Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
Data File : VT019219.D
Acq On : 31 Oct 2025 10:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_T
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 01 05:17:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 91 | 0.06 |
| 2 | T | Dichlorodifluoromethane | 0.294 | 0.303 | -3.1 | 98 | 0.02 |
| 3 | P | Chloromethane | 0.454 | 0.409 | 9.9 | 89 | 0.06 |
| 4 | C | Vinyl Chloride | 0.580 | 0.551 | 5.0# | 87 | 0.03 |
| 5 | T | Bromomethane | 0.313 | 0.380 | -21.4# | 110 | 0.04 |
| 6 | T | Chloroethane | 0.527 | 0.452 | 14.2 | 82 | 0.04 |
| 7 | T | Trichlorofluoromethane | 1.075 | 1.034 | 3.8 | 90 | 0.05 |
| 8 | T | Diethyl Ether | 0.515 | 0.486 | 5.6 | 87 | 0.05 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.521 | 0.569 | -9.2 | 105 | 0.06 |
| 10 | T | Methyl Iodide | 0.422 | 0.420 | 0.5 | 86 | 0.06 |
| 11 | T | Tert butyl alcohol | 0.171 | 0.178 | -4.1 | 100 | 0.08 |
| 12 | CM | 1,1-Dichloroethene | 0.482 | 0.516 | -7.1# | 103 | 0.06 |
| 13 | T | Acrolein | 0.029 | 0.026 | 10.3 | 89 | 0.05 |
| 14 | T | Allyl chloride | 0.950 | 0.912 | 4.0 | 93 | 0.07 |
| 15 | T | Acrylonitrile | 0.417 | 0.421 | -1.0 | 98 | 0.08 |
| 16 | T | Acetone | 0.548 | 0.509 | 7.1 | 100 | 0.05 |
| 17 | T | Carbon Disulfide | 0.655 | 0.589 | 10.1 | 87 | 0.06 |
| 18 | T | Methyl Acetate | 1.415 | 1.514 | -7.0 | 99 | 0.06 |
| 19 | T | Methyl tert-butyl Ether | 2.176 | 2.136 | 1.8 | 92 | 0.08 |
| 20 | T | Methylene Chloride | 0.538 | 0.500 | 7.1 | 93 | 0.08 |
| 21 | T | trans-1,2-Dichloroethene | 0.410 | 0.396 | 3.4 | 91 | 0.08 |
| 22 | T | Diisopropyl ether | 2.256 | 2.197 | 2.6 | 92 | 0.08 |
| 23 | T | Vinyl Acetate | 1.612 | 1.570 | 2.6 | 92 | 0.08 |
| 24 | P | 1,1-Dichloroethane | 1.055 | 1.034 | 2.0 | 93 | 0.08 |
| 25 | T | 2-Butanone | 0.615 | 0.592 | 3.7 | 97 | 0.07 |
| 26 | T | 2,2-Dichloropropane | 0.911 | 0.898 | 1.4 | 92 | 0.08 |
| 27 | T | cis-1,2-Dichloroethene | 0.576 | 0.566 | 1.7 | 91 | 0.08 |
| 28 | T | Bromochloromethane | 0.564 | 0.557 | 1.2 | 90 | 0.07 |
| 29 | T | Tetrahydrofuran | 0.358 | 0.355 | 0.8 | 95 | 0.07 |
| 30 | C | Chloroform | 0.988 | 0.949 | 3.9# | 90 | 0.07 |
| 31 | T | Cyclohexane | 0.785 | 0.683 | 13.0 | 88 | 0.06 |
| 32 | T | 1,1,1-Trichloroethane | 0.786 | 0.757 | 3.7 | 91 | 0.06 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.804 | 0.745 | 7.3 | 89 | 0.07 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 91 | 0.06 |
| 35 | S | Dibromofluoromethane | 0.316 | 0.313 | 0.9 | 93 | 0.06 |
| 36 | T | 1,1-Dichloropropene | 0.356 | 0.338 | 5.1 | 89 | 0.06 |
| 37 | T | Ethyl Acetate | 0.606 | 0.613 | -1.2 | 97 | 0.08 |
| 38 | T | Carbon Tetrachloride | 0.323 | 0.326 | -0.9 | 92 | 0.07 |
| 39 | T | Methylcyclohexane | 0.393 | 0.373 | 5.1 | 88 | 0.06 |
| 40 | TM | Benzene | 1.204 | 1.165 | 3.2 | 91 | 0.06 |
| 41 | T | Methacrylonitrile | 0.305 | 0.302 | 1.0 | 105 | 0.07 |
| 42 | TM | 1,2-Dichloroethane | 0.423 | 0.409 | 3.3 | 89 | 0.06 |
| 43 | T | Isopropyl Acetate | 0.963 | 0.948 | 1.6 | 93 | 0.06 |
| 44 | TM | Trichloroethene | 0.235 | 0.227 | 3.4 | 89 | 0.06 |
| 45 | C | 1,2-Dichloropropane | 0.306 | 0.298 | 2.6# | 91 | 0.06 |
| 46 | T | Dibromomethane | 0.184 | 0.184 | 0.0 | 91 | 0.06 |
| 47 | T | Bromodichloromethane | 0.416 | 0.411 | 1.2 | 91 | 0.06 |
| 48 | T | Methyl methacrylate | 0.432 | 0.429 | 0.7 | 93 | 0.05 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_T
**LabSampleId :**
VSTDCCC050

