Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
Data File : VU043356.D
Acq On : 27 Apr 2021 17:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 28 09:10:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 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 | 125 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 50.949 | -1.9 | 130 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 57.582 | -15.2 | 144 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 50.284 | -0.6# | 131 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 54.690 | -9.4 | 134 | 0.02 |
| 6 | T | Chloroethane | 50.000 | 48.255 | 3.5 | 123 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.373 | 5.3 | 124 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 51.033 | -2.1 | 131 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 52.972 | -5.9 | 137 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 41.651 | 16.7 | 100 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 210.109 | 16.0 | 107 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 52.269 | -4.5# | 134 | 0.00 |
| 13 | T | Acrolein | 250.000 | 248.185 | 0.7 | 127 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 53.235 | -6.5 | 141 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 250.988 | -0.4 | 132 | 0.00 |
| 16 | T | Acetone | 250.000 | 296.904 | -18.8 | 152 | 0.01 |
| 17 | T | Carbon Disulfide | 50.000 | 44.932 | 10.1 | 120 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 55.434 | -10.9 | 146 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.260 | -2.5 | 131 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.313 | 1.4 | 132 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.167 | 1.7 | 129 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 53.215 | -6.4 | 135 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 261.181 | -4.5 | 131 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.806 | -5.6 | 137 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 252.626 | -1.1 | 129 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.734 | -1.5 | 128 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 51.247 | -2.5 | 129 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.540 | -5.1 | 141 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 240.419 | 3.8 | 123 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.609 | -1.2# | 130 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 48.760 | 2.5 | 129 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.808 | 0.4 | 126 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.605 | 0.8 | 134 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 128 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 49.712 | 0.6 | 135 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.627 | 0.7 | 126 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 48.619 | 2.8 | 131 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.654 | 2.7 | 123 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.723 | 4.6 | 121 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.339 | -0.7 | 129 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 50.474 | -0.9 | 133 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 50.336 | -0.7 | 128 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 48.914 | 2.2 | 126 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 52.563 | -5.1 | 134 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.603 | -5.2# | 133 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.625 | 0.8 | 127 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 51.016 | -2.0 | 129 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.204 | 1.6 | 124 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 28 09:10:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 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 | 848.489 | 15.2 | 100 | 0.03 |
| 50 | S | Toluene-d8 | 50.000 | 48.627 | 2.7 | 129 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 233.963 | 6.4 | 119 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.908 | 0.2# | 124 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 48.751 | 2.5 | 121 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 50.997 | -2.0 | 128 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.125 | -0.3 | 129 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 47.344 | 5.3 | 117 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 50.043 | -0.1 | 128 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 158.075 | 36.8# | 85 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 233.714 | 6.5 | 115 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 49.206 | 1.6 | 122 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 48.580 | 2.8 | 121 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 46.538 | 6.9 | 123 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 122 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 55.417 | -10.8 | 139 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.675 | 0.7 | 124 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.505 | -1.0 | 122 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 51.061 | -2.1# | 124 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 100.895 | -0.9 | 120 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 49.261 | 1.5 | 118 | 0.00 |
| 70 | T | Styrene | 50.000 | 51.039 | -2.1 | 119 | 0.00 |
| 71 | P | Bromoform | 50.000 | 45.101 | 9.8 | 112 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 110 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.545 | -5.1 | 118 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 48.467 | 3.1 | 110 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.400 | 1.2 | 112 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.249 | 7.5 | 110 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.084 | 1.8 | 116 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.774 | -5.5 | 117 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.941 | -1.9 | 115 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.423 | -2.8 | 111 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 43.288 | 13.4 | 96 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.155 | -2.3 | 116 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 49.141 | 1.7 | 109 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 50.377 | -0.8 | 111 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.473 | -0.9 | 112 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 49.912 | 0.2 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.092 | 1.8 | 112 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.737 | 4.5 | 109 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.636 | 0.7 | 107 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 42.319 | 15.4 | 96 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 48.376 | 3.2 | 110 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 47.572 | 4.9 | 106 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.553 | -5.1 | 124 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.570 | 2.9 | 107 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 55.223 | -10.4 | 133 | 0.00 |

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ALS Vial : 2 Sample Multiplier: 1

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
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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 | 55.122 | -10.2 | 129 | 0.00 |

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