Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
Data File : VX037683.D
Acq On : 13 Sep 2023 10:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Sep 14 02:14:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 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 | 136 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 49.359 | 1.3 | 135 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 45.658 | 8.7 | 129 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 45.255 | 9.5# | 126 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 47.372 | 5.3 | 127 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 40.594 | 18.8 | 120 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 46.188 | 7.6 | 122 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 44.735 | 10.5 | 120 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.680 | -1.4 | 141 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 52.695 | -5.4 | 140 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 242.766 | 2.9 | 130 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 47.972 | 4.1# | 136 | 0.00 |
| 13 | T | Acrolein | 250.000 | 247.651 | 0.9 | 134 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 48.304 | 3.4 | 133 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 235.381 | 5.8 | 127 | 0.00 |
| 16 | T | Acetone | 250.000 | 250.155 | -0.1 | 141 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.167 | 7.7 | 133 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 46.120 | 7.8 | 127 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 48.298 | 3.4 | 132 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.972 | 0.1 | 134 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.619 | 4.8 | 132 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 47.873 | 4.3 | 130 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 246.868 | 1.3 | 128 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 46.975 | 6.0 | 130 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 232.320 | 7.1 | 128 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 56.788 | -13.6 | 150 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.448 | 3.1 | 134 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 44.779 | 10.4 | 122 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 228.553 | 8.6 | 125 | 0.00 |
| 30 | C | Chloroform | 50.000 | 47.295 | 5.4# | 128 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 48.064 | 3.9 | 130 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.395 | 1.2 | 131 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 44.621 | 10.8 | 124 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 128 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.333 | -2.7 | 132 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.314 | -0.6 | 129 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 50.989 | -2.0 | 124 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 53.310 | -6.6 | 135 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 54.325 | -8.7 | 137 | 0.00 |
| 40 | TM | Benzene | 50.000 | 51.108 | -2.2 | 129 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 50.342 | -0.7 | 122 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 48.659 | 2.7 | 124 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 52.056 | -4.1 | 127 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 53.230 | -6.5 | 138 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.599 | -1.2# | 127 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.346 | -2.7 | 131 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.850 | -7.7 | 132 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.074 | -4.1 | 127 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Sep 14 02:14:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 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 | 1075.778 | -7.6 | 131 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 51.178 | -2.4 | 130 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 257.993 | -3.2 | 124 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.951 | -3.9# | 131 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 58.734 | -17.5 | 138 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.426 | -12.9 | 135 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 53.396 | -6.8 | 131 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.950 | -7.9 | 130 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.133 | -2.3 | 129 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 286.517 | -14.6 | 147 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 261.476 | -4.6 | 122 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 57.327 | -14.7 | 137 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.035 | -6.1 | 131 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 53.456 | -6.9 | 131 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 126 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 53.346 | -6.7 | 140 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 52.870 | -5.7 | 133 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 56.574 | -13.1 | 137 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 53.666 | -7.3# | 132 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 108.539 | -8.5 | 132 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.599 | -9.2 | 134 | 0.00 |
| 70 | T | Styrene | 50.000 | 55.876 | -11.8 | 132 | 0.00 |
| 71 | P | Bromoform | 50.000 | 60.289 | -20.6 | 138 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 127 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.372 | -2.7 | 134 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.012 | -2.0 | 125 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.031 | 1.9 | 125 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 49.769 | 0.5 | 128 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 53.017 | -6.0 | 137 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.854 | -5.7 | 133 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.647 | -1.3 | 131 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.986 | -6.0 | 134 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 57.887 | -15.8 | 139 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.538 | -3.1 | 133 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.327 | -4.7 | 131 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.536 | -5.1 | 131 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.666 | -7.3 | 134 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 55.614 | -11.2 | 137 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 52.740 | -5.5 | 136 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 51.266 | -2.5 | 134 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 55.181 | -10.4 | 135 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 56.337 | -12.7 | 136 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.158 | -4.3 | 132 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 51.343 | -2.7 | 125 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 56.022 | -12.0 | 144 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 57.578 | -15.2 | 144 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 52.337 | -4.7 | 130 | 0.00 |

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**LabSampleId :**
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Quant Title : SW846 8260
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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 | 54.408 | -8.8 | 142 | 0.00 |

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