# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
Data File : VD071668.D
Acq On : 11 Jan 2022 10:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jan 12 04:26:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 49.959 | 0.1 | 107 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 49.397 | 1.2 | 105 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 48.482 | 3.0# | 110 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 48.611 | 2.8 | 110 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 47.420 | 5.2 | 109 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 48.400 | 3.2 | 112 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 46.832 | 6.3 | 103 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 48.647 | 2.7 | 110 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.111 | -0.2 | 102 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 272.803 | -9.1 | 111 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.353 | 3.3# | 109 | 0.00 |
| 13 | T | Acrolein | 250.000 | 182.284 | 27.1# | 75 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.505 | 1.0 | 113 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 227.271 | 9.1 | 99 | 0.00 |
| 16 | T | Acetone | 250.000 | 252.912 | -1.2 | 107 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 49.217 | 1.6 | 107 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 44.973 | 10.1 | 97 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 45.823 | 8.4 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 47.923 | 4.2 | 106 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.053 | 1.9 | 110 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 48.300 | 3.4 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 254.858 | -1.9 | 106 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 48.126 | 3.7 | 107 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 229.512 | 8.2 | 102 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.616 | -1.2 | 113 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.415 | 3.2 | 105 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 48.810 | 2.4 | 102 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 224.328 | 10.3 | 98 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.261 | 3.5# | 107 | -0.01 |
| 31 | T | Cyclohexane | 50.000 | 49.548 | 0.9 | 109 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 48.367 | 3.3 | 108 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 50.337 | -0.7 | 99 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 49.591 | 0.8 | 102 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 48.550 | 2.9 | 110 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 44.025 | 12.0 | 97 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 49.849 | 0.3 | 111 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 49.914 | 0.2 | 109 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.604 | 2.8 | 108 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 37.135 | 25.7# | 93 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 45.903 | 8.2 | 102 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 46.852 | 6.3 | 103 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 46.472 | 7.1 | 104 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 48.379 | 3.2# | 106 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.710 | 6.6 | 102 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.303 | 3.4 | 105 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 46.012 | 8.0 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
Data File : VD071668.D
Acq On : 11 Jan 2022 10:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jan 12 04:26:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 928.720 | 7.1 | 98 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.258 | -4.5 | 102 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 231.774 | 7.3 | 100 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.295 | 1.4# | 107 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 49.231 | 1.5 | 109 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.798 | 2.4 | 107 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 48.303 | 3.4 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 48.374 | 3.3 | 102 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 46.300 | 7.4 | 104 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 236.909 | 5.2 | 101 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 244.668 | 2.1 | 104 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 47.877 | 4.2 | 104 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 45.945 | 8.1 | 100 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.296 | 1.4 | 101 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 100 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.238 | 1.5 | 106 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 48.431 | 3.1 | 104 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 47.547 | 4.9 | 106 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.911 | -1.8# | 106 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 103.952 | -4.0 | 108 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.087 | -2.2 | 109 | 0.00 |
| 70 | T | Styrene | 50.000 | 50.919 | -1.8 | 105 | 0.00 |
| 71 | P | Bromoform | 50.000 | 48.471 | 3.1 | 102 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 96 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 53.356 | -6.7 | 108 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.279 | -0.6 | 102 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 46.817 | 6.4 | 99 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 53.466 | -6.9 | 123 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 50.318 | -0.6 | 106 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.810 | -5.6 | 107 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.210 | -2.4 | 105 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.060 | -4.1 | 105 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 51.329 | -2.7 | 109 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.410 | -2.8 | 104 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.448 | -4.9 | 106 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.699 | -5.4 | 106 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.623 | -7.2 | 106 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.739 | -7.5 | 107 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.510 | -1.0 | 104 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.787 | 2.4 | 102 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 53.348 | -6.7 | 107 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 53.048 | -6.1 | 111 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.886 | 0.2 | 102 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 47.698 | 4.6 | 104 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 51.446 | -2.9 | 104 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.267 | -2.5 | 107 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 51.582 | -3.2 | 102 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
Data File : VD071668.D
Acq On : 11 Jan 2022 10:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jan 12 04:26:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 51.608 | -3.2 | 105 | 0.00 |

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