Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
Data File : VU042920.D
Acq On : 03 Apr 2021 00:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 03 01:42:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 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 | 101 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 43.825 | 12.3 | 88 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 41.193 | 17.6 | 91 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 44.754 | 10.5# | 93 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 35.593 | 28.8# | 71 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 40.159 | 19.7 | 85 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 46.293 | 7.4 | 97 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 47.759 | 4.5 | 104 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 46.802 | 6.4 | 98 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 39.293 | 21.4# | 78 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 258.504 | -3.4 | 109 | -0.03 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 46.304 | 7.4# | 99 | 0.00 |
| 13 | T | Acrolein | 250.000 | 132.522 | 47.0# | 57 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.159 | 1.7 | 104 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 268.949 | -7.6 | 112 | 0.00 |
| 16 | T | Acetone | 250.000 | 243.748 | 2.5 | 92 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 43.277 | 13.4 | 90 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 62.186 | -24.4# | 126 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.359 | -4.7 | 107 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 44.954 | 10.1 | 100 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.622 | 4.8 | 99 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 52.695 | -5.4 | 106 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 256.949 | -2.8 | 104 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.008 | 2.0 | 104 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 260.916 | -4.4 | 108 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 43.493 | 13.0 | 90 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.179 | -0.4 | 102 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 56.097 | -12.2 | 107 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 272.000 | -8.8 | 111 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.692 | -1.4# | 104 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.232 | 5.5 | 101 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 50.055 | -0.1 | 104 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.267 | -2.5 | 109 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 106 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.732 | 2.5 | 109 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.402 | 1.2 | 102 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.955 | -3.9 | 111 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.281 | 3.4 | 102 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.267 | 5.5 | 98 | 0.00 |
| 40 | TM | Benzene | 50.000 | 47.897 | 4.2 | 104 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 54.447 | -8.9 | 114 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.679 | -1.4 | 107 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 50.868 | -1.7 | 107 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.999 | 2.0 | 104 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.266 | -0.5# | 104 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 50.134 | -0.3 | 105 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 49.871 | 0.3 | 105 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 54.433 | -8.9 | 111 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 03 01:42:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 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 | 1056.792 | -5.7 | 107 | -0.01 |
| 50 | S | Toluene-d8 | 50.000 | 49.336 | 1.3 | 107 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 267.301 | -6.9 | 112 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.543 | 0.9# | 101 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 51.091 | -2.2 | 104 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.650 | 2.7 | 101 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.273 | -0.5 | 105 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.536 | -7.1 | 109 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 49.780 | 0.4 | 106 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 230.795 | 7.7 | 111 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 271.896 | -8.8 | 111 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 49.817 | 0.4 | 104 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.803 | 0.4 | 106 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 50.509 | -1.0 | 107 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 48.297 | 3.4 | 98 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.723 | 0.6 | 103 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.389 | -0.8 | 104 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.988 | -2.0# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 103.113 | -3.1 | 101 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 50.633 | -1.3 | 101 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.608 | -5.2 | 102 | 0.00 |
| 71 | P | Bromoform | 50.000 | 50.987 | -2.0 | 103 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 101 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.622 | -1.2 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 53.507 | -7.0 | 106 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 48.636 | 2.7 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 48.693 | 2.6 | 108 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 47.831 | 4.3 | 100 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 51.135 | -2.3 | 100 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.439 | -0.9 | 102 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.367 | -2.7 | 100 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 45.875 | 8.3 | 95 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.323 | -0.6 | 100 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.352 | -0.7 | 103 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 52.276 | -4.6 | 101 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.450 | -4.9 | 101 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.886 | -5.8 | 99 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.670 | 2.7 | 101 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.811 | 2.4 | 101 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 51.510 | -3.0 | 98 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 47.992 | 4.0 | 99 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 48.965 | 2.1 | 101 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 54.887 | -9.8 | 113 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.351 | -6.7 | 102 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 45.614 | 8.8 | 93 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 49.182 | 1.6 | 105 | 0.00 |

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 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 | 51.607 | -3.2 | 98 | 0.00 |

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