# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032667.D
Acq On : 08 Nov 2022 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Nov 09 04:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 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 | 83 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.577 | 0.543 | 5.9 | 74 | 0.00 |
| 3 | P | Chloromethane | 0.488 | 0.454 | 7.0 | 76 | 0.00 |
| 4 | C | Vinyl Chloride | 0.537 | 0.514 | 4.3# | 76 | 0.00 |
| 5 | T | Bromomethane | 0.429 | 0.463 | -7.9 | 87 | 0.00 |
| 6 | T | Chloroethane | 0.360 | 0.439 | -21.9 | 107 | 0.00 |
| 7 | T | Trichlorofluoromethane | 1.017 | 1.007 | 1.0 | 82 | 0.00 |
| 8 | T | Diethyl Ether | 0.330 | 0.336 | -1.8 | 87 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.537 | 0.533 | 0.7 | 85 | 0.00 |
| 10 | T | Methyl Iodide | 0.558 | 0.595 | -6.6 | 83 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.101 | 0.087 | 13.9 | 73 | 0.02 |
| 12 | CM | 1,1-Dichloroethene | 0.501 | 0.485 | 3.2# | 81 | 0.00 |
| 13 | T | Acrolein | 0.101 | 0.095 | 5.9 | 82 | 0.00 |
| 14 | T | Allyl chloride | 0.799 | 0.798 | 0.1 | 83 | 0.00 |
| 15 | T | Acrylonitrile | 0.274 | 0.268 | 2.2 | 85 | 0.00 |
| 16 | T | Acetone | 0.253 | 0.242 | 4.3 | 87 | 0.00 |
| 17 | T | Carbon Disulfide | 1.194 | 0.934 | 21.8 | 63 | 0.00 |
| 18 | T | Methyl Acetate | 0.821 | 0.905 | -10.2 | 93 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.762 | 1.823 | -3.5 | 89 | 0.00 |
| 20 | T | Methylene Chloride | 0.579 | 0.558 | 3.6 | 86 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.546 | 0.523 | 4.2 | 82 | 0.00 |
| 22 | T | Diisopropyl ether | 1.729 | 1.823 | -5.4 | 91 | 0.00 |
| 23 | T | Vinyl Acetate | 1.397 | 1.406 | -0.6 | 84 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 0.994 | 1.015 | -2.1 | 87 | 0.00 |
| 25 | T | 2-Butanone | 0.391 | 0.378 | 3.3 | 84 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.791 | 0.754 | 4.7 | 80 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.631 | 0.650 | -3.0 | 86 | 0.00 |
| 28 | T | Bromochloromethane | 0.354 | 0.342 | 3.4 | 86 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.249 | 0.243 | 2.4 | 83 | 0.00 |
| 30 | C | Chloroform | 1.091 | 1.157 | -6.0# | 91 | 0.00 |
| 31 | T | Cyclohexane | 0.842 | 0.821 | 2.5 | 80 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.979 | 1.016 | -3.8 | 87 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.695 | 0.680 | 2.2 | 86 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.357 | 0.340 | 4.8 | 84 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.497 | 0.490 | 1.4 | 85 | 0.00 |
| 37 | T | Ethyl Acetate | 0.517 | 0.483 | 6.6 | 86 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.551 | 0.530 | 3.8 | 82 | 0.00 |
| 39 | T | Methylcyclohexane | 0.588 | 0.548 | 6.8 | 78 | 0.00 |
| 40 | TM | Benzene | 1.405 | 1.398 | 0.5 | 86 | 0.00 |
| 41 | T | Methacrylonitrile | 0.263 | 0.271 | -3.0 | 89 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.575 | 0.603 | -4.9 | 91 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.794 | 0.794 | 0.0 | 85 | 0.00 |
| 44 | TM | Trichloroethene | 0.396 | 0.388 | 2.0 | 86 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.361 | 0.368 | -1.9# | 89 | 0.00 |
| 46 | T | Dibromomethane | 0.277 | 0.272 | 1.8 | 86 | 0.00 |
| 47 | T | Bromodichloromethane | 0.524 | 0.527 | -0.6 | 86 | 0.00 |
| 48 | T | Methyl methacrylate | 0.410 | 0.410 | 0.0 | 86 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032667.D
Acq On : 08 Nov 2022 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Nov 09 04:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 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 | 0.008 | 0.007 | 12.5 | 74 | 0.02 |