Quant Time: Nov 01 05:17:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.008 | 0.008 | 0.0 | 99 | 0.06 |
| 50 | S | Toluene-d8 | 1.284 | 1.213 | 5.5 | 89 | 0.05 |
| 51 | T | 4-Methyl-2-Pentanone | 0.580 | 0.584 | -0.7 | 95 | 0.05 |
| 52 | CM | Toluene | 0.688 | 0.671 | 2.5# | 91 | 0.06 |
| 53 | T | t-1,3-Dichloropropene | 0.450 | 0.454 | -0.9 | 93 | 0.05 |
| 54 | T | cis-1,3-Dichloropropene | 0.466 | 0.467 | -0.2 | 92 | 0.06 |
| 55 | T | 1,1,2-Trichloroethane | 0.271 | 0.274 | -1.1 | 93 | 0.05 |
| 56 | T | Ethyl methacrylate | 0.521 | 0.532 | -2.1 | 96 | 0.05 |
| 57 | T | 1,3-Dichloropropane | 0.482 | 0.471 | 2.3 | 91 | 0.05 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.140 | 0.138 | 1.4 | 95 | 0.06 |
| 59 | T | 2-Hexanone | 0.439 | 0.430 | 2.1 | 95 | 0.05 |
| 60 | T | Dibromochloromethane | 0.274 | 0.281 | -2.6 | 94 | 0.05 |
| 61 | T | 1,2-Dibromoethane | 0.253 | 0.252 | 0.4 | 94 | 0.06 |
| 62 | S | 4-Bromofluorobenzene | 0.404 | 0.389 | 3.7 | 94 | 0.05 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 93 | 0.05 |
| 64 | T | Tetrachloroethene | 0.227 | 0.216 | 4.8 | 89 | 0.06 |
| 65 | PM | Chlorobenzene | 0.897 | 0.881 | 1.8 | 93 | 0.05 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.307 | 0.306 | 0.3 | 94 | 0.06 |
| 67 | C | Ethyl Benzene | 1.678 | 1.629 | 2.9# | 93 | 0.05 |
| 68 | T | m/p-Xylenes | 0.620 | 0.603 | 2.7 | 93 | 0.05 |
| 69 | T | o-Xylene | 0.616 | 0.609 | 1.1 | 94 | 0.05 |
| 70 | T | Styrene | 1.109 | 1.093 | 1.4 | 93 | 0.05 |
| 71 | P | Bromoform | 0.235 | 0.251 | -6.8 | 96 | 0.06 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 94 | 0.06 |
| 73 | T | Isopropylbenzene | 3.442 | 3.300 | 4.1 | 93 | 0.05 |
| 74 | T | N-amyl acetate | 1.736 | 1.714 | 1.3 | 95 | 0.05 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 1.179 | 1.155 | 2.0 | 96 | 0.05 |
| 76 | T | 1,2,3-Trichloropropane | 1.029 | 0.975 | 5.2 | 88 | 0.05 |
| 77 | T | Bromobenzene | 0.730 | 0.702 | 3.8 | 93 | 0.06 |
| 78 | T | n-propylbenzene | 4.089 | 3.918 | 4.2 | 92 | 0.06 |
| 79 | T | 2-Chlorotoluene | 2.343 | 2.255 | 3.8 | 93 | 0.05 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.765 | 2.702 | 2.3 | 94 | 0.05 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.439 | 0.455 | -3.6 | 95 | 0.06 |
| 82 | T | 4-Chlorotoluene | 2.384 | 2.329 | 2.3 | 94 | 0.05 |
| 83 | T | tert-Butylbenzene | 2.559 | 2.532 | 1.1 | 95 | 0.06 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.808 | 2.700 | 3.8 | 93 | 0.05 |
| 85 | T | sec-Butylbenzene | 3.753 | 3.665 | 2.3 | 93 | 0.06 |
| 86 | T | p-Isopropyltoluene | 3.134 | 3.014 | 3.8 | 93 | 0.05 |
| 87 | T | 1,3-Dichlorobenzene | 1.498 | 1.421 | 5.1 | 93 | 0.06 |
| 88 | T | 1,4-Dichlorobenzene | 1.509 | 1.448 | 4.0 | 94 | 0.06 |
| 89 | T | n-Butylbenzene | 2.895 | 2.957 | -2.1 | 95 | 0.05 |
| 90 | T | Hexachloroethane | 0.483 | 0.499 | -3.3 | 97 | 0.06 |
| 91 | T | 1,2-Dichlorobenzene | 1.468 | 1.425 | 2.9 | 94 | 0.05 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.254 | 0.259 | -2.0 | 98 | 0.06 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.944 | 0.947 | -0.3 | 95 | 0.07 |
| 94 | T | Hexachlorobutadiene | 0.389 | 0.388 | 0.3 | 97 | 0.06 |
| 95 | T | Naphthalene | 3.306 | 3.400 | -2.8 | 100 | 0.07 |

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ALS Vial : 2 Sample Multiplier: 1

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**LabSampleId :**
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Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.931 | 0.941 | -1.1 | 97 | 0.07 |

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