Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068328.D
Acq On : 09 Feb 2021 11:39
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**LabSampleId :** VSTDCCC050

Quant Time: Feb 10 00:15:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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 | 61 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.594 | 0.495 | 16.7 | 52 | 0.00 |
| 3 | P | Chloromethane | 0.640 | 0.577 | 9.8 | 58 | 0.00 |
| 4 | C | Vinyl Chloride | 0.711 | 0.723 | -1.7# | 62 | 0.00 |
| 5 | T | Bromomethane | 0.488 | 0.502 | -2.9 | 64 | 0.00 |
| 6 | T | Chloroethane | 0.435 | 0.460 | -5.7 | 64 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.934 | 0.898 | 3.9 | 59 | 0.00 |
| 8 | T | Diethyl Ether | 0.275 | 0.246 | 10.5 | 55 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.545 | 0.533 | 2.2 | 60 | 0.00 |
| 10 | T | Methyl Iodide | 0.527 | 0.538 | -2.1 | 53 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.065 | 0.031 | 52.3# | 45# | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.548 | 0.526 | 4.0# | 58 | -0.01 |
| 13 | T | Acrolein | 0.038 | 0.027 | 28.9# | 46# | 0.00 |
| 14 | T | Allyl chloride | 0.797 | 0.676 | 15.2 | 51 | 0.00 |
| 15 | T | Acrylonitrile | 0.109 | 0.102 | 6.4 | 55 | 0.00 |
| 16 | T | Acetone | 0.085 | 0.102 | -20.0 | 71 | 0.00 |
| 17 | T | Carbon Disulfide | 1.764 | 1.521 | 13.8 | 52 | -0.01 |
| 18 | T | Methyl Acetate | 0.222 | 0.210 | 5.4 | 57 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.266 | 1.145 | 9.6 | 54 | 0.00 |
| 20 | T | Methylene Chloride | 0.684 | 0.611 | 10.7 | 61 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.629 | 0.598 | 4.9 | 58 | 0.00 |
| 22 | T | Diisopropyl ether | 1.608 | 1.462 | 9.1 | 54 | -0.01 |
| 23 | T | Vinyl Acetate | 0.857 | 0.757 | 11.7 | 51 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.042 | 1.011 | 3.0 | 58 | -0.01 |
| 25 | T | 2-Butanone | 0.129 | 0.115 | 10.9 | 54 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.986 | 0.917 | 7.0 | 57 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.683 | 0.675 | 1.2 | 59 | 0.00 |
| 28 | T | Bromochloromethane | 0.355 | 0.321 | 9.6 | 60 | -0.01 |
| 29 | T | Tetrahydrofuran | 0.083 | 0.071 | 14.5 | 51 | 0.00 |
| 30 | C | Chloroform | 1.053 | 1.052 | 0.1# | 61 | 0.00 |
| 31 | T | Cyclohexane | 1.036 | 0.902 | 12.9 | 55 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.949 | 0.924 | 2.6 | 59 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.478 | 0.397 | 16.9 | 54 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 61 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.276 | 0.254 | 8.0 | 58 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.504 | 0.480 | 4.8 | 58 | 0.00 |
| 37 | T | Ethyl Acetate | 0.178 | 0.151 | 15.2 | 51 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.472 | 0.471 | 0.2 | 60 | 0.00 |
| 39 | T | Methylcyclohexane | 0.659 | 0.613 | 7.0 | 56 | 0.00 |
| 40 | TM | Benzene | 1.410 | 1.384 | 1.8 | 59 | 0.00 |
| 41 | T | Methacrylonitrile | 0.108 | 0.090 | 16.7 | 48# | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.377 | 0.363 | 3.7 | 57 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.372 | 0.305 | 18.0 | 49# | 0.00 |
| 44 | TM | Trichloroethene | 0.387 | 0.383 | 1.0 | 59 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.345 | 0.332 | 3.8# | 58 | 0.00 |
| 46 | T | Dibromomethane | 0.175 | 0.172 | 1.7 | 57 | 0.00 |
| 47 | T | Bromodichloromethane | 0.472 | 0.469 | 0.6 | 58 | 0.00 |
| 48 | T | Methyl methacrylate | 0.185 | 0.153 | 17.3 | 48# | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068328.D
Acq On : 09 Feb 2021 11:39
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**LabSampleId :** VSTDCCC050

