# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV039007.D
Acq On : 22 Aug 2025 01:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC050

Quant Time: Aug 22 06:14:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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 | 134 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 36.785 | 26.4# | 102 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 29.642 | 40.7# | 80 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 34.228 | 31.5# | 91 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 30.016 | 40.0# | 79 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 42.102 | 15.8 | 114 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 44.037 | 11.9 | 121 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 48.127 | 3.7 | 139 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 43.668 | 12.7 | 130 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 39.318 | 21.4# | 104 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 295.971 | -18.4 | 161 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 46.947 | 6.1# | 134 | 0.00 |
| 13 | T | Acrolein | 250.000 | 225.054 | 10.0 | 130 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 46.755 | 6.5 | 134 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 242.488 | 3.0 | 137 | 0.00 |
| 16 | T | Acetone | 250.000 | 200.999 | 19.6 | 122 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 45.849 | 8.3 | 132 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 49.661 | 0.7 | 142 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 53.701 | -7.4 | 141 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 44.019 | 12.0 | 133 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.063 | 3.9 | 133 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 44.707 | 10.6 | 138 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 238.304 | 4.7 | 139 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 42.423 | 15.2 | 134 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 234.484 | 6.2 | 139 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 33.297 | 33.4# | 102 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 46.647 | 6.7 | 140 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 46.608 | 6.8 | 131 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 229.085 | 8.4 | 144 | 0.00 |
| 30 | C | Chloroform | 50.000 | 42.260 | 15.5# | 131 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 43.516 | 13.0 | 142 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 42.393 | 15.2 | 130 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 44.375 | 11.3 | 130 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 143 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 43.823 | 12.4 | 136 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 44.694 | 10.6 | 137 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 44.576 | 10.8 | 155 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 42.004 | 16.0 | 127 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 48.738 | 2.5 | 137 | 0.00 |
| 40 | TM | Benzene | 50.000 | 46.498 | 7.0 | 141 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 55.236 | -10.5 | 153 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 42.317 | 15.4 | 131 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 48.381 | 3.2 | 150 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 46.459 | 7.1 | 140 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 43.851 | 12.3# | 139 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 42.674 | 14.7 | 134 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 42.062 | 15.9 | 128 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 51.309 | -2.6 | 146 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**LabSampleId :**
VSTDCCC050

Quant Time: Aug 22 06:14:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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 | 1126.074 | -12.6 | 163 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 45.381 | 9.2 | 126 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 233.720 | 6.5 | 126 | 0.00 |
| 52 | CM | Toluene | 50.000 | 59.186 | -18.4# | 152 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 46.109 | 7.8 | 110 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 46.406 | 7.2 | 128 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 42.208 | 15.6 | 109 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 44.339 | 11.3 | 121 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 44.107 | 11.8 | 109 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 226.517 | 9.4 | 129 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 183.281 | 26.7# | 103 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 43.122 | 13.8 | 112 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 44.645 | 10.7 | 112 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 48.801 | 2.4 | 119 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 118 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 48.119 | 3.8 | 116 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 45.747 | 8.5 | 112 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 46.311 | 7.4 | 113 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.215 | -4.4# | 116 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 106.102 | -6.1 | 114 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 55.762 | -11.5 | 120 | 0.00 |
| 70 | T | Styrene | 50.000 | 59.885 | -19.8 | 122 | 0.00 |
| 71 | P | Bromoform | 50.000 | 48.277 | 3.4 | 116 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 54.250 | -8.5 | 114 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 53.635 | -7.3 | 110 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 42.315 | 15.4 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 46.338 | 7.3 | 105 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.626 | -3.3 | 115 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.283 | -4.6 | 107 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.228 | -4.5 | 110 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.449 | -8.9 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 46.762 | 6.5 | 97 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.391 | -6.8 | 108 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 55.581 | -11.2 | 114 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 57.382 | -14.8 | 112 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.189 | -6.4 | 108 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.377 | -6.8 | 107 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.920 | 2.2 | 106 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 46.407 | 7.2 | 105 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.800 | 0.4 | 102 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 42.613 | 14.8 | 101 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.550 | 0.9 | 110 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.843 | 0.3 | 114 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 56.744 | -13.5 | 117 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 47.689 | 4.6 | 111 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 103.596 | -107.2# | 197 | 0.00 |

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**LabSampleId :**
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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 | 56.511 | -13.0 | 116 | 0.00 |

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