Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
Data File : VU044085.D
Acq On : 08 Jun 2021 02:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_U
**LabSampleId :** VSTDCCC050

Quant Time: Jun 08 17:45:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 17:38:51 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 | 97 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.304 | 3.4 | 93 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 49.907 | 0.2 | 91 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 46.768 | 6.5# | 91 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 34.932 | 30.1# | 61 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 46.372 | 7.3 | 90 | -0.01 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.952 | 4.1 | 94 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.886 | 4.2 | 95 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 46.376 | 7.2 | 93 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 52.409 | -4.8 | 95 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 269.760 | -7.9 | 105 | 0.03 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.353 | -0.7# | 96 | 0.00 |
| 13 | T | Acrolein | 250.000 | 199.291 | 20.3# | 78 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 46.655 | 6.7 | 89 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 244.732 | 2.1 | 90 | 0.00 |
| 16 | T | Acetone | 250.000 | 200.394 | 19.8 | 84 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.979 | 6.0 | 91 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.808 | -1.6 | 94 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.748 | -7.5 | 99 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 52.018 | -4.0 | 95 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.510 | 1.0 | 94 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.714 | -1.4 | 92 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 257.284 | -2.9 | 91 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 48.281 | 3.4 | 94 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 243.330 | 2.7 | 90 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 41.055 | 17.9 | 79 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.692 | -1.4 | 96 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 48.408 | 3.2 | 91 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 251.687 | -0.7 | 90 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.693 | 2.6# | 95 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 46.867 | 6.3 | 93 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.676 | 0.6 | 96 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.218 | 1.6 | 95 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.532 | 2.9 | 97 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 47.324 | 5.4 | 93 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 47.844 | 4.3 | 91 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.332 | 5.3 | 94 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.850 | 4.3 | 93 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.170 | 3.7 | 95 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 49.274 | 1.5 | 91 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 47.190 | 5.6 | 93 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.160 | 1.7 | 94 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.883 | 2.2 | 98 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 47.456 | 5.1# | 94 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.915 | 6.2 | 93 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.038 | 3.9 | 94 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 50.537 | -1.1 | 94 | 0.00 |

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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_U
**LabSampleId :** VSTDCCC050

Quant Time: Jun 08 17:45:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 17:38:51 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 | 1042.713 | -4.3 | 97 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 49.121 | 1.8 | 96 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 265.572 | -6.2 | 99 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.452 | -0.9# | 96 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 49.890 | 0.2 | 95 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 47.748 | 4.5 | 92 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.497 | -1.0 | 101 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 48.456 | 3.1 | 103 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 49.549 | 0.9 | 98 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 247.185 | 1.1 | 108 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 268.736 | -7.5 | 98 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.541 | -3.1 | 102 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.752 | -1.5 | 99 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 53.652 | -7.3 | 108 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.835 | 0.3 | 98 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 48.819 | 2.4 | 100 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.745 | 0.5 | 102 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.020 | -0.0# | 98 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 103.902 | -3.9 | 100 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.732 | -5.5 | 101 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.723 | -9.4 | 102 | 0.00 |
| 71 | P | Bromoform | 50.000 | 51.890 | -3.8 | 106 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 106 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.959 | -3.9 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.918 | -3.8 | 101 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 48.307 | 3.4 | 102 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 48.312 | 3.4 | 97 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.344 | -2.7 | 105 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.866 | -1.7 | 100 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.647 | -1.3 | 103 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 52.795 | -5.6 | 102 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 46.771 | 6.5 | 95 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.456 | -2.9 | 102 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.531 | -5.1 | 104 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 49.596 | 0.8 | 103 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.529 | -5.1 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.208 | -6.4 | 101 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.842 | 0.3 | 104 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.669 | 4.7 | 104 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.329 | 1.3 | 97 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 47.426 | 5.1 | 101 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.901 | 0.2 | 104 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 46.769 | 6.5 | 96 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.778 | 0.4 | 98 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 46.338 | 7.3 | 99 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 46.940 | 6.1 | 99 | 0.00 |

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Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 08 17:45:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 17:38:51 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 | 52.283 | -4.6 | 100 | 0.00 |

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