Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032509.D
Acq On : 19 Nov 2025 17:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 20 01:21:50 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 | 72 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 50.367 | -0.7 | 74 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 51.934 | -3.9 | 79 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.220 | 1.6# | 72 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 50.456 | -0.9 | 74 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 51.105 | -2.2 | 74 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 47.150 | 5.7 | 63 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 52.652 | -5.3 | 78 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 50.285 | -0.6 | 72 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.777 | -1.6 | 74 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 229.681 | 8.1 | 68 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.247 | -0.5# | 72 | 0.00 |
| 13 | T | Acrolein | 250.000 | 142.892 | 42.8# | 43 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.380 | 1.2 | 70 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 266.791 | -6.7 | 77 | 0.00 |
| 16 | T | Acetone | 250.000 | 233.237 | 6.7 | 69 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 48.451 | 3.1 | 69 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 69.904 | -39.8# | 103 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 50.163 | -0.3 | 72 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 52.080 | -4.2 | 81 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 52.379 | -4.8 | 77 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 53.786 | -7.6 | 78 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 245.198 | 1.9 | 69 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 54.601 | -9.2 | 79 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 251.945 | -0.8 | 73 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 45.306 | 9.4 | 67 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 53.620 | -7.2 | 77 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 55.239 | -10.5 | 86 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 269.979 | -8.0 | 77 | 0.00 |
| 30 | C | Chloroform | 50.000 | 56.196 | -12.4# | 82 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 47.950 | 4.1 | 71 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 52.173 | -4.3 | 74 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.383 | -2.8 | 79 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 74 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.876 | -3.8 | 80 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 53.692 | -7.4 | 77 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.952 | -3.9 | 75 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 52.922 | -5.8 | 77 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 49.892 | 0.2 | 71 | 0.00 |
| 40 | TM | Benzene | 50.000 | 54.146 | -8.3 | 79 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.459 | -2.9 | 73 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 56.391 | -12.8 | 83 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.655 | -3.3 | 74 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 52.421 | -4.8 | 77 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 55.491 | -11.0# | 82 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 54.393 | -8.8 | 79 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 54.840 | -9.7 | 79 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 51.728 | -3.5 | 70 | 0.00 |

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 20 01:21:50 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 | 1079.135 | -7.9 | 75 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 51.838 | -3.7 | 78 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 274.388 | -9.8 | 78 | 0.00 |
| 52 | CM | Toluene | 50.000 | 54.085 | -8.2# | 79 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 51.736 | -3.5 | 74 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 52.506 | -5.0 | 75 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.410 | -8.8 | 78 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 53.626 | -7.3 | 75 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 54.638 | -9.3 | 78 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 284.322 | -13.7 | 86 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 262.079 | -4.8 | 75 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 53.465 | -6.9 | 78 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 53.604 | -7.2 | 78 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 51.003 | -2.0 | 79 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 77 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 57.843 | -15.7 | 88 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 53.700 | -7.4 | 79 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 54.216 | -8.4 | 82 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.257 | -4.5# | 77 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 106.751 | -6.8 | 79 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.841 | -5.7 | 80 | 0.00 |
| 70 | T | Styrene | 50.000 | 54.669 | -9.3 | 81 | 0.00 |
| 71 | P | Bromoform | 50.000 | 49.010 | 2.0 | 74 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.254 | -0.5 | 77 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 48.529 | 2.9 | 73 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 52.103 | -4.2 | 81 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 47.464 | 5.1 | 80 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.352 | 1.3 | 75 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 51.872 | -3.7 | 80 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.142 | -2.3 | 80 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 50.985 | -2.0 | 79 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 48.072 | 3.9 | 73 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.744 | -1.5 | 79 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 49.084 | 1.8 | 74 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.932 | -3.9 | 81 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 49.081 | 1.8 | 76 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 49.745 | 0.5 | 78 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.704 | -3.4 | 82 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.643 | 0.7 | 78 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.213 | 1.6 | 76 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 49.753 | 0.5 | 77 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.820 | -1.6 | 82 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 48.504 | 3.0 | 76 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 47.325 | 5.3 | 73 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 42.475 | 15.0 | 67 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 48.160 | 3.7 | 74 | 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 | 48.713 | 2.6 | 78 | 0.00 |

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