Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
Data File : VX026639.D
Acq On : 27 Jan 2022 20:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Jan 28 04:28:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 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 | 88 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.590 | 0.465 | 21.2 | 69 | 0.00 |
| 3 | P | Chloromethane | 0.541 | 0.452 | 16.5 | 75 | 0.00 |
| 4 | C | Vinyl Chloride | 0.568 | 0.482 | 15.1# | 73 | 0.00 |
| 5 | T | Bromomethane | 0.262 | 0.159 | 39.3# | 54 | 0.00 |
| 6 | T | Chloroethane | 0.287 | 0.267 | 7.0 | 82 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.897 | 0.763 | 14.9 | 72 | 0.00 |
| 8 | T | Diethyl Ether | 0.317 | 0.286 | 9.8 | 76 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.547 | 0.500 | 8.6 | 78 | 0.00 |
| 10 | T | Methyl Iodide | 0.535 | 0.376 | 29.7# | 58 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.097 | 0.091 | 6.2 | 78 | -0.02 |
| 12 | CM | 1,1-Dichloroethene | 0.522 | 0.484 | 7.3# | 79 | 0.00 |
| 13 | T | Acrolein | 0.103 | 0.058 | 43.7# | 52 | 0.00 |
| 14 | T | Allyl chloride | 0.960 | 0.894 | 6.9 | 78 | 0.00 |
| 15 | T | Acrylonitrile | 0.299 | 0.296 | 1.0 | 86 | 0.00 |
| 16 | T | Acetone | 0.356 | 0.244 | 31.5# | 58 | 0.00 |
| 17 | T | Carbon Disulfide | 1.525 | 1.209 | 20.7 | 70 | 0.00 |
| 18 | T | Methyl Acetate | 0.708 | 0.700 | 1.1 | 87 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.895 | 1.752 | 7.5 | 79 | 0.00 |
| 20 | T | Methylene Chloride | 0.589 | 0.539 | 8.5 | 83 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.565 | 0.521 | 7.8 | 79 | 0.00 |
| 22 | T | Diisopropyl ether | 1.951 | 1.860 | 4.7 | 81 | 0.00 |
| 23 | T | Vinyl Acetate | 1.606 | 1.539 | 4.2 | 79 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.053 | 0.995 | 5.5 | 81 | 0.00 |
| 25 | T | 2-Butanone | 0.463 | 0.393 | 15.1 | 71 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.781 | 0.676 | 13.4 | 71 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.645 | 0.622 | 3.6 | 81 | 0.00 |
| 28 | T | Bromochloromethane | 0.433 | 0.472 | -9.0 | 92 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.275 | 0.266 | 3.3 | 83 | 0.00 |
| 30 | C | Chloroform | 1.095 | 1.042 | 4.8# | 81 | 0.00 |
| 31 | T | Cyclohexane | 1.030 | 0.907 | 11.9 | 77 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.963 | 0.892 | 7.4 | 77 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.698 | 0.686 | 1.7 | 84 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.323 | 0.325 | -0.6 | 87 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.510 | 0.455 | 10.8 | 78 | 0.00 |
| 37 | T | Ethyl Acetate | 0.516 | 0.492 | 4.7 | 83 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.524 | 0.471 | 10.1 | 76 | 0.00 |
| 39 | T | Methylcyclohexane | 0.615 | 0.542 | 11.9 | 77 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.327 | 5.8 | 83 | 0.00 |
| 41 | T | Methacrylonitrile | 0.292 | 0.280 | 4.1 | 83 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.551 | 0.488 | 11.4 | 77 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.833 | 0.790 | 5.2 | 81 | 0.00 |
| 44 | TM | Trichloroethene | 0.400 | 0.376 | 6.0 | 81 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.352 | 0.344 | 2.3# | 85 | 0.00 |
| 46 | T | Dibromomethane | 0.248 | 0.236 | 4.8 | 83 | 0.00 |
| 47 | T | Bromodichloromethane | 0.501 | 0.476 | 5.0 | 81 | 0.00 |
| 48 | T | Methyl methacrylate | 0.413 | 0.387 | 6.3 | 81 | 0.00 |

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Acq On : 27 Jan 2022 20:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Jan 28 04:28:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 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 | 0.007 | 0.006 | 14.3 | 75 | 0.00 |
| 50 | S | Toluene-d8 | 1.164 | 1.187 | -2.0 | 89 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.494 | 0.474 | 4.0 | 83 | 0.00 |
| 52 | CM | Toluene | 0.864 | 0.824 | 4.6# | 83 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.470 | 0.467 | 0.6 | 80 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.538 | 0.531 | 1.3 | 81 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.337 | 0.330 | 2.1 | 85 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.517 | 0.511 | 1.2 | 82 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.585 | 0.571 | 2.4 | 85 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.271 | 0.273 | -0.7 | 86 | 0.00 |
| 59 | T | 2-Hexanone | 0.378 | 0.342 | 9.5 | 77 | 0.00 |
| 60 | T | Dibromochloromethane | 0.351 | 0.351 | 0.0 | 83 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.351 | 0.343 | 2.3 | 84 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.413 | 0.418 | -1.2 | 88 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 64 | T | Tetrachloroethene | 0.472 | 0.463 | 1.9 | 86 | 0.00 |
| 65 | PM | Chlorobenzene | 1.053 | 1.009 | 4.2 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.391 | 0.382 | 2.3 | 84 | 0.00 |
| 67 | C | Ethyl Benzene | 1.913 | 1.840 | 3.8# | 83 | 0.00 |
| 68 | T | m/p-Xylenes | 0.716 | 0.692 | 3.4 | 83 | 0.00 |
| 69 | T | o-Xylene | 0.691 | 0.676 | 2.2 | 84 | 0.00 |
| 70 | T | Styrene | 1.127 | 1.122 | 0.4 | 83 | 0.00 |
| 71 | P | Bromoform | 0.267 | 0.266 | 0.4 | 83 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 73 | T | Isopropylbenzene | 4.098 | 3.962 | 3.3 | 84 | 0.00 |
| 74 | T | N-amyl acetate | 1.582 | 1.540 | 2.7 | 79 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.100 | 1.068 | 2.9 | 84 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.101 | 1.051 | 4.5 | 81 | 0.00 |
| 77 | T | Bromobenzene | 0.939 | 0.897 | 4.5 | 83 | 0.00 |
| 78 | T | n-propylbenzene | 4.674 | 4.474 | 4.3 | 82 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.834 | 2.633 | 7.1 | 81 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.379 | 3.224 | 4.6 | 82 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.312 | 0.307 | 1.6 | 81 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.257 | 2.994 | 8.1 | 80 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.154 | 3.055 | 3.1 | 82 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.380 | 3.203 | 5.2 | 81 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.080 | 3.941 | 3.4 | 82 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.423 | 3.294 | 3.8 | 81 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.760 | 1.661 | 5.6 | 83 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.781 | 1.668 | 6.3 | 82 | 0.00 |
| 89 | T | n-Butylbenzene | 2.937 | 2.780 | 5.3 | 79 | 0.00 |
| 90 | T | Hexachloroethane | 0.509 | 0.497 | 2.4 | 79 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.663 | 1.604 | 3.5 | 83 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.266 | 0.251 | 5.6 | 77 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.066 | 1.010 | 5.3 | 80 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.450 | 0.413 | 8.2 | 80 | 0.00 |
| 95 | T | Naphthalene | 3.557 | 3.567 | -0.3 | 83 | 0.00 |

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Data File : VX026639.D
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Jan 28 04:28:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 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 | 1.049 | 1.023 | 2.5 | 83 | 0.00 |

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