Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
Data File : VX043671.D
Acq On : 01 Nov 2024 18:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 04 06:17:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 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 | 119 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.425 | 3.2 | 122 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 42.786 | 14.4 | 107 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 47.504 | 5.0# | 113 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 47.070 | 5.9 | 111 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 52.942 | -5.9 | 126 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 55.330 | -10.7 | 132 | 0.01 |
| 8 | T | Diethyl Ether | 50.000 | 48.586 | 2.8 | 117 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 56.289 | -12.6 | 134 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 53.110 | -6.2 | 123 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 11.476 | 95.4# | 5 | 0.04 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 53.241 | -6.5# | 127 | 0.00 |
| 13 | T | Acrolein | 250.000 | 220.196 | 11.9 | 113 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 54.759 | -9.5 | 127 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 266.270 | -6.5 | 123 | 0.00 |
| 16 | T | Acetone | 250.000 | 247.150 | 1.1 | 120 | -0.01 |
| 17 | T | Carbon Disulfide | 50.000 | 48.216 | 3.6 | 114 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 52.154 | -4.3 | 125 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.424 | -6.8 | 125 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 48.908 | 2.2 | 120 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 52.215 | -4.4 | 126 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 54.020 | -8.0 | 127 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 275.061 | -10.0 | 123 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 53.205 | -6.4 | 126 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 269.746 | -7.9 | 123 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 53.611 | -7.2 | 130 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 53.122 | -6.2 | 124 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.536 | -7.1 | 132 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 264.987 | -6.0 | 123 | 0.00 |
| 30 | C | Chloroform | 50.000 | 52.857 | -5.7# | 125 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 54.144 | -8.3 | 130 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 55.925 | -11.8 | 131 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 45.818 | 8.4 | 111 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 116 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.219 | -0.4 | 118 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 55.195 | -10.4 | 133 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 55.019 | -10.0 | 123 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 56.299 | -12.6 | 131 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 55.583 | -11.2 | 126 | 0.00 |
| 40 | TM | Benzene | 50.000 | 53.285 | -6.6 | 123 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 59.955 | -19.9 | 132 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.625 | -5.3 | 119 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 55.494 | -11.0 | 125 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 55.329 | -10.7 | 127 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 53.782 | -7.6# | 122 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.237 | -6.5 | 121 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 56.061 | -12.1 | 122 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 56.645 | -13.3 | 125 | 0.00 |

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

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

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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) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1035.031 | -3.5 | 115 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.743 | -1.5 | 118 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 284.389 | -13.8 | 124 | 0.00 |
| 52 | CM | Toluene | 50.000 | 54.523 | -9.0# | 123 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 55.751 | -11.5 | 122 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.734 | -13.5 | 124 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.267 | -8.5 | 120 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 56.344 | -12.7 | 122 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 53.445 | -6.9 | 118 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 246.806 | 1.3 | 114 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 283.567 | -13.4 | 123 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 57.633 | -15.3 | 122 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.627 | -7.3 | 119 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.271 | -4.5 | 119 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 54.774 | -9.5 | 127 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 54.468 | -8.9 | 124 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 57.958 | -15.9 | 124 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 56.731 | -13.5# | 127 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 112.653 | -12.7 | 124 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 56.485 | -13.0 | 125 | 0.00 |
| 70 | T | Styrene | 50.000 | 57.514 | -15.0 | 124 | 0.00 |
| 71 | P | Bromoform | 50.000 | 57.747 | -15.5 | 120 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 112 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 58.422 | -16.8 | 130 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 57.325 | -14.7 | 125 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 54.484 | -9.0 | 120 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 54.446 | -8.9 | 121 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 55.315 | -10.6 | 122 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 59.921 | -19.8 | 130 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 56.434 | -12.9 | 128 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 58.494 | -17.0 | 127 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 57.156 | -14.3 | 119 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 56.637 | -13.3 | 126 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 59.625 | -19.3 | 132 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 58.533 | -17.1 | 127 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 60.801 | -21.6 | 131 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 61.411 | -22.8 | 132 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 57.085 | -14.2 | 127 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 53.729 | -7.5 | 123 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 63.320 | -26.6# | 132 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 60.743 | -21.5 | 127 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 55.494 | -11.0 | 120 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 57.297 | -14.6 | 118 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 57.169 | -14.3 | 120 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 57.659 | -15.3 | 130 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 56.778 | -13.6 | 120 | 0.00 |

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**LabSampleId :**
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 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) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 55.029 | -10.1 | 120 | 0.00 |

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