Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
Data File : VX024536.D
Acq On : 04 Oct 2021 21:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Oct 05 03:23:32 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 | 99 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 53.303 | -6.6 | 101 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 50.919 | -1.8 | 100 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 46.904 | 6.2# | 90 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 44.922 | 10.2 | 86 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 45.546 | 8.9 | 93 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 46.509 | 7.0 | 91 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.850 | 4.3 | 98 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.849 | 0.3 | 99 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 56.134 | -12.3 | 109 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 260.812 | -4.3 | 100 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.365 | -0.7# | 101 | 0.00 |
| 13 | T | Acrolein | 250.000 | 311.311 | -24.5 | 122 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 57.971 | -15.9 | 113 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 296.771 | -18.7 | 118 | 0.00 |
| 16 | T | Acetone | 250.000 | 287.847 | -15.1 | 107 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 51.841 | -3.7 | 106 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 59.889 | -19.8 | 122 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 59.048 | -18.1 | 118 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 60.630 | -21.3 | 120 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 56.304 | -12.6 | 114 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 58.430 | -16.9 | 116 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 286.286 | -14.5 | 109 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 59.419 | -18.8 | 117 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 274.757 | -9.9 | 107 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 45.218 | 9.6 | 89 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 56.791 | -13.6 | 114 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 54.260 | -8.5 | 118 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 290.902 | -16.4 | 111 | 0.00 |
| 30 | C | Chloroform | 50.000 | 56.520 | -13.0# | 113 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 56.023 | -12.0 | 110 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 56.580 | -13.2 | 109 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.559 | 0.9 | 99 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 113 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 46.915 | 6.2 | 105 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 45.977 | 8.0 | 103 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 48.045 | 3.9 | 109 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.113 | 5.8 | 101 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 48.929 | 2.1 | 105 | 0.00 |
| 40 | TM | Benzene | 50.000 | 51.334 | -2.7 | 116 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.691 | -3.4 | 114 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 46.931 | 6.1 | 104 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.133 | 1.7 | 110 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.567 | -1.1 | 115 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.634 | -5.3# | 118 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 48.793 | 2.4 | 110 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.438 | 3.1 | 104 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.658 | 0.7 | 109 | 0.00 |

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ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Oct 05 03:23:32 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) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1031.224 | -3.1 | 109 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 41.423 | 17.2 | 92 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 231.900 | 7.2 | 101 | 0.00 |
| 52 | CM | Toluene | 50.000 | 45.183 | 9.6# | 100 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 45.273 | 9.5 | 98 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 51.698 | -3.4 | 112 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 47.210 | 5.6 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 47.225 | 5.5 | 102 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 45.430 | 9.1 | 102 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 261.249 | -4.5 | 111 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 232.426 | 7.0 | 99 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 44.145 | 11.7 | 102 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 46.924 | 6.2 | 103 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 46.599 | 6.8 | 105 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.777 | 0.4 | 101 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 51.348 | -2.7 | 104 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.580 | -7.2 | 107 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.831 | -5.7# | 104 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 114.848 | -14.8 | 111 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 57.785 | -15.6 | 114 | 0.00 |
| 70 | T | Styrene | 50.000 | 58.399 | -16.8 | 114 | 0.00 |
| 71 | P | Bromoform | 50.000 | 51.546 | -3.1 | 115 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.913 | -3.8 | 110 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 48.692 | 2.6 | 104 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.859 | -1.7 | 111 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 51.397 | -2.8 | 112 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.413 | -2.8 | 113 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 51.145 | -2.3 | 108 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.475 | -3.0 | 110 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.926 | -5.9 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 46.628 | 6.7 | 103 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.082 | -0.2 | 107 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.493 | -5.0 | 110 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.118 | -6.2 | 109 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.254 | -4.5 | 108 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.091 | -4.2 | 107 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.658 | -1.3 | 111 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.095 | 1.8 | 110 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.822 | 0.4 | 103 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 51.178 | -2.4 | 109 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.124 | -2.2 | 112 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 50.642 | -1.3 | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 50.233 | -0.5 | 108 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 44.054 | 11.9 | 95 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 57.101 | -14.2 | 113 | 0.00 |

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**LabSampleId :** VSTDCCC050

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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) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 50.905 | -1.8 | 110 | 0.00 |

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