Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
Data File : VN085339.D
Acq On : 30 Dec 2024 12:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 31 02:10:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 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 | 107 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 46.491 | 7.0 | 96 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 42.529 | 14.9 | 101 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 39.891 | 20.2# | 90 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 41.727 | 16.5 | 97 | -0.02 |
| 6 | T | Chloroethane | 50.000 | 42.783 | 14.4 | 97 | -0.01 |
| 7 | T | Trichlorofluoromethane | 50.000 | 43.435 | 13.1 | 96 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 54.243 | -8.5 | 114 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 44.551 | 10.9 | 99 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 49.726 | 0.5 | 103 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 328.896 | -31.6# | 147 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 45.699 | 8.6# | 101 | 0.00 |
| 13 | T | Acrolein | 250.000 | 249.441 | 0.2 | 114 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 47.478 | 5.0 | 106 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 307.686 | -23.1 | 135 | 0.00 |
| 16 | T | Acetone | 250.000 | 300.411 | -20.2 | 135 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 41.800 | 16.4 | 98 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 61.270 | -22.5 | 135 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.708 | -7.4 | 111 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.843 | 0.3 | 110 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 47.565 | 4.9 | 104 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 53.614 | -7.2 | 113 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 288.852 | -15.5 | 120 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.537 | 0.9 | 109 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 316.965 | -26.8# | 134 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 47.070 | 5.9 | 99 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.502 | -1.0 | 106 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.336 | -4.7 | 113 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 327.522 | -31.0# | 138 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.690 | 2.6# | 108 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 40.574 | 18.9 | 93 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 45.059 | 9.9 | 99 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 49.063 | 1.9 | 104 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 105 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.363 | 3.3 | 100 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 46.052 | 7.9 | 96 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 59.616 | -19.2 | 137 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 47.119 | 5.8 | 99 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 46.712 | 6.6 | 93 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.303 | -0.6 | 106 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 61.306 | -22.6 | 127 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.050 | -4.1 | 115 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 60.271 | -20.5 | 128 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 47.545 | 4.9 | 105 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 51.386 | -2.8# | 112 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.207 | -6.4 | 114 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.711 | -5.4 | 112 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 63.963 | -27.9# | 128 | 0.00 |

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 31 02:10:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 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 | 1527.056 | -52.7# | 146 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.323 | 5.4 | 98 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 326.031 | -30.4# | 133 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.401 | -2.8# | 105 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.871 | -9.7 | 109 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 54.269 | -8.5 | 111 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 53.534 | -7.1 | 114 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 63.406 | -26.8# | 120 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 54.914 | -9.8 | 114 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 309.966 | -24.0 | 118 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 345.412 | -38.2# | 138 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 56.641 | -13.3 | 113 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 55.431 | -10.9 | 115 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.990 | 0.0 | 100 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 110 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 44.842 | 10.3 | 100 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 47.508 | 5.0 | 108 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.684 | -1.4 | 112 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.057 | 1.9# | 104 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.977 | -3.0 | 105 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.128 | -2.3 | 104 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.558 | -9.1 | 108 | 0.00 |
| 71 | P | Bromoform | 50.000 | 58.141 | -16.3 | 122 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 45.740 | 8.5 | 100 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 57.435 | -14.9 | 124 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 52.150 | -4.3 | 128 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 53.164 | -6.3 | 136 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 46.982 | 6.0 | 114 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 48.190 | 3.6 | 105 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 47.959 | 4.1 | 109 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 48.856 | 2.3 | 106 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 54.750 | -9.5 | 121 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 47.630 | 4.7 | 109 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 47.474 | 5.1 | 105 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 49.182 | 1.6 | 104 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 46.967 | 6.1 | 100 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 44.497 | 11.0 | 102 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 47.515 | 5.0 | 111 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.186 | 5.6 | 114 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 46.613 | 6.8 | 100 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 48.685 | 2.6 | 107 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.305 | 1.4 | 114 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 56.754 | -13.5 | 130 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.044 | 1.9 | 113 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 41.688 | 16.6 | 107 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 49.854 | 0.3 | 117 | 0.00 |

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QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.285 | 1.4 | 116 | 0.00 |

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