Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068867.D
Acq On : 15 Apr 2021 20:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 16 01:11:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 66 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 38.412 | 23.2 | 52 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 43.459 | 13.1 | 59 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 42.297 | 15.4# | 57 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 44.933 | 10.1 | 65 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 44.968 | 10.1 | 61 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 44.811 | 10.4 | 62 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 52.282 | -4.6 | 64 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 44.635 | 10.7 | 57 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 39.609 | 20.8 | 50 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 254.965 | -2.0 | 64 | 0.01 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 45.618 | 8.8# | 59 | -0.01 |
| 13 | T | Acrolein | 250.000 | 211.730 | 15.3 | 55 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 44.517 | 11.0 | 57 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 233.973 | 6.4 | 61 | -0.01 |
| 16 | T | Acetone | 250.000 | 222.871 | 10.9 | 59 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 43.690 | 12.6 | 55 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 49.575 | 0.8 | 65 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.156 | -2.3 | 65 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 50.292 | -0.6 | 62 | -0.01 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 46.059 | 7.9 | 61 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 45.625 | 8.8 | 58 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 241.207 | 3.5 | 59 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 44.767 | 10.5 | 60 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 236.651 | 5.3 | 59 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 40.373 | 19.3 | 55 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.418 | 1.2 | 65 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 47.992 | 4.0 | 63 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 243.177 | 2.7 | 60 | 0.00 |
| 30 | C | Chloroform | 50.000 | 46.215 | 7.6# | 62 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 38.292 | 23.4 | 52 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 45.115 | 9.8 | 60 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.329 | 1.3 | 66 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 67 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.204 | -2.4 | 70 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 42.696 | 14.6 | 57 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 47.848 | 4.3 | 67 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 44.611 | 10.8 | 59 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 39.650 | 20.7 | 51 | 0.00 |
| 40 | TM | Benzene | 50.000 | 45.149 | 9.7 | 61 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 45.290 | 9.4 | 73 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 47.407 | 5.2 | 64 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 46.471 | 7.1 | 61 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 45.421 | 9.2 | 61 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 45.666 | 8.7# | 62 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.242 | 1.5 | 65 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 47.521 | 5.0 | 65 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 44.988 | 10.0 | 56 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068867.D
Acq On : 15 Apr 2021 20:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 16 01:11:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1077.621 | -7.8 | 69 | -0.01 |
| 50 | S | Toluene-d8 | 50.000 | 49.461 | 1.1 | 66 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 241.880 | 3.2 | 61 | 0.00 |
| 52 | CM | Toluene | 50.000 | 47.067 | 5.9# | 61 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 46.373 | 7.3 | 61 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 46.673 | 6.7 | 61 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.187 | 1.6 | 66 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 51.682 | -3.4 | 64 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 47.619 | 4.8 | 63 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 236.031 | 5.6 | 62 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 247.042 | 1.2 | 61 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 49.227 | 1.5 | 66 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.503 | 1.0 | 66 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.591 | 0.8 | 67 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 68 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 45.207 | 9.6 | 63 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 47.229 | 5.5 | 64 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 46.672 | 6.7 | 63 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 44.453 | 11.1# | 58 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 94.421 | 5.6 | 62 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 46.697 | 6.6 | 61 | 0.00 |
| 70 | T | Styrene | 50.000 | 48.277 | 3.4 | 62 | 0.00 |
| 71 | P | Bromoform | 50.000 | 50.467 | -0.9 | 68 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 71 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 44.410 | 11.2 | 61 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 45.716 | 8.6 | 62 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 44.443 | 11.1 | 63 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 42.585 | 14.8 | 62 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 46.651 | 6.7 | 67 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 43.351 | 13.3 | 59 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 43.986 | 12.0 | 62 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 45.081 | 9.8 | 61 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 42.059 | 15.9 | 56 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 43.321 | 13.4 | 61 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 43.925 | 12.2 | 60 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 45.458 | 9.1 | 61 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 43.243 | 13.5 | 59 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 44.028 | 11.9 | 59 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 44.688 | 10.6 | 63 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 44.500 | 11.0 | 63 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 41.768 | 16.5 | 56 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 43.801 | 12.4 | 62 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 45.486 | 9.0 | 64 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 41.359 | 17.3 | 60 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.008 | 8.0 | 65 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 43.168 | 13.7 | 59 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 49.275 | 1.5 | 65 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068867.D
Acq On : 15 Apr 2021 20:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 16 01:11:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 47.421 | 5.2 | 65 | 0.00 |

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