Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
Data File : VU044140.D
Acq On : 09 Jun 2021 15:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** ICVVU060921

Quant Time: Jun 10 05:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 45.528 | 8.9 | 98 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.206 | 3.6 | 98 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 44.257 | 11.5# | 98 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 34.868 | 30.3# | 66 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.852 | 2.3 | 100 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 45.142 | 9.7 | 99 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 45.077 | 9.8 | 98 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 44.772 | 10.5 | 99 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.729 | 4.5 | 94 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 230.959 | 7.6 | 103 | 0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 45.594 | 8.8# | 101 | 0.00 |
| 13 | T | Acrolein | 250.000 | 207.837 | 16.9 | 86 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 45.521 | 9.0 | 99 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 230.013 | 8.0 | 96 | 0.00 |
| 16 | T | Acetone | 250.000 | 236.657 | 5.3 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 44.340 | 11.3 | 100 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 45.714 | 8.6 | 97 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 48.561 | 2.9 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 48.265 | 3.5 | 99 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 46.250 | 7.5 | 100 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 47.185 | 5.6 | 98 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 241.630 | 3.3 | 99 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 45.516 | 9.0 | 100 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 229.289 | 8.3 | 98 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 46.260 | 7.5 | 102 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 46.035 | 7.9 | 100 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 44.854 | 10.3 | 98 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 232.874 | 6.9 | 95 | 0.00 |
| 30 | C | Chloroform | 50.000 | 45.520 | 9.0# | 100 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 44.910 | 10.2 | 99 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 45.751 | 8.5 | 100 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 46.211 | 7.6 | 99 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 46.472 | 7.1 | 97 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 46.929 | 6.1 | 100 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 45.858 | 8.3 | 97 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.530 | 4.9 | 101 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.775 | 4.5 | 101 | 0.00 |
| 40 | TM | Benzene | 50.000 | 46.869 | 6.3 | 99 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 49.079 | 1.8 | 98 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 45.663 | 8.7 | 99 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.483 | 1.0 | 102 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.321 | 3.4 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 45.596 | 8.8# | 100 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.656 | 6.7 | 101 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 46.972 | 6.1 | 100 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 50.639 | -1.3 | 103 | 0.00 |

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Acq On : 09 Jun 2021 15:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** ICVVU060921

Quant Time: Jun 10 05:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1007.095 | -0.7 | 100 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.790 | 4.4 | 100 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 258.755 | -3.5 | 104 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.452 | 1.1# | 101 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.508 | -1.0 | 104 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 49.614 | 0.8 | 102 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 48.495 | 3.0 | 103 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 55.348 | -10.7 | 108 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 48.782 | 2.4 | 103 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 231.928 | 7.2 | 105 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 257.715 | -3.1 | 104 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.041 | -2.1 | 106 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.688 | 0.6 | 105 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.057 | -4.1 | 110 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 107 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 45.329 | 9.3 | 99 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 47.551 | 4.9 | 105 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.301 | 1.4 | 107 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.644 | 0.7# | 104 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.101 | -2.1 | 104 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.365 | -4.7 | 107 | 0.00 |
| 70 | T | Styrene | 50.000 | 53.016 | -6.0 | 107 | 0.00 |
| 71 | P | Bromoform | 50.000 | 51.933 | -3.9 | 110 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.399 | -2.8 | 107 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.225 | -2.5 | 109 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 47.980 | 4.0 | 108 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 48.945 | 2.1 | 107 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.721 | 2.6 | 110 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.305 | -0.6 | 108 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 49.898 | 0.2 | 108 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.492 | -5.0 | 107 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 50.830 | -1.7 | 109 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.717 | -1.4 | 108 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.203 | -4.4 | 109 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.962 | -5.9 | 107 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.386 | -4.8 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.429 | -6.9 | 108 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.151 | 1.7 | 109 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 46.890 | 6.2 | 109 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.920 | -1.8 | 109 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 51.068 | -2.1 | 112 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 47.387 | 5.2 | 107 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 47.333 | 5.3 | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 48.740 | 2.5 | 109 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.713 | 2.6 | 108 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 47.254 | 5.5 | 108 | 0.00 |

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Data File : VU044140.D
Acq On : 09 Jun 2021 15:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
ICVVU060921

Quant Time: Jun 10 05:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.176 | 1.6 | 109 | 0.00 |

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