Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
Data File : VD073580.D
Acq On : 14 Jun 2022 20:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 15 01:38:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 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 | 96 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 42.782 | 14.4 | 87 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 46.081 | 7.8 | 93 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 46.676 | 6.6# | 91 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 44.795 | 10.4 | 91 | -0.01 |
| 6 | T | Chloroethane | 50.000 | 47.692 | 4.6 | 93 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 46.650 | 6.7 | 90 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 50.427 | -0.9 | 100 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 48.034 | 3.9 | 90 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 44.869 | 10.3 | 92 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 148.176 | 40.7# | 84 | 0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.129 | 3.7# | 92 | 0.00 |
| 13 | T | Acrolein | 250.000 | 117.935 | 52.8# | 51 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 51.876 | -3.8 | 102 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 264.949 | -6.0 | 105 | 0.00 |
| 16 | T | Acetone | 250.000 | 234.259 | 6.3 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 45.729 | 8.5 | 86 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.358 | -0.7 | 110 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.403 | -6.8 | 102 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 56.617 | -13.2 | 107 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.062 | 1.9 | 93 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 54.930 | -9.9 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 277.398 | -11.0 | 103 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.414 | -2.8 | 99 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 266.248 | -6.5 | 109 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 45.442 | 9.1 | 89 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 52.326 | -4.7 | 99 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.268 | -4.5 | 103 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 278.585 | -11.4 | 106 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.728 | -3.5# | 100 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.912 | 4.2 | 92 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.895 | 0.2 | 94 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.404 | -2.8 | 104 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 101 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.006 | -4.0 | 104 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 48.219 | 3.6 | 92 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 52.727 | -5.5 | 104 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.615 | 2.8 | 94 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 48.491 | 3.0 | 89 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.840 | 0.3 | 97 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.147 | -2.3 | 94 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.259 | -0.5 | 99 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.781 | -3.6 | 105 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.728 | 0.5 | 97 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.399 | -0.8# | 101 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 51.348 | -2.7 | 104 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 49.924 | 0.2 | 98 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 53.604 | -7.2 | 106 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
Data File : VD073580.D
Acq On : 14 Jun 2022 20:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 15 01:38:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 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 | 1031.334 | -3.1 | 104 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 53.134 | -6.3 | 103 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 273.210 | -9.3 | 108 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.377 | -2.8# | 97 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.640 | -1.3 | 99 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 50.991 | -2.0 | 101 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 51.319 | -2.6 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 55.110 | -10.2 | 107 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.727 | -3.5 | 101 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 268.266 | -7.3 | 104 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 270.423 | -8.2 | 108 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.145 | -2.3 | 100 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.607 | -3.2 | 103 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 53.915 | -7.8 | 105 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 46.830 | 6.3 | 91 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.475 | 1.0 | 98 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.598 | 0.8 | 98 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.446 | -0.9# | 95 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 99.391 | 0.6 | 94 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.455 | -2.9 | 97 | 0.00 |
| 70 | T | Styrene | 50.000 | 51.584 | -3.2 | 96 | 0.00 |
| 71 | P | Bromoform | 50.000 | 51.477 | -3.0 | 106 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 100 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.342 | -2.7 | 95 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 52.762 | -5.5 | 106 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.387 | -0.8 | 103 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 49.053 | 1.9 | 98 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 50.585 | -1.2 | 99 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.813 | -1.6 | 94 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.843 | -1.7 | 96 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.263 | -2.5 | 95 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.813 | -5.6 | 105 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.581 | -1.2 | 97 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.577 | -1.2 | 91 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.767 | -3.5 | 96 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 51.257 | -2.5 | 94 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 51.094 | -2.2 | 94 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.445 | 1.1 | 97 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.007 | 2.0 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.408 | -0.8 | 93 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 48.378 | 3.2 | 95 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.439 | -0.9 | 100 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.277 | 1.4 | 104 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 50.451 | -0.9 | 98 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 47.032 | 5.9 | 89 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.905 | 2.2 | 106 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
Data File : VD073580.D
Acq On : 14 Jun 2022 20:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 15 01:38:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 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 | 50.466 | -0.9 | 97 | 0.00 |

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