| 50 | S | Toluene-d8 | 1.240 | 1.158 | 6.6 | 82 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.500 | 0.506 | -1.2 | 87 | 0.00 |
| 52 | CM | Toluene | 0.917 | 0.926 | -1.0# | 86 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.535 | 0.545 | -1.9 | 84 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.572 | 0.584 | -2.1 | 86 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.386 | 0.394 | -2.1 | 91 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.556 | 0.583 | -4.9 | 87 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.624 | 0.639 | -2.4 | 89 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.268 | 0.277 | -3.4 | 86 | 0.00 |
| 59 | T | 2-Hexanone | 0.371 | 0.373 | -0.5 | 85 | 0.00 |
| 60 | T | Dibromochloromethane | 0.422 | 0.414 | 1.9 | 84 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.409 | 0.415 | -1.5 | 87 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.484 | 0.483 | 0.2 | 85 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 64 | T | Tetrachloroethene | 0.366 | 0.370 | -1.1 | 87 | 0.00 |
| 65 | PM | Chlorobenzene | 1.120 | 1.131 | -1.0 | 89 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.422 | 0.433 | -2.6 | 88 | 0.00 |
| 67 | C | Ethyl Benzene | 2.003 | 2.068 | -3.2# | 88 | 0.00 |
| 68 | T | m/p-Xylenes | 0.778 | 0.800 | -2.8 | 87 | 0.00 |
| 69 | T | o-Xylene | 0.756 | 0.782 | -3.4 | 88 | 0.00 |
| 70 | T | Styrene | 1.257 | 1.321 | -5.1 | 88 | 0.00 |
| 71 | P | Bromoform | 0.333 | 0.319 | 4.2 | 79 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 73 | T | Isopropylbenzene | 3.962 | 3.842 | 3.0 | 89 | 0.00 |
| 74 | T | N-amyl acetate | 1.497 | 1.508 | -0.7 | 88 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.272 | 1.197 | 5.9 | 87 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 1.112 | 1.079 | 3.0 | 86 | 0.00 |
| 77 | T | Bromobenzene | 0.971 | 0.946 | 2.6 | 91 | 0.00 |
| 78 | T | n-propylbenzene | 4.565 | 4.439 | 2.8 | 88 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.734 | 2.679 | 2.0 | 89 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.386 | 3.326 | 1.8 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.350 | 0.309 | 11.7 | 77 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.199 | 3.167 | 1.0 | 89 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.381 | 3.289 | 2.7 | 87 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.368 | 3.325 | 1.3 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.068 | 3.961 | 2.6 | 85 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.452 | 3.395 | 1.7 | 85 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.832 | 1.803 | 1.6 | 90 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.901 | 1.824 | 4.1 | 89 | 0.00 |
| 89 | T | n-Butylbenzene | 3.003 | 2.878 | 4.2 | 83 | 0.00 |
| 90 | T | Hexachloroethane | 0.564 | 0.518 | 8.2 | 81 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.807 | 1.783 | 1.3 | 89 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.279 | 0.249 | 10.8 | 78 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.178 | 1.111 | 5.7 | 88 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.492 | 0.439 | 10.8 | 83 | 0.00 |
| 95 | T | Naphthalene | 3.925 | 3.757 | 4.3 | 86 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032667.D
Acq On : 08 Nov 2022 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Nov 09 04:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 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 | 1.197 | 1.115 | 6.9 | 86 | 0.00 |

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