Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038446.D
Acq On : 23 Oct 2023 20:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 24 00:08:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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 | 96 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.483 | 0.519 | -7.5 | 101 | 0.00 |
| 3 | P | Chloromethane | 0.492 | 0.479 | 2.6 | 102 | 0.00 |
| 4 | C | Vinyl Chloride | 0.545 | 0.552 | -1.3# | 98 | 0.00 |
| 5 | T | Bromomethane | 0.744 | 0.683 | 8.2 | 86 | 0.00 |
| 6 | T | Chloroethane | 0.484 | 0.397 | 18.0 | 88 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.077 | 1.086 | -0.8 | 97 | 0.00 |
| 8 | T | Diethyl Ether | 0.402 | 0.378 | 6.0 | 92 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.470 | 0.537 | -14.3 | 111 | 0.00 |
| 10 | T | Methyl Iodide | 0.677 | 0.670 | 1.0 | 96 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.196 | 0.168 | 14.3 | 92 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.457 | 0.498 | -9.0# | 105 | 0.00 |
| 13 | T | Acrolein | 0.114 | 0.134 | -17.5 | 126 | 0.00 |
| 14 | T | Allyl chloride | 0.818 | 0.772 | 5.6 | 91 | 0.00 |
| 15 | T | Acrylonitrile | 0.366 | 0.365 | 0.3 | 97 | 0.00 |
| 16 | T | Acetone | 0.336 | 0.319 | 5.1 | 96 | 0.00 |
| 17 | T | Carbon Disulfide | 1.318 | 1.158 | 12.1 | 89 | 0.00 |
| 18 | T | Methyl Acetate | 1.439 | 1.522 | -5.8 | 103 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.822 | 1.822 | 0.0 | 97 | 0.00 |
| 20 | T | Methylene Chloride | 0.631 | 0.614 | 2.7 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.566 | 0.579 | -2.3 | 97 | 0.00 |
| 22 | T | Diisopropyl ether | 1.715 | 1.685 | 1.7 | 93 | 0.00 |
| 23 | T | Vinyl Acetate | 1.258 | 1.206 | 4.1 | 89 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.041 | 1.020 | 2.0 | 96 | 0.00 |
| 25 | T | 2-Butanone | 0.542 | 0.510 | 5.9 | 92 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.813 | 0.720 | 11.4 | 83 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.675 | 0.696 | -3.1 | 101 | 0.00 |
| 28 | T | Bromochloromethane | 0.470 | 0.422 | 10.2 | 82 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.353 | 0.328 | 7.1 | 91 | 0.00 |
| 30 | C | Chloroform | 1.138 | 1.184 | -4.0# | 98 | 0.00 |
| 31 | T | Cyclohexane | 0.871 | 0.810 | 7.0 | 87 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.975 | 1.022 | -4.8 | 97 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.804 | 0.726 | 9.7 | 86 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 93 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.360 | 0.380 | -5.6 | 98 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.497 | 0.483 | 2.8 | 94 | 0.00 |
| 37 | T | Ethyl Acetate | 0.590 | 0.565 | 4.2 | 91 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.489 | 0.521 | -6.5 | 98 | 0.00 |
| 39 | T | Methylcyclohexane | 0.582 | 0.576 | 1.0 | 91 | 0.00 |
| 40 | TM | Benzene | 1.390 | 1.437 | -3.4 | 96 | 0.00 |
| 41 | T | Methacrylonitrile | 0.294 | 0.288 | 2.0 | 91 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.555 | 0.550 | 0.9 | 92 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.881 | 0.851 | 3.4 | 88 | 0.00 |
| 44 | TM | Trichloroethene | 0.363 | 0.403 | -11.0 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.360 | 0.361 | -0.3# | 93 | 0.00 |
| 46 | T | Dibromomethane | 0.279 | 0.294 | -5.4 | 99 | 0.00 |
| 47 | T | Bromodichloromethane | 0.496 | 0.546 | -10.1 | 97 | 0.00 |
| 48 | T | Methyl methacrylate | 0.420 | 0.416 | 1.0 | 90 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038446.D
Acq On : 23 Oct 2023 20:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 24 00:08:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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 | 0.010 | 0.010 | 0.0 | 87 | 0.00 |
| 50 | S | Toluene-d8 | 1.377 | 1.339 | 2.8 | 91 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.608 | 0.619 | -1.8 | 95 | 0.00 |
| 52 | CM | Toluene | 0.905 | 0.959 | -6.0# | 97 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.533 | 0.557 | -4.5 | 91 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.560 | 0.589 | -5.2 | 94 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.387 | 0.417 | -7.8 | 100 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.594 | 0.613 | -3.2 | 93 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.626 | 0.653 | -4.3 | 95 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.291 | 0.276 | 5.2 | 87 | 0.00 |
| 59 | T | 2-Hexanone | 0.488 | 0.494 | -1.2 | 94 | 0.00 |
| 60 | T | Dibromochloromethane | 0.379 | 0.443 | -16.9 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.419 | 0.462 | -10.3 | 101 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.522 | 0.543 | -4.0 | 97 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 64 | T | Tetrachloroethene | 0.324 | 0.349 | -7.7 | 103 | 0.00 |
| 65 | PM | Chlorobenzene | 1.046 | 1.087 | -3.9 | 103 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.354 | 0.404 | -14.1 | 105 | 0.00 |
| 67 | C | Ethyl Benzene | 1.868 | 1.903 | -1.9# | 98 | 0.00 |
| 68 | T | m/p-Xylenes | 0.722 | 0.738 | -2.2 | 98 | 0.00 |
| 69 | T | o-Xylene | 0.705 | 0.727 | -3.1 | 101 | 0.00 |
| 70 | T | Styrene | 1.148 | 1.239 | -7.9 | 102 | 0.00 |
| 71 | P | Bromoform | 0.292 | 0.332 | -13.7 | 105 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 73 | T | Isopropylbenzene | 3.353 | 3.369 | -0.5 | 100 | 0.00 |
| 74 | T | N-amyl acetate | 1.432 | 1.387 | 3.1 | 91 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.230 | 1.264 | -2.8 | 102 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.137 | 1.135 | 0.2 | 99 | 0.00 |
| 77 | T | Bromobenzene | 0.819 | 0.863 | -5.4 | 106 | 0.00 |
| 78 | T | n-propylbenzene | 4.100 | 4.083 | 0.4 | 99 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.432 | 2.364 | 2.8 | 100 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.893 | 2.954 | -2.1 | 100 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.356 | 0.330 | 7.3 | 88 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.877 | 2.773 | 3.6 | 97 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.827 | 2.949 | -4.3 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.884 | 2.944 | -2.1 | 100 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.662 | 3.742 | -2.2 | 100 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.021 | 3.119 | -3.2 | 101 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.644 | 1.673 | -1.8 | 104 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.679 | 1.685 | -0.4 | 105 | 0.00 |
| 89 | T | n-Butylbenzene | 3.009 | 2.926 | 2.8 | 96 | 0.00 |
| 90 | T | Hexachloroethane | 0.501 | 0.540 | -7.8 | 102 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.581 | 1.643 | -3.9 | 106 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.297 | 0.293 | 1.3 | 94 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.060 | 1.148 | -8.3 | 111 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.427 | 0.445 | -4.2 | 107 | 0.00 |
| 95 | T | Naphthalene | 3.692 | 3.697 | -0.1 | 101 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038446.D
Acq On : 23 Oct 2023 20:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Oct 24 00:08:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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 | 1.026 | 1.060 | -3.3 | 105 | 0.00 |

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