

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121525\  
 Data File : VX048866.D  
 Acq On : 15 Dec 2025 08:54  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Dec 16 00:10:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 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    | 88    | -0.01    |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 60.084  | -20.2  | 94    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 53.398  | -6.8   | 93    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 49.909  | 0.2#   | 85    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 53.850  | -7.7   | 86    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 50.950  | -1.9   | 89    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 50.329  | -0.7   | 84    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 48.271  | 3.5    | 87    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 48.905  | 2.2    | 82    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 51.955  | -3.9   | 85    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 82.002  | 67.2#  | 27    | -0.01    |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 48.376  | 3.2#   | 82    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 132.417 | 47.0#  | 47    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 54.295  | -8.6   | 86    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 168.833 | 32.5#  | 54    | -0.01    |
| 16 T  | Acetone                     | 250.000 | 106.230 | 57.5#  | 39    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 47.865  | 4.3    | 80    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 34.665  | 30.7#  | 57    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 47.714  | 4.6    | 79    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 55.225  | -10.5  | 96    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 52.482  | -5.0   | 87    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 61.131  | -22.3  | 125   | -0.01    |
| 23 T  | Vinyl Acetate               | 250.000 | 254.838 | -1.9   | 99    | -0.01    |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 58.228  | -16.5  | 114   | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 128.070 | 48.8#  | 50    | -0.01    |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 55.022  | -10.0  | 104   | -0.02    |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 56.300  | -12.6  | 105   | -0.02    |
| 28 T  | Bromochloromethane          | 50.000  | 57.410  | -14.8  | 120   | -0.01    |
| 29 T  | Tetrahydrofuran             | 250.000 | 127.580 | 49.0#  | 52    | -0.01    |
| 30 C  | Chloroform                  | 50.000  | 55.817  | -11.6# | 109   | -0.01    |
| 31 T  | Cyclohexane                 | 50.000  | 45.957  | 8.1    | 92    | -0.02    |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 51.690  | -3.4   | 97    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 51.102  | -2.2   | 104   | -0.01    |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 93    | -0.01    |
| 35 S  | Dibromofluoromethane        | 50.000  | 53.459  | -6.9   | 102   | -0.01    |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 47.208  | 5.6    | 94    | -0.02    |
| 37 T  | Ethyl Acetate               | 50.000  | 31.725  | 36.5#  | 61    | -0.01    |
| 38 T  | Carbon Tetrachloride        | 50.000  | 49.210  | 1.6    | 92    | -0.01    |
| 39 T  | Methylcyclohexane           | 50.000  | 43.144  | 13.7   | 69    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 52.969  | -5.9   | 104   | -0.01    |
| 41 T  | Methacrylonitrile           | 50.000  | 39.561  | 20.9   | 77    | -0.01    |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 52.445  | -4.9   | 106   | -0.02    |
| 43 T  | Isopropyl Acetate           | 50.000  | 33.719  | 32.6#  | 70    | -0.02    |
| 44 TM | Trichloroethene             | 50.000  | 50.270  | -0.5   | 93    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 54.150  | -8.3#  | 91    | -0.01    |
| 46 T  | Dibromomethane              | 50.000  | 48.821  | 2.4    | 83    | -0.01    |
| 47 T  | Bromodichloromethane        | 50.000  | 53.513  | -7.0   | 93    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 34.828  | 30.3#  | 59    | -0.01    |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Dec 16 00:10:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 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 | 437.402 | 56.3# | 38    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 50.547  | -1.1  | 86    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 146.572 | 41.4# | 47    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 53.294  | -6.6# | 86    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 52.885  | -5.8  | 86    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 55.077  | -10.2 | 89    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 49.219  | 1.6   | 82    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 41.508  | 17.0  | 65    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 50.560  | -1.1  | 84    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 227.558 | 9.0   | 70    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 129.228 | 48.3# | 40    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 50.139  | -0.3  | 83    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 45.417  | 9.2   | 75    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 51.069  | -2.1  | 86    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 86    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 44.619  | 10.8  | 79    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 50.359  | -0.7  | 87    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 51.839  | -3.7  | 92    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 51.443  | -2.9# | 83    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 101.221 | -1.2  | 84    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 52.027  | -4.1  | 86    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 53.219  | -6.4  | 87    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 39.779  | 20.4  | 73    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 83    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 52.859  | -5.7  | 82    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 39.866  | 20.3  | 56    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 36.990  | 26.0# | 59    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 43.454  | 13.1  | 70    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 51.542  | -3.1  | 87    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 53.448  | -6.9  | 81    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 53.474  | -6.9  | 84    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 52.608  | -5.2  | 82    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 35.868  | 28.3# | 56    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 53.890  | -7.8  | 84    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 50.063  | -0.1  | 79    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 52.992  | -6.0  | 83    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 50.154  | -0.3  | 77    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 50.101  | -0.2  | 78    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 51.044  | -2.1  | 86    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 49.861  | 0.3   | 86    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 48.811  | 2.4   | 77    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 48.527  | 2.9   | 83    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 50.466  | -0.9  | 85    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 25.642  | 48.7# | 44    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 46.035  | 7.9   | 82    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 44.593  | 10.8  | 83    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 39.703  | 20.6  | 61    | 0.00     |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Dec 16 00:10:46 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
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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 | 43.276 | 13.4 | 76    | 0.00     |

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