# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
Data File : VX021421.D
Acq On : 24 Mar 2021 06:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Mar 24 06:33:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.597 | 0.561 | 6.0 | 81 | 0.00 |
| 3 | P | Chloromethane | 1.155 | 0.621 | 46.2# | 62 | 0.00 |
| 4 | C | Vinyl Chloride | 0.608 | 0.606 | 0.3# | 85 | 0.00 |
| 5 | T | Bromomethane | 0.266 | 0.202 | 24.1 | 69 | 0.00 |
| 6 | T | Chloroethane | 0.372 | 0.389 | -4.6 | 89 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.917 | 0.984 | -7.3 | 88 | 0.00 |
| 8 | T | Diethyl Ether | 0.323 | 0.339 | -5.0 | 89 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.523 | 0.508 | 2.9 | 83 | 0.00 |
| 10 | T | Methyl Iodide | 0.456 | 0.309 | 32.2# | 60 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.138 | 0.143 | -3.6 | 92 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.510 | 0.524 | -2.7# | 89 | 0.00 |
| 13 | T | Acrolein | 0.086 | 0.090 | -4.7 | 99 | 0.00 |
| 14 | T | Allyl chloride | 1.051 | 1.027 | 2.3 | 83 | 0.00 |
| 15 | T | Acrylonitrile | 0.320 | 0.355 | -10.9 | 94 | 0.00 |
| 16 | T | Acetone | 0.302 | 0.341 | -12.9 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 1.577 | 1.413 | 10.4 | 85 | 0.00 |
| 18 | T | Methyl Acetate | 0.827 | 0.897 | -8.5 | 97 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.913 | 2.077 | -8.6 | 91 | 0.00 |
| 20 | T | Methylene Chloride | 0.621 | 0.631 | -1.6 | 90 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.569 | 0.579 | -1.8 | 88 | 0.00 |
| 22 | T | Diisopropyl ether | 2.018 | 2.196 | -8.8 | 90 | 0.00 |
| 23 | T | Vinyl Acetate | 1.761 | 1.909 | -8.4 | 88 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.090 | 1.160 | -6.4 | 91 | 0.00 |
| 25 | T | 2-Butanone | 0.464 | 0.513 | -10.6 | 93 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.951 | 0.677 | 28.8# | 59 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.654 | 0.690 | -5.5 | 91 | 0.00 |
| 28 | T | Bromochloromethane | 0.513 | 0.535 | -4.3 | 90 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.306 | 0.329 | -7.5 | 91 | 0.00 |
| 30 | C | Chloroform | 1.135 | 1.235 | -8.8# | 91 | 0.00 |
| 31 | T | Cyclohexane | 0.991 | 0.963 | 2.8 | 83 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.005 | 1.095 | -9.0 | 90 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.820 | 0.849 | -3.5 | 94 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.340 | 0.347 | -2.1 | 94 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.504 | 0.491 | 2.6 | 87 | 0.00 |
| 37 | T | Ethyl Acetate | 0.584 | 0.575 | 1.5 | 90 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.523 | 0.546 | -4.4 | 89 | 0.00 |
| 39 | T | Methylcyclohexane | 0.559 | 0.507 | 9.3 | 78 | 0.00 |
| 40 | TM | Benzene | 1.388 | 1.453 | -4.7 | 90 | 0.00 |
| 41 | T | Methacrylonitrile | 0.335 | 0.327 | 2.4 | 91 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.599 | 0.632 | -5.5 | 93 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.957 | 0.960 | -0.3 | 88 | 0.00 |
| 44 | TM | Trichloroethene | 0.369 | 0.373 | -1.1 | 89 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.373 | 0.392 | -5.1# | 90 | 0.00 |
| 46 | T | Dibromomethane | 0.273 | 0.284 | -4.0 | 92 | 0.00 |
| 47 | T | Bromodichloromethane | 0.547 | 0.602 | -10.1 | 94 | 0.00 |
| 48 | T | Methyl methacrylate | 0.508 | 0.519 | -2.2 | 91 | 0.00 |

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ALS Vial : 52 Sample Multiplier: 1

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.009 | 0.009 | 0.0 | 95 | 0.00 |
| 50 | S | Toluene-d8 | 1.234 | 1.249 | -1.2 | 94 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.557 | 0.611 | -9.7 | 94 | 0.00 |
| 52 | CM | Toluene | 0.859 | 0.928 | -8.0# | 92 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.581 | 0.577 | 0.7 | 86 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.620 | 0.613 | 1.1 | 84 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.351 | 0.390 | -11.1 | 95 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.565 | 0.600 | -6.2 | 90 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.611 | 0.655 | -7.2 | 93 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.309 | 0.313 | -1.3 | 90 | 0.00 |
| 59 | T | 2-Hexanone | 0.417 | 0.455 | -9.1 | 93 | 0.00 |
| 60 | T | Dibromochloromethane | 0.400 | 0.445 | -11.2 | 93 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.385 | 0.424 | -10.1 | 96 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.479 | 0.492 | -2.7 | 94 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.347 | 7.0 | 87 | 0.00 |
| 65 | PM | Chlorobenzene | 1.028 | 1.047 | -1.8 | 94 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.381 | 0.418 | -9.7 | 99 | 0.00 |
| 67 | C | Ethyl Benzene | 1.901 | 1.952 | -2.7# | 92 | 0.00 |
| 68 | T | m/p-Xylenes | 0.679 | 0.703 | -3.5 | 92 | 0.00 |
| 69 | T | o-Xylene | 0.660 | 0.686 | -3.9 | 93 | 0.00 |
| 70 | T | Styrene | 1.107 | 1.175 | -6.1 | 95 | 0.00 |
| 71 | P | Bromoform | 0.308 | 0.340 | -10.4 | 97 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 94 | 0.00 |
| 73 | T | Isopropylbenzene | 3.714 | 3.840 | -3.4 | 93 | 0.00 |
| 74 | T | N-amyl acetate | 1.884 | 1.821 | 3.3 | 87 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.233 | 1.326 | -7.5 | 96 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.160 | 1.223 | -5.4 | 104 | 0.00 |
| 77 | T | Bromobenzene | 0.881 | 0.933 | -5.9 | 96 | 0.00 |
| 78 | T | n-propylbenzene | 4.343 | 4.458 | -2.6 | 92 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.638 | 2.658 | -0.8 | 92 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.143 | 3.242 | -3.1 | 92 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.427 | 0.349 | 18.3 | 75 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.106 | 3.165 | -1.9 | 93 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.992 | 3.190 | -6.6 | 96 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.196 | 3.336 | -4.4 | 94 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.526 | 3.638 | -3.2 | 93 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.231 | 3.254 | -0.7 | 89 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.607 | 1.630 | -1.4 | 94 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.644 | 1.630 | 0.9 | 91 | 0.00 |
| 89 | T | n-Butylbenzene | 2.945 | 2.920 | 0.8 | 89 | 0.00 |
| 90 | T | Hexachloroethane | 0.492 | 0.588 | -19.5 | 105 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.568 | 1.601 | -2.1 | 93 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.316 | 0.303 | 4.1 | 89 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.030 | 1.025 | 0.5 | 91 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.432 | 0.418 | 3.2 | 86 | 0.00 |
| 95 | T | Naphthalene | 3.547 | 3.505 | 1.2 | 88 | 0.00 |

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Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
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|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.026 | 1.046 | -1.9 | 90 | 0.00 |

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