Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
Data File : VN086199.D
Acq On : 01 Apr 2025 16:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 02 01:53:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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 | 90 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 60.130 | -20.3 | 111 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 57.496 | -15.0 | 108 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 61.813 | -23.6# | 111 | 0.01 |
| 5 | T | Bromomethane | 50.000 | 44.539 | 10.9 | 85 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 58.179 | -16.4 | 118 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 54.356 | -8.7 | 106 | 0.01 |
| 8 | T | Diethyl Ether | 50.000 | 52.822 | -5.6 | 95 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 52.606 | -5.2 | 104 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 45.129 | 9.7 | 82 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 213.576 | 14.6 | 79 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 55.355 | -10.7# | 99 | 0.00 |
| 13 | T | Acrolein | 250.000 | 141.445 | 43.4# | 53 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 54.908 | -9.8 | 102 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 249.899 | 0.0 | 93 | 0.00 |
| 16 | T | Acetone | 250.000 | 239.772 | 4.1 | 93 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 50.453 | -0.9 | 101 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 77.897 | -55.8# | 154 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 57.333 | -14.7 | 102 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 53.541 | -7.1 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 54.380 | -8.8 | 102 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 57.562 | -15.1 | 102 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 286.938 | -14.8 | 100 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 55.007 | -10.0 | 104 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 237.968 | 4.8 | 88 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 55.220 | -10.4 | 103 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 54.961 | -9.9 | 99 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.037 | -6.1 | 103 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 249.508 | 0.2 | 86 | 0.00 |
| 30 | C | Chloroform | 50.000 | 54.477 | -9.0# | 106 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 54.624 | -9.2 | 105 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 55.921 | -11.8 | 107 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 52.242 | -4.5 | 96 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 93 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 45.200 | 9.6 | 88 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 55.095 | -10.2 | 104 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 45.764 | 8.5 | 90 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 54.441 | -8.9 | 106 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 59.161 | -18.3 | 106 | 0.00 |
| 40 | TM | Benzene | 50.000 | 54.149 | -8.3 | 104 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 53.918 | -7.8 | 96 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 55.741 | -11.5 | 110 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.234 | -2.5 | 116 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 53.428 | -6.9 | 107 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 53.811 | -7.6# | 102 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.034 | -4.1 | 103 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 54.097 | -8.2 | 105 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 55.865 | -11.7 | 100 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 02 01:53:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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 | 956.603 | 4.3 | 85 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.772 | 2.5 | 91 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 266.820 | -6.7 | 96 | 0.00 |
| 52 | CM | Toluene | 50.000 | 57.707 | -15.4# | 104 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 57.675 | -15.3 | 104 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.098 | -12.2 | 102 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 53.635 | -7.3 | 103 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 52.621 | -5.2 | 99 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 54.845 | -9.7 | 103 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 333.135 | -33.3# | 126 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 270.110 | -8.0 | 95 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 51.466 | -2.9 | 97 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.103 | -6.2 | 98 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 55.444 | -10.9 | 100 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 57.854 | -15.7 | 121 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 51.296 | -2.6 | 106 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 50.216 | -0.4 | 102 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 56.840 | -13.7# | 106 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 115.299 | -15.3 | 107 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 60.040 | -20.1 | 108 | 0.00 |
| 70 | T | Styrene | 50.000 | 60.789 | -21.6 | 110 | 0.00 |
| 71 | P | Bromoform | 50.000 | 46.756 | 6.5 | 94 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 112 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.946 | -1.9 | 108 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 50.064 | -0.1 | 105 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 38.124 | 23.8 | 94 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.457 | 7.1 | 101 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 45.491 | 9.0 | 107 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 53.075 | -6.2 | 110 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.146 | -2.3 | 112 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.036 | -8.1 | 112 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 41.715 | 16.6 | 95 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.618 | -3.2 | 113 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 51.569 | -3.1 | 112 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 55.573 | -11.1 | 115 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.996 | -10.0 | 113 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 57.226 | -14.5 | 115 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.031 | -0.1 | 114 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 48.230 | 3.5 | 117 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 59.822 | -19.6 | 122 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 40.211 | 19.6 | 97 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.606 | 0.8 | 118 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 48.149 | 3.7 | 112 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 51.479 | -3.0 | 116 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 46.523 | 7.0 | 117 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 53.925 | -7.8 | 115 | 0.00 |

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**LabSampleId :**
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
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 | 51.378 | -2.8 | 113 | 0.00 |

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