2.0 | 103 | -0.01 |
| 30 | C | Chloroform | 50.000 | 49.989 | 0.0# | 101 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.026 | 1.9 | 100 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 50.712 | -1.4 | 101 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.302 | 1.4 | 111 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.490 | -1.0 | 111 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.132 | -0.3 | 103 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 53.632 | -7.3 | 103 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 51.827 | -3.7 | 102 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.824 | -1.6 | 101 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.920 | 0.2 | 100 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 54.637 | -9.3 | 103 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.985 | 0.0 | 100 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.259 | -2.5 | 102 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.167 | -0.3 | 101 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 49.848 | 0.3# | 100 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.519 | -3.0 | 102 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.196 | -6.4 | 101 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 53.764 | -7.5 | 102 | 0.00 |

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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX042224

Quant Time: Apr 23 05:34:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
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 | 1081.724 | -8.2 | 99 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 51.871 | -3.7 | 109 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 268.664 | -7.5 | 104 | 0.00 |
| 52 | CM | Toluene | 50.000 | 52.499 | -5.0# | 101 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 55.652 | -11.3 | 103 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.707 | -7.4 | 101 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 52.460 | -4.9 | 100 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 55.984 | -12.0 | 103 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.649 | -3.3 | 101 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 248.305 | 0.7 | 98 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 273.190 | -9.3 | 105 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 55.115 | -10.2 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.546 | -5.1 | 101 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 54.353 | -8.7 | 113 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 50.856 | -1.7 | 103 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.937 | 0.1 | 101 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 52.139 | -4.3 | 102 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 51.037 | -2.1# | 101 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.416 | -2.4 | 102 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.960 | -3.9 | 103 | 0.00 |
| 70 | T | Styrene | 50.000 | 53.892 | -7.8 | 103 | 0.00 |
| 71 | P | Bromoform | 50.000 | 57.453 | -14.9 | 105 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 107 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 49.511 | 1.0 | 103 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 52.305 | -4.6 | 105 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.621 | 0.8 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 48.936 | 2.1 | 107 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.888 | 2.2 | 105 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.483 | -1.0 | 103 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.474 | 3.1 | 102 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 50.494 | -1.0 | 105 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.270 | -4.5 | 104 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 49.447 | 1.1 | 105 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.728 | -1.5 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 50.925 | -1.8 | 104 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 51.805 | -3.6 | 104 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.689 | -5.4 | 106 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.504 | 1.0 | 104 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.685 | 2.6 | 105 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.286 | -8.6 | 106 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 52.443 | -4.9 | 106 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.338 | -0.7 | 105 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.011 | -4.0 | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.444 | -4.9 | 107 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 52.591 | -5.2 | 107 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 52.393 | -4.8 | 104 | 0.00 |

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**ClientSampleId :**
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 50.913 | -1.8 | 105 | 0.00 |

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