Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
Data File : VN084865.D
Acq On : 14 Nov 2024 20:34
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 15 00:55:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 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 | 83 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 50.995 | -2.0 | 88 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.147 | 3.7 | 80 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 59.180 | -18.4# | 100 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 56.562 | -13.1 | 104 | -0.05 |
| 6 | T | Chloroethane | 50.000 | 61.008 | -22.0 | 102 | -0.05 |
| 7 | T | Trichlorofluoromethane | 50.000 | 59.956 | -19.9 | 105 | -0.03 |
| 8 | T | Diethyl Ether | 50.000 | 54.094 | -8.2 | 91 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 55.268 | -10.5 | 95 | -0.02 |
| 10 | T | Methyl Iodide | 50.000 | 56.548 | -13.1 | 98 | -0.02 |
| 11 | T | Tert butyl alcohol | 250.000 | 275.133 | -10.1 | 101 | 0.02 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 53.117 | -6.2# | 93 | -0.01 |
| 13 | T | Acrolein | 250.000 | 285.228 | -14.1 | 102 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 52.474 | -4.9 | 88 | -0.02 |
| 15 | T | Acrylonitrile | 250.000 | 278.633 | -11.5 | 94 | 0.00 |
| 16 | T | Acetone | 250.000 | 272.496 | -9.0 | 92 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.036 | 7.9 | 83 | -0.01 |
| 18 | T | Methyl Acetate | 50.000 | 51.720 | -3.4 | 87 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 59.415 | -18.8 | 98 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 53.103 | -6.2 | 93 | -0.01 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 53.319 | -6.6 | 92 | -0.01 |
| 22 | T | Diisopropyl ether | 50.000 | 55.011 | -10.0 | 90 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 286.962 | -14.8 | 93 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 54.153 | -8.3 | 93 | -0.01 |
| 25 | T | 2-Butanone | 250.000 | 283.466 | -13.4 | 100 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 55.291 | -10.6 | 93 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 55.812 | -11.6 | 95 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 50.431 | -0.9 | 72 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 280.773 | -12.3 | 94 | 0.00 |
| 30 | C | Chloroform | 50.000 | 56.209 | -12.4# | 96 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.527 | -1.1 | 89 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 56.913 | -13.8 | 97 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 53.011 | -6.0 | 88 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 54.768 | -9.5 | 89 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 54.841 | -9.7 | 94 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 55.188 | -10.4 | 92 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 57.700 | -15.4 | 97 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 60.236 | -20.5 | 93 | 0.00 |
| 40 | TM | Benzene | 50.000 | 54.247 | -8.5 | 93 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 57.888 | -15.8 | 89 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 56.862 | -13.7 | 93 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 56.674 | -13.3 | 97 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 55.555 | -11.1 | 95 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 56.518 | -13.0# | 95 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 55.488 | -11.0 | 94 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 56.929 | -13.9 | 95 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 58.051 | -16.1 | 92 | 0.00 |

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

**Instrument :**
MSVOA_N
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 15 00:55:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 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) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1146.518 | -14.7 | 92 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 54.407 | -8.8 | 86 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 293.862 | -17.5 | 93 | 0.00 |
| 52 | CM | Toluene | 50.000 | 58.447 | -16.9# | 95 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.885 | -9.8 | 91 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.606 | -13.2 | 93 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 56.801 | -13.6 | 95 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 64.522 | -29.0# | 95 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 56.356 | -12.7 | 94 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 306.608 | -22.6 | 87 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 303.260 | -21.3 | 95 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 59.518 | -19.0 | 94 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 57.406 | -14.8 | 97 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 60.654 | -21.3 | 95 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 56.004 | -12.0 | 99 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 53.221 | -6.4 | 93 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 54.293 | -8.6 | 94 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 57.536 | -15.1# | 95 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 113.836 | -13.8 | 92 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 59.471 | -18.9 | 95 | 0.00 |
| 70 | T | Styrene | 50.000 | 57.103 | -14.2 | 91 | 0.00 |
| 71 | P | Bromoform | 50.000 | 58.930 | -17.9 | 98 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 92 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.412 | -4.8 | 95 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.424 | -0.8 | 91 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 46.651 | 6.7 | 94 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.439 | 7.1 | 96 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 46.835 | 6.3 | 92 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.824 | -1.6 | 91 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 49.293 | 1.4 | 93 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 55.028 | -10.1 | 96 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 46.680 | 6.6 | 90 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 47.416 | 5.2 | 91 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 55.378 | -10.8 | 97 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.434 | -8.9 | 95 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.655 | -5.3 | 93 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 55.294 | -10.6 | 93 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 45.591 | 8.8 | 92 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.842 | 2.3 | 91 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 48.553 | 2.9 | 89 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 46.799 | 6.4 | 91 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 45.267 | 9.5 | 91 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 46.266 | 7.5 | 93 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 43.040 | 13.9 | 89 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 43.689 | 12.6 | 93 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 47.152 | 5.7 | 90 | 0.00 |

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**LabSampleId :**
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 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 | 43.403 | 13.2 | 89 | 0.00 |

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