Quant Time: Feb 10 00:15:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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 | 0.002 | 0.002 | 0.0 | 56 | 0.00 |
| 50 | S | Toluene-d8 | 1.106 | 0.905 | 18.2 | 55 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.173 | 0.151 | 12.7 | 51 | 0.00 |
| 52 | CM | Toluene | 0.919 | 0.901 | 2.0# | 59 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.478 | 0.441 | 7.7 | 54 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.569 | 0.531 | 6.7 | 56 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.248 | 0.245 | 1.2 | 59 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.330 | 0.293 | 11.2 | 53 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.437 | 0.410 | 6.2 | 55 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.152 | 0.141 | 7.2 | 59 | 0.00 |
| 59 | T | 2-Hexanone | 0.120 | 0.108 | 10.0 | 54 | 0.00 |
| 60 | T | Dibromochloromethane | 0.311 | 0.301 | 3.2 | 58 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.245 | 0.233 | 4.9 | 56 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.398 | 0.329 | 17.3 | 53 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 60 | 0.00 |
| 64 | T | Tetrachloroethene | 0.352 | 0.342 | 2.8 | 59 | 0.00 |
| 65 | PM | Chlorobenzene | 1.062 | 1.053 | 0.8 | 59 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.374 | 0.370 | 1.1 | 58 | 0.00 |
| 67 | C | Ethyl Benzene | 1.967 | 1.965 | 0.1# | 59 | 0.00 |
| 68 | T | m/p-Xylenes | 0.743 | 0.733 | 1.3 | 59 | 0.00 |
| 69 | T | o-Xylene | 0.690 | 0.687 | 0.4 | 59 | 0.00 |
| 70 | T | Styrene | 1.177 | 1.164 | 1.1 | 58 | 0.00 |
| 71 | P | Bromoform | 0.189 | 0.184 | 2.6 | 57 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 61 | 0.00 |
| 73 | T | Isopropylbenzene | 4.160 | 4.089 | 1.7 | 59 | 0.00 |
| 74 | T | N-amyl acetate | 0.865 | 0.690 | 20.2 | 48# | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.662 | 0.646 | 2.4 | 58 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.483 | 0.470 | 2.7 | 53 | 0.00 |
| 77 | T | Bromobenzene | 0.892 | 0.870 | 2.5 | 58 | 0.00 |
| 78 | T | n-propylbenzene | 4.922 | 4.852 | 1.4 | 60 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.764 | 2.639 | 4.5 | 58 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.465 | 3.364 | 2.9 | 59 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.239 | 0.200 | 16.3 | 50 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.874 | 2.797 | 2.7 | 59 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.936 | 2.884 | 1.8 | 58 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.439 | 3.373 | 1.9 | 59 | 0.00 |
| 85 | T | sec-Butylbenzene | 4.107 | 4.081 | 0.6 | 60 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.736 | 3.676 | 1.6 | 59 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.715 | 1.720 | -0.3 | 60 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.690 | 1.697 | -0.4 | 60 | 0.00 |
| 89 | T | n-Butylbenzene | 3.585 | 3.514 | 2.0 | 59 | 0.00 |
| 90 | T | Hexachloroethane | 0.675 | 0.667 | 1.2 | 58 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.469 | 1.467 | 0.1 | 59 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.108 | 0.098 | 9.3 | 54 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.007 | 0.992 | 1.5 | 58 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.558 | 0.565 | -1.3 | 61 | 0.00 |
| 95 | T | Naphthalene | 1.888 | 1.777 | 5.9 | 56 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068328.D
Acq On : 09 Feb 2021 11:39
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**LabSampleId :** VSTDCCC050

Quant Time: Feb 10 00:15:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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 | 0.849 | 0.813 | 4.2 | 57 | 0.00 |

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