# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014325.D
Acq On : 21 Jun 2023 08:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 57 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 21 08:51:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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 | 86 | 0.01 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.944 | 2.1 | 86 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 45.096 | 9.8 | 82 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 48.050 | 3.9# | 84 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 46.010 | 8.0 | 90 | -0.01 |
| 6 | T | Chloroethane | 50.000 | 47.977 | 4.0 | 89 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 55.204 | -10.4 | 97 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 53.487 | -7.0 | 96 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 56.503 | -13.0 | 96 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.202 | 5.6 | 79 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 341.748 | -36.7# | 125 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 54.614 | -9.2# | 96 | 0.00 |
| 13 | T | Acrolein | 250.000 | 239.634 | 4.1 | 81 | 0.01 |
| 14 | T | Allyl chloride | 50.000 | 51.303 | -2.6 | 89 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 305.328 | -22.1 | 109 | 0.00 |
| 16 | T | Acetone | 250.000 | 234.456 | 6.2 | 94 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 51.062 | -2.1 | 91 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 61.095 | -22.2 | 116 | 0.01 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 57.944 | -15.9 | 98 | 0.01 |
| 20 | T | Methylene Chloride | 50.000 | 76.249 | -52.5# | 126 | 0.01 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 56.697 | -13.4 | 97 | 0.01 |
| 22 | T | Diisopropyl ether | 50.000 | 59.023 | -18.0 | 101 | 0.01 |
| 23 | T | Vinyl Acetate | 250.000 | 282.060 | -12.8 | 97 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 56.837 | -13.7 | 100 | 0.02 |
| 25 | T | 2-Butanone | 250.000 | 304.993 | -22.0 | 116 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 46.500 | 7.0 | 83 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 58.256 | -16.5 | 103 | 0.01 |
| 28 | T | Bromochloromethane | 50.000 | 52.223 | -4.4 | 97 | 0.01 |
| 29 | T | Tetrahydrofuran | 250.000 | 322.973 | -29.2# | 120 | 0.00 |
| 30 | C | Chloroform | 50.000 | 58.902 | -17.8# | 103 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 56.914 | -13.8 | 102 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 58.921 | -17.8 | 104 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 47.184 | 5.6 | 92 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.800 | -5.6 | 94 | 0.01 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 59.684 | -19.4 | 102 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 59.861 | -19.7 | 105 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 61.874 | -23.7 | 105 | 0.01 |
| 39 | T | Methylcyclohexane | 50.000 | 61.550 | -23.1 | 102 | 0.00 |
| 40 | TM | Benzene | 50.000 | 59.640 | -19.3 | 103 | 0.01 |
| 41 | T | Methacrylonitrile | 50.000 | 62.427 | -24.9 | 124 | 0.01 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 58.559 | -17.1 | 104 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 60.200 | -20.4 | 105 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 60.221 | -20.4 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 58.702 | -17.4# | 102 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 59.411 | -18.8 | 105 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 61.264 | -22.5 | 106 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 61.439 | -22.9 | 108 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014325.D
Acq On : 21 Jun 2023 08:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 57 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 21 08:51:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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 | 1328.190 | -32.8# | 114 | -0.02 |
| 50 | S | Toluene-d8 | 50.000 | 48.254 | 3.5 | 91 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 327.589 | -31.0# | 115 | 0.00 |
| 52 | CM | Toluene | 50.000 | 60.762 | -21.5# | 104 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 56.508 | -13.0 | 98 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 55.972 | -11.9 | 98 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 61.805 | -23.6 | 108 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 63.291 | -26.6# | 105 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 60.921 | -21.8 | 105 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 303.134 | -21.3 | 110 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 324.754 | -29.9# | 116 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 62.318 | -24.6 | 109 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 61.145 | -22.3 | 107 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 56.792 | -13.6 | 104 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 91 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 68.269 | -36.5# | 126 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 57.159 | -14.3 | 105 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 58.493 | -17.0 | 106 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 59.784 | -19.6# | 107 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 119.759 | -19.8 | 107 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 60.529 | -21.1 | 108 | 0.00 |
| 70 | T | Styrene | 50.000 | 61.169 | -22.3 | 109 | 0.00 |
| 71 | P | Bromoform | 50.000 | 60.686 | -21.4 | 112 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 57.290 | -14.6 | 108 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 55.459 | -10.9 | 107 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 56.398 | -12.8 | 113 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 55.599 | -11.2 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 55.373 | -10.7 | 108 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 57.988 | -16.0 | 109 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 56.792 | -13.6 | 110 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 57.807 | -15.6 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 49.483 | 1.0 | 96 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 56.412 | -12.8 | 109 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 58.204 | -16.4 | 110 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 58.233 | -16.5 | 111 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 58.733 | -17.5 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 57.322 | -14.6 | 108 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 55.405 | -10.8 | 109 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 54.693 | -9.4 | 109 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 57.623 | -15.2 | 109 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 58.231 | -16.5 | 114 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 56.618 | -13.2 | 111 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 56.270 | -12.5 | 122 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.361 | -6.7 | 105 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 55.689 | -11.4 | 108 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 57.375 | -14.8 | 114 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014325.D
Acq On : 21 Jun 2023 08:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 57 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 21 08:51:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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 | 54.474 | -8.9 | 110 | 0.00 |

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