Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
Data File : VY004382.D
Acq On : 12 Apr 2021 14:02
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** ICVVY041221

Quant Time: Apr 13 03:39:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 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 | 97 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.051 | 3.9 | 89 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 47.215 | 5.6 | 93 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 51.171 | -2.3# | 99 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 50.757 | -1.5 | 99 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.016 | 4.0 | 90 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.876 | 4.2 | 91 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 49.809 | 0.4 | 98 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 48.297 | 3.4 | 91 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.380 | 5.2 | 90 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 266.052 | -6.4 | 116 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 47.852 | 4.3# | 91 | 0.00 |
| 13 | T | Acrolein | 250.000 | 269.800 | -7.9 | 112 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 47.279 | 5.4 | 92 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 259.122 | -3.6 | 106 | 0.00 |
| 16 | T | Acetone | 250.000 | 276.264 | -10.5 | 109 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.957 | 6.1 | 88 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.236 | -0.5 | 106 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 50.475 | -1.0 | 100 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 47.538 | 4.9 | 94 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.717 | 2.6 | 92 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 48.897 | 2.2 | 94 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 253.724 | -1.5 | 99 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 48.293 | 3.4 | 92 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 271.326 | -8.5 | 110 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 48.153 | 3.7 | 91 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.718 | 2.6 | 93 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 55.052 | -10.1 | 100 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 260.725 | -4.3 | 108 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.874 | 2.3# | 93 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 45.143 | 9.7 | 89 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 48.282 | 3.4 | 91 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 53.428 | -6.9 | 99 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.096 | -2.2 | 94 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 47.694 | 4.6 | 91 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.073 | -2.1 | 107 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 49.471 | 1.1 | 91 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.034 | 5.9 | 88 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.409 | 3.2 | 93 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 44.030 | 11.9 | 82 | -0.02 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.266 | 1.5 | 98 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.782 | -3.6 | 104 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.102 | 1.8 | 93 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 49.085 | 1.8# | 94 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.821 | 0.4 | 98 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 49.304 | 1.4 | 95 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 52.057 | -4.1 | 103 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
Data File : VY004382.D
Acq On : 12 Apr 2021 14:02
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** ICVVY041221

Quant Time: Apr 13 03:39:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 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 | 1122.871 | -12.3 | 130 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.159 | -4.3 | 95 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 264.614 | -5.8 | 108 | 0.00 |
| 52 | CM | Toluene | 50.000 | 47.609 | 4.8# | 92 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.256 | -0.5 | 98 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.665 | 2.7 | 94 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.918 | 0.2 | 100 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 51.675 | -3.3 | 101 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.486 | -1.0 | 100 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 283.703 | -13.5 | 107 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 275.266 | -10.1 | 112 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 50.213 | -0.4 | 97 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.925 | -1.8 | 100 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 51.866 | -3.7 | 97 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.394 | 1.2 | 96 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 47.853 | 4.3 | 94 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 48.370 | 3.3 | 93 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 47.676 | 4.6# | 92 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 96.880 | 3.1 | 93 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 48.016 | 4.0 | 92 | 0.00 |
| 70 | T | Styrene | 50.000 | 49.519 | 1.0 | 94 | 0.00 |
| 71 | P | Bromoform | 50.000 | 50.377 | -0.8 | 101 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 100 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 47.732 | 4.5 | 92 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 52.419 | -4.8 | 105 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.341 | -0.7 | 103 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 51.354 | -2.7 | 101 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 47.853 | 4.3 | 96 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 47.983 | 4.0 | 92 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.395 | 3.2 | 94 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 47.750 | 4.5 | 92 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 50.614 | -1.2 | 106 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 48.669 | 2.7 | 95 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 47.429 | 5.1 | 91 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 47.989 | 4.0 | 93 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 47.814 | 4.4 | 91 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 47.438 | 5.1 | 91 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.576 | 2.8 | 96 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.840 | 4.3 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 47.576 | 4.8 | 91 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 44.496 | 11.0 | 85 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.257 | 1.5 | 98 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.666 | 0.7 | 108 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 48.349 | 3.3 | 98 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 47.411 | 5.2 | 91 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 50.848 | -1.7 | 107 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
Data File : VY004382.D
Acq On : 12 Apr 2021 14:02
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
ICVVY041221

Quant Time: Apr 13 03:39:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 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 | 48.612 | 2.8 | 101 | 0.00 |

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