# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 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 | 73 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 54.179 | -8.4 | 81 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 52.440 | -4.9 | 82 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 54.118 | -8.2# | 81 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 53.524 | -7.0 | 80 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 53.155 | -6.3 | 79 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 48.700 | 2.6 | 67 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 53.563 | -7.1 | 81 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 54.860 | -9.7 | 81 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 51.191 | -2.4 | 76 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 228.969 | 8.4 | 70 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 54.627 | -9.3# | 80 | 0.00 |
| 13 | T | Acrolein | 250.000 | 166.697 | 33.3# | 51 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 53.394 | -6.8 | 78 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 274.149 | -9.7 | 80 | -0.01 |
| 16 | T | Acetone | 250.000 | 280.822 | -12.3 | 85 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 53.740 | -7.5 | 78 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 56.932 | -13.9 | 86 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.570 | -5.1 | 77 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 53.512 | -7.0 | 85 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 55.142 | -10.3 | 82 | -0.01 |
| 22 | T | Diisopropyl ether | 50.000 | 55.097 | -10.2 | 81 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 272.461 | -9.0 | 79 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 55.964 | -11.9 | 82 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 266.965 | -6.8 | 79 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 51.342 | -2.7 | 78 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 54.498 | -9.0 | 80 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 55.153 | -10.3 | 88 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 275.605 | -10.2 | 80 | 0.00 |
| 30 | C | Chloroform | 50.000 | 57.169 | -14.3# | 85 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.513 | -1.0 | 77 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.262 | -6.5 | 77 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 54.306 | -8.6 | 85 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 76 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 52.429 | -4.9 | 83 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 55.124 | -10.2 | 81 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 55.532 | -11.1 | 82 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 54.678 | -9.4 | 81 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.464 | -4.9 | 76 | 0.00 |
| 40 | TM | Benzene | 50.000 | 54.391 | -8.8 | 82 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 56.903 | -13.8 | 83 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 56.528 | -13.1 | 85 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.436 | -6.9 | 78 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 51.903 | -3.8 | 78 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 56.375 | -12.8# | 85 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 56.074 | -12.1 | 83 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 56.626 | -13.3 | 84 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 51.805 | -3.6 | 72 | 0.00 |

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Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 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 | 1128.950 | -12.9 | 81 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 53.127 | -6.3 | 82 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 280.662 | -12.3 | 81 | 0.00 |
| 52 | CM | Toluene | 50.000 | 55.318 | -10.6# | 82 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 53.826 | -7.7 | 79 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.817 | -7.6 | 79 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 55.515 | -11.0 | 82 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.007 | -6.0 | 76 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 55.570 | -11.1 | 82 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 292.727 | -17.1 | 91 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 273.719 | -9.5 | 80 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 54.646 | -9.3 | 82 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.662 | -7.3 | 80 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 52.898 | -5.8 | 84 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 79 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 54.797 | -9.6 | 85 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 53.161 | -6.3 | 79 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 54.649 | -9.3 | 85 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.638 | -5.3# | 79 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 110.506 | -10.5 | 83 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.202 | -8.4 | 84 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.734 | -9.5 | 82 | 0.00 |
| 71 | P | Bromoform | 50.000 | 53.540 | -7.1 | 82 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 81 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 53.648 | -7.3 | 81 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 52.674 | -5.3 | 78 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 54.793 | -9.6 | 84 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 49.561 | 0.9 | 82 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 52.298 | -4.6 | 79 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 55.141 | -10.3 | 83 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 54.784 | -9.6 | 85 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.675 | -9.3 | 83 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 53.221 | -6.4 | 79 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 54.354 | -8.7 | 84 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 51.641 | -3.3 | 77 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.400 | -6.8 | 81 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.198 | -6.4 | 81 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.425 | -4.8 | 81 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 55.301 | -10.6 | 86 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 53.234 | -6.5 | 83 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 53.857 | -7.7 | 82 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 52.581 | -5.2 | 80 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 54.925 | -9.8 | 88 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 51.378 | -2.8 | 79 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.341 | -4.7 | 80 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 51.675 | -3.3 | 80 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 50.270 | -0.5 | 76 | 0.00 |

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**LabSampleId :**
VSTDCCC050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 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 | 52.227 | -4.5 | 83 | 0.00 |

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