Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
Data File : VX045429.D
Acq On : 24 Mar 2025 20:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 25 01:41:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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 | 77 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.629 | 0.579 | 7.9 | 71 | 0.00 |
| 3 | P | Chloromethane | 0.770 | 0.684 | 11.2 | 70 | 0.00 |
| 4 | C | Vinyl Chloride | 0.764 | 0.638 | 16.5# | 64 | 0.00 |
| 5 | T | Bromomethane | 0.300 | 0.289 | 3.7 | 76 | 0.00 |
| 6 | T | Chloroethane | 0.352 | 0.364 | -3.4 | 75 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.011 | 0.978 | 3.3 | 72 | 0.00 |
| 8 | T | Diethyl Ether | 0.396 | 0.357 | 9.8 | 71 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.581 | 0.608 | -4.6 | 79 | 0.00 |
| 10 | T | Methyl Iodide | 0.726 | 0.782 | -7.7 | 78 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.151 | 0.128 | 15.2 | 73 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.614 | 0.594 | 3.3# | 73 | 0.00 |
| 13 | T | Acrolein | 0.174 | 0.228 | -31.0# | 101 | 0.00 |
| 14 | T | Allyl chloride | 1.094 | 1.141 | -4.3 | 79 | 0.00 |
| 15 | T | Acrylonitrile | 0.404 | 0.429 | -6.2 | 81 | 0.00 |
| 16 | T | Acetone | 0.369 | 0.392 | -6.2 | 86 | 0.00 |
| 17 | T | Carbon Disulfide | 1.636 | 1.158 | 29.2# | 54 | 0.00 |
| 18 | T | Methyl Acetate | 0.888 | 1.242 | -39.9# | 110 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 2.061 | 2.176 | -5.6 | 80 | 0.00 |
| 20 | T | Methylene Chloride | 0.731 | 0.723 | 1.1 | 80 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.607 | 0.595 | 2.0 | 73 | 0.00 |
| 22 | T | Diisopropyl ether | 2.224 | 2.373 | -6.7 | 80 | 0.00 |
| 23 | T | Vinyl Acetate | 1.856 | 1.931 | -4.0 | 75 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.247 | 1.304 | -4.6 | 81 | 0.00 |
| 25 | T | 2-Butanone | 0.555 | 0.601 | -8.3 | 80 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.585 | 0.755 | -29.1# | 97 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.749 | 0.769 | -2.7 | 78 | 0.00 |
| 28 | T | Bromochloromethane | 0.594 | 0.609 | -2.5 | 78 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.373 | 0.375 | -0.5 | 77 | 0.00 |
| 30 | C | Chloroform | 1.239 | 1.354 | -9.3# | 84 | 0.00 |
| 31 | T | Cyclohexane | 1.082 | 1.013 | 6.4 | 70 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.000 | 1.091 | -9.1 | 82 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.795 | 0.917 | -15.3 | 93 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 76 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.334 | 0.375 | -12.3 | 86 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.459 | 0.465 | -1.3 | 75 | 0.00 |
| 37 | T | Ethyl Acetate | 0.591 | 0.596 | -0.8 | 74 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.465 | 0.506 | -8.8 | 82 | 0.00 |
| 39 | T | Methylcyclohexane | 0.549 | 0.532 | 3.1 | 69 | 0.00 |
| 40 | TM | Benzene | 1.448 | 1.482 | -2.3 | 75 | 0.00 |
| 41 | T | Methacrylonitrile | 0.319 | 0.375 | -17.6 | 83 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.521 | 0.618 | -18.6 | 89 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.874 | 0.956 | -9.4 | 78 | 0.00 |
| 44 | TM | Trichloroethene | 0.340 | 0.346 | -1.8 | 77 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.372 | 0.394 | -5.9# | 80 | 0.00 |
| 46 | T | Dibromomethane | 0.263 | 0.293 | -11.4 | 82 | 0.00 |
| 47 | T | Bromodichloromethane | 0.516 | 0.580 | -12.4 | 84 | 0.00 |
| 48 | T | Methyl methacrylate | 0.438 | 0.504 | -15.1 | 82 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 25 01:41:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.009 | 0.009 | 0.0 | 76 | 0.00 |
| 50 | S | Toluene-d8 | 1.212 | 1.277 | -5.4 | 80 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.587 | 0.688 | -17.2 | 85 | 0.00 |
| 52 | CM | Toluene | 0.849 | 0.905 | -6.6# | 76 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.431 | 0.490 | -13.7 | 79 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.503 | 0.555 | -10.3 | 78 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.350 | 0.385 | -10.0 | 82 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.532 | 0.620 | -16.5 | 82 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.605 | 0.664 | -9.8 | 81 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.259 | 0.298 | -15.1 | 79 | 0.00 |
| 59 | T | 2-Hexanone | 0.425 | 0.500 | -17.6 | 85 | 0.00 |
| 60 | T | Dibromochloromethane | 0.366 | 0.419 | -14.5 | 83 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.349 | 0.385 | -10.3 | 82 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.402 | 0.475 | -18.2 | 89 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 79 | 0.00 |
| 64 | T | Tetrachloroethene | 0.320 | 0.319 | 0.3 | 77 | 0.00 |
| 65 | PM | Chlorobenzene | 1.058 | 1.098 | -3.8 | 79 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.352 | 0.375 | -6.5 | 83 | 0.00 |
| 67 | C | Ethyl Benzene | 1.843 | 1.963 | -6.5# | 79 | 0.00 |
| 68 | T | m/p-Xylenes | 0.675 | 0.711 | -5.3 | 77 | 0.00 |
| 69 | T | o-Xylene | 0.681 | 0.714 | -4.8 | 80 | 0.00 |
| 70 | T | Styrene | 1.101 | 1.234 | -12.1 | 82 | 0.00 |
| 71 | P | Bromoform | 0.266 | 0.297 | -11.7 | 85 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 73 | T | Isopropylbenzene | 3.903 | 4.022 | -3.0 | 82 | 0.00 |
| 74 | T | N-amyl acetate | 1.831 | 1.926 | -5.2 | 83 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.432 | 1.449 | -1.2 | 87 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.164 | 1.202 | -3.3 | 89 | 0.00 |
| 77 | T | Bromobenzene | 0.921 | 0.941 | -2.2 | 85 | 0.00 |
| 78 | T | n-propylbenzene | 4.409 | 4.697 | -6.5 | 83 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.808 | 2.861 | -1.9 | 85 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.156 | 3.339 | -5.8 | 84 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.340 | 0.336 | 1.2 | 84 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.060 | 3.254 | -6.3 | 85 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.242 | 3.330 | -2.7 | 84 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.175 | 3.382 | -6.5 | 85 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.884 | 4.198 | -8.1 | 84 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.139 | 3.390 | -8.0 | 84 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.643 | 1.675 | -1.9 | 85 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.662 | 1.683 | -1.3 | 85 | 0.00 |
| 89 | T | n-Butylbenzene | 2.703 | 3.028 | -12.0 | 85 | 0.00 |
| 90 | T | Hexachloroethane | 0.568 | 0.586 | -3.2 | 82 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.648 | 1.699 | -3.1 | 86 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.279 | 0.308 | -10.4 | 90 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.938 | 0.977 | -4.2 | 82 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.385 | 0.393 | -2.1 | 85 | 0.00 |
| 95 | T | Naphthalene | 3.605 | 3.697 | -2.6 | 80 | 0.00 |

Evaluate Continuing Calibration Report

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Data File : VX045429.D
Acq On : 24 Mar 2025 20:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 25 01:41:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.990 | 1.015 | -2.5 | 81 | 0.00 |

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