Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
Data File : VX031998.D
Acq On : 08 Oct 2022 06:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

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

Quant Time: Oct 10 04:52:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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 | 84 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.744 | 0.825 | -10.9 | 90 | 0.00 |
| 3 | P | Chloromethane | 0.779 | 0.805 | -3.3 | 92 | 0.00 |
| 4 | C | Vinyl Chloride | 0.911 | 0.925 | -1.5# | 88 | 0.00 |
| 5 | T | Bromomethane | 0.689 | 0.633 | 8.1 | 88 | 0.00 |
| 6 | T | Chloroethane | 0.775 | 0.939 | -21.2 | 96 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.637 | 1.596 | 2.5 | 85 | 0.00 |
| 8 | T | Diethyl Ether | 0.558 | 0.617 | -10.6 | 91 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.827 | 0.748 | 9.6 | 78 | 0.00 |
| 10 | T | Methyl Iodide | 0.732 | 0.791 | -8.1 | 79 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.128 | 0.177 | -38.3# | 122 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.762 | 0.772 | -1.3# | 86 | 0.00 |
| 13 | T | Acrolein | 0.087 | 0.102 | -17.2 | 112 | 0.00 |
| 14 | T | Allyl chloride | 1.084 | 1.161 | -7.1 | 89 | 0.00 |
| 15 | T | Acrylonitrile | 0.410 | 0.474 | -15.6 | 99 | 0.00 |
| 16 | T | Acetone | 0.351 | 0.389 | -10.8 | 102 | 0.00 |
| 17 | T | Carbon Disulfide | 1.635 | 1.584 | 3.1 | 81 | 0.00 |
| 18 | T | Methyl Acetate | 1.158 | 1.373 | -18.6 | 101 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 2.556 | 2.978 | -16.5 | 97 | 0.00 |
| 20 | T | Methylene Chloride | 0.922 | 0.959 | -4.0 | 95 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.843 | 0.879 | -4.3 | 89 | 0.00 |
| 22 | T | Diisopropyl ether | 2.436 | 2.893 | -18.8 | 99 | 0.00 |
| 23 | T | Vinyl Acetate | 1.821 | 2.274 | -24.9 | 99 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.460 | 1.612 | -10.4 | 94 | 0.00 |
| 25 | T | 2-Butanone | 0.549 | 0.629 | -14.6 | 99 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 1.049 | 0.761 | 27.5# | 58 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 1.009 | 1.060 | -5.1 | 89 | 0.00 |
| 28 | T | Bromochloromethane | 0.625 | 0.715 | -14.4 | 95 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.354 | 0.414 | -16.9 | 100 | 0.00 |
| 30 | C | Chloroform | 1.627 | 1.803 | -10.8# | 94 | 0.00 |
| 31 | T | Cyclohexane | 1.234 | 1.150 | 6.8 | 78 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.382 | 1.486 | -7.5 | 87 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 1.033 | 1.138 | -10.2 | 101 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.566 | 0.609 | -7.6 | 96 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.751 | 0.727 | 3.2 | 84 | 0.00 |
| 37 | T | Ethyl Acetate | 0.707 | 0.837 | -18.4 | 102 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.767 | 0.793 | -3.4 | 84 | 0.00 |
| 39 | T | Methylcyclohexane | 0.895 | 0.778 | 13.1 | 73 | 0.00 |
| 40 | TM | Benzene | 2.198 | 2.337 | -6.3 | 92 | 0.00 |
| 41 | T | Methacrylonitrile | 0.367 | 0.447 | -21.8 | 102 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.801 | 0.907 | -13.2 | 98 | 0.00 |
| 43 | T | Isopropyl Acetate | 1.072 | 1.317 | -22.9 | 102 | 0.00 |
| 44 | TM | Trichloroethene | 0.644 | 0.647 | -0.5 | 86 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.540 | 0.607 | -12.4# | 96 | 0.00 |
| 46 | T | Dibromomethane | 0.419 | 0.468 | -11.7 | 96 | 0.00 |
| 47 | T | Bromodichloromethane | 0.723 | 0.861 | -19.1 | 95 | 0.00 |
| 48 | T | Methyl methacrylate | 0.512 | 0.642 | -25.4# | 100 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

