Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
Data File : VX040342.D
Acq On : 19 Feb 2024 19:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 20 01:21:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 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 | 98 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 56.615 | -13.2 | 106 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 52.364 | -4.7 | 106 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 51.276 | -2.6# | 98 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 55.729 | -11.5 | 97 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.946 | 2.1 | 98 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 49.790 | 0.4 | 98 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 51.512 | -3.0 | 107 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 55.082 | -10.2 | 109 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 55.086 | -10.2 | 103 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 249.453 | 0.2 | 99 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 52.758 | -5.5# | 105 | 0.00 |
| 13 | T | Acrolein | 250.000 | 181.081 | 27.6# | 76 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 58.452 | -16.9 | 117 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 304.851 | -21.9 | 118 | 0.00 |
| 16 | T | Acetone | 250.000 | 324.372 | -29.7# | 131 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 44.494 | 11.0 | 93 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 55.614 | -11.2 | 110 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 57.447 | -14.9 | 110 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 62.285 | -24.6 | 120 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.822 | 0.4 | 104 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 60.632 | -21.3 | 117 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 302.347 | -20.9 | 116 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 57.579 | -15.2 | 115 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 306.189 | -22.5 | 120 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 52.013 | -4.0 | 101 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 54.535 | -9.1 | 110 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 60.558 | -21.1 | 115 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 295.615 | -18.2 | 116 | 0.00 |
| 30 | C | Chloroform | 50.000 | 55.961 | -11.9# | 111 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 51.829 | -3.7 | 105 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 55.168 | -10.3 | 107 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 55.353 | -10.7 | 112 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 105 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.297 | -0.6 | 108 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.700 | -1.4 | 107 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 55.792 | -11.6 | 119 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 50.004 | -0.0 | 103 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.449 | 5.1 | 99 | 0.00 |
| 40 | TM | Benzene | 50.000 | 51.913 | -3.8 | 107 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 59.918 | -19.8 | 124 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 53.914 | -7.8 | 108 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 56.674 | -13.3 | 116 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.072 | 1.9 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 55.887 | -11.8# | 114 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.030 | -6.1 | 105 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 54.071 | -8.1 | 110 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 55.444 | -10.9 | 111 | 0.00 |

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Acq On : 19 Feb 2024 19:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 20 01:21:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 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 | 972.150 | 2.8 | 102 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.111 | 3.8 | 102 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 283.075 | -13.2 | 114 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.388 | -0.8# | 102 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 46.898 | 6.2 | 104 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.178 | -6.4 | 105 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 51.493 | -3.0 | 108 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.019 | -8.0 | 105 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 53.160 | -6.3 | 109 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 265.288 | -6.1 | 106 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 285.099 | -14.0 | 113 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 50.703 | -1.4 | 99 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.912 | -1.8 | 103 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 47.691 | 4.6 | 101 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 101 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 51.837 | -3.7 | 111 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.648 | 0.7 | 102 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.414 | -0.8 | 98 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.366 | -4.7# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.094 | -2.1 | 101 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.631 | -3.3 | 100 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.989 | -6.0 | 102 | 0.00 |
| 71 | P | Bromoform | 50.000 | 43.876 | 12.2 | 94 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.581 | -3.2 | 101 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 59.640 | -19.3 | 109 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 53.454 | -6.9 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 55.092 | -10.2 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.778 | -3.6 | 101 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.348 | -4.7 | 101 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.278 | -0.6 | 98 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.564 | -5.1 | 98 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 45.902 | 8.2 | 94 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.958 | -1.9 | 100 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 49.916 | 0.2 | 97 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.028 | -4.1 | 100 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.592 | -5.2 | 101 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 51.978 | -4.0 | 98 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.387 | -0.8 | 97 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.268 | 3.5 | 97 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.103 | -4.2 | 100 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 51.379 | -2.8 | 95 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.376 | -2.8 | 100 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 54.375 | -8.8 | 100 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 48.820 | 2.4 | 97 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 45.269 | 9.5 | 93 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 53.038 | -6.1 | 101 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 20 01:21:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 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 | 50.663 | -1.3 | 98 | 0.00 |

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