Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
Data File : VN080664.D
Acq On : 10 Jan 2024 16:37
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
ICVVN011024

Quant Time: Jan 11 06:43:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
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 | 113 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 48.811 | 2.4 | 102 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 49.668 | 0.7 | 112 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 48.481 | 3.0# | 109 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 44.832 | 10.3 | 103 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.559 | 2.9 | 109 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.872 | 4.3 | 103 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 46.759 | 6.5 | 107 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.153 | 1.7 | 109 | -0.01 |
| 10 | T | Methyl Iodide | 50.000 | 48.140 | 3.7 | 103 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 234.032 | 6.4 | 102 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 45.110 | 9.8# | 109 | 0.00 |
| 13 | T | Acrolein | 250.000 | 213.663 | 14.5 | 106 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 45.623 | 8.8 | 109 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 242.900 | 2.8 | 110 | 0.00 |
| 16 | T | Acetone | 250.000 | 246.509 | 1.4 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 45.364 | 9.3 | 111 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 50.064 | -0.1 | 111 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 48.160 | 3.7 | 109 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 44.706 | 10.6 | 110 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.973 | 4.1 | 112 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 48.942 | 2.1 | 113 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 245.989 | 1.6 | 109 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 48.039 | 3.9 | 110 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 239.622 | 4.2 | 108 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.600 | -1.2 | 114 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.429 | 1.1 | 110 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 49.421 | 1.2 | 114 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 239.317 | 4.3 | 107 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.869 | 2.3# | 111 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 46.000 | 8.0 | 112 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 48.355 | 3.3 | 109 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.029 | 1.9 | 105 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 53.071 | -6.1 | 105 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 48.488 | 3.0 | 109 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 50.694 | -1.4 | 110 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 49.255 | 1.5 | 106 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 51.556 | -3.1 | 111 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.860 | 0.3 | 111 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 49.017 | 2.0 | 104 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.911 | 0.2 | 109 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 50.039 | -0.1 | 109 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.208 | 3.6 | 108 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 51.275 | -2.5# | 115 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.931 | 0.1 | 110 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 47.982 | 4.0 | 107 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 50.209 | -0.4 | 110 | 0.00 |

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
ICVVN011024

Quant Time: Jan 11 06:43:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
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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 | 940.660 | 5.9 | 94 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 52.785 | -5.6 | 109 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 251.440 | -0.6 | 109 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.621 | -1.2# | 111 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 51.132 | -2.3 | 108 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 50.912 | -1.8 | 110 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.689 | 0.6 | 112 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 49.601 | 0.8 | 110 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.381 | -2.8 | 110 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 260.917 | -4.4 | 114 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 254.126 | -1.7 | 110 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 50.490 | -1.0 | 111 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 50.031 | -0.1 | 107 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.111 | -4.2 | 108 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 113 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.003 | 6.0 | 108 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.321 | 1.4 | 109 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.065 | 1.9 | 106 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.931 | 0.1# | 109 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.054 | -2.1 | 109 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.451 | -2.9 | 109 | 0.00 |
| 70 | T | Styrene | 50.000 | 50.258 | -0.5 | 106 | 0.00 |
| 71 | P | Bromoform | 50.000 | 48.665 | 2.7 | 103 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 49.023 | 2.0 | 107 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 47.577 | 4.8 | 108 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 47.385 | 5.2 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 51.987 | -4.0 | 119 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.450 | 3.1 | 109 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 49.852 | 0.3 | 111 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.222 | 3.6 | 111 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 48.933 | 2.1 | 107 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 47.648 | 4.7 | 111 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 49.077 | 1.8 | 110 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 47.471 | 5.1 | 107 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 48.728 | 2.5 | 107 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.354 | -0.7 | 109 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 49.504 | 1.0 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 47.381 | 5.2 | 107 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.725 | 4.5 | 106 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 51.573 | -3.1 | 110 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 48.688 | 2.6 | 107 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.846 | 0.3 | 108 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 48.151 | 3.7 | 106 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 48.034 | 3.9 | 103 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 44.424 | 11.2 | 105 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 47.406 | 5.2 | 102 | 0.00 |

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
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 | 49.457 | 1.1 | 104 | 0.00 |

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