Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
Data File : VX024511.D
Acq On : 04 Oct 2021 11:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 03:18:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 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 | 109 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 47.955 | 4.1 | 100 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 46.158 | 7.7 | 100 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 46.119 | 7.8# | 98 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 42.527 | 14.9 | 90 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 43.983 | 12.0 | 98 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 46.995 | 6.0 | 101 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 48.918 | 2.2 | 111 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.261 | -0.5 | 110 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.430 | -0.9 | 108 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 213.777 | 14.5 | 91 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 49.895 | 0.2# | 110 | 0.00 |
| 13 | T | Acrolein | 250.000 | 305.339 | -22.1 | 132 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 51.267 | -2.5 | 110 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 244.574 | 2.2 | 107 | 0.00 |
| 16 | T | Acetone | 250.000 | 289.147 | -15.7 | 119 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 44.939 | 10.1 | 101 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 48.746 | 2.5 | 109 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.930 | -7.9 | 118 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 52.586 | -5.2 | 115 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.452 | 3.1 | 108 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 51.518 | -3.0 | 112 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 266.163 | -6.5 | 112 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.334 | -2.7 | 111 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 253.796 | -1.5 | 108 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 52.421 | -4.8 | 114 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.961 | 0.1 | 110 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 47.307 | 5.4 | 113 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 240.916 | 3.6 | 101 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.949 | -1.9# | 112 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 48.977 | 2.0 | 106 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 51.461 | -2.9 | 109 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 50.397 | -0.8 | 111 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.796 | -3.6 | 111 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.616 | -1.2 | 108 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 48.577 | 2.8 | 106 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 52.841 | -5.7 | 108 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.496 | -5.0 | 107 | 0.00 |
| 40 | TM | Benzene | 50.000 | 51.018 | -2.0 | 110 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.129 | -2.3 | 108 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.220 | -4.4 | 110 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.714 | -3.4 | 111 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.909 | -1.8 | 110 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.313 | -4.6# | 112 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.370 | -2.7 | 111 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 54.972 | -9.9 | 113 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.079 | -4.2 | 109 | 0.00 |

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
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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 | 894.377 | 10.6 | 90 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.425 | -0.8 | 107 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 253.790 | -1.5 | 105 | 0.00 |
| 52 | CM | Toluene | 50.000 | 52.039 | -4.1# | 110 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 55.887 | -11.8 | 115 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.402 | -12.8 | 116 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.358 | -8.7 | 114 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.590 | -9.2 | 113 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 52.925 | -5.8 | 113 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 270.172 | -8.1 | 110 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 257.602 | -3.0 | 105 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.261 | -2.5 | 114 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 54.290 | -8.6 | 113 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 51.913 | -3.8 | 111 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 52.571 | -5.1 | 111 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 52.435 | -4.9 | 111 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 54.897 | -9.8 | 114 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 53.083 | -6.2# | 109 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 107.828 | -7.8 | 109 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.066 | -8.1 | 111 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.552 | -9.1 | 111 | 0.00 |
| 71 | P | Bromoform | 50.000 | 50.383 | -0.8 | 117 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 108 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.346 | -4.7 | 109 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.750 | -3.5 | 109 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.937 | -1.9 | 110 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 52.808 | -5.6 | 113 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.769 | -3.5 | 113 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.583 | -5.2 | 110 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.669 | -5.3 | 111 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.330 | -8.7 | 111 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.246 | -4.5 | 115 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 52.247 | -4.5 | 110 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 53.381 | -6.8 | 110 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.706 | -9.4 | 111 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.796 | -9.6 | 112 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 54.572 | -9.1 | 111 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.314 | -2.6 | 111 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.696 | -1.4 | 112 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 54.728 | -9.5 | 112 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 53.584 | -7.2 | 112 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.497 | -3.0 | 112 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.010 | -4.0 | 107 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 54.117 | -8.2 | 115 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.277 | -2.6 | 109 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 57.459 | -14.9 | 112 | 0.00 |

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MSVOA_X
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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 | 53.391 | -6.8 | 114 | 0.00 |

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