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

Quant Time: Oct 10 04:52:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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 | 0.013 | 0.014 | -7.7 | 98 | 0.00 |
| 50 | S | Toluene-d8 | 2.037 | 2.063 | -1.3 | 89 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.710 | 0.862 | -21.4 | 101 | 0.00 |
| 52 | CM | Toluene | 1.437 | 1.471 | -2.4# | 86 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.662 | 0.791 | -19.5 | 86 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.783 | 0.894 | -14.2 | 86 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.606 | 0.658 | -8.6 | 94 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.777 | 0.933 | -20.1 | 94 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.975 | 1.078 | -10.6 | 95 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.401 | 0.474 | -18.2 | 98 | 0.00 |
| 59 | T | 2-Hexanone | 0.524 | 0.642 | -22.5 | 102 | 0.00 |
| 60 | T | Dibromochloromethane | 0.555 | 0.665 | -19.8 | 90 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.610 | 0.699 | -14.6 | 94 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.720 | 0.741 | -2.9 | 87 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 64 | T | Tetrachloroethene | 0.564 | 0.589 | -4.4 | 85 | 0.00 |
| 65 | PM | Chlorobenzene | 1.515 | 1.498 | 1.1 | 84 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.524 | 0.575 | -9.7 | 89 | 0.00 |
| 67 | C | Ethyl Benzene | 2.563 | 2.579 | -0.6# | 84 | 0.00 |
| 68 | T | m/p-Xylenes | 1.018 | 0.997 | 2.1 | 81 | 0.00 |
| 69 | T | o-Xylene | 0.990 | 0.982 | 0.8 | 81 | 0.00 |
| 70 | T | Styrene | 1.583 | 1.673 | -5.7 | 84 | 0.00 |
| 71 | P | Bromoform | 0.343 | 0.418 | -21.9 | 87 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 73 | T | Isopropylbenzene | 3.771 | 3.743 | 0.7 | 80 | 0.00 |
| 74 | T | N-amyl acetate | 1.152 | 1.622 | -40.8# | 103 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.198 | 1.317 | -9.9 | 94 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.025 | 1.180 | -15.1 | 95 | 0.00 |
| 77 | T | Bromobenzene | 0.929 | 0.942 | -1.4 | 82 | 0.00 |
| 78 | T | n-propylbenzene | 4.289 | 4.214 | 1.7 | 79 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.581 | 2.566 | 0.6 | 82 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.128 | 3.184 | -1.8 | 80 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.244 | 0.283 | -16.0 | 81 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.956 | 2.998 | -1.4 | 82 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.096 | 3.039 | 1.8 | 78 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.177 | 3.147 | 0.9 | 80 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.832 | 3.762 | 1.8 | 78 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.227 | 3.214 | 0.4 | 77 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.769 | 1.739 | 1.7 | 80 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.821 | 1.797 | 1.3 | 82 | 0.00 |
| 89 | T | n-Butylbenzene | 2.702 | 2.664 | 1.4 | 76 | 0.00 |
| 90 | T | Hexachloroethane | 0.449 | 0.496 | -10.5 | 79 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.759 | 1.819 | -3.4 | 83 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.219 | 0.282 | -28.8# | 96 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.067 | 1.089 | -2.1 | 78 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.432 | 0.389 | 10.0 | 71 | 0.00 |
| 95 | T | Naphthalene | 3.657 | 4.103 | -12.2 | 85 | 0.00 |

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**LabSampleId :**
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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 | 1.083 | 1.122 | -3.6 | 81 | 0.00 |

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