

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112125\  
 Data File : VX048641.D  
 Acq On : 21 Nov 2025 09:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 21 22:06:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 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   | 92    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 51.951  | -3.9  | 91    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 42.012  | 16.0  | 70    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 47.917  | 4.2#  | 90    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 45.807  | 8.4   | 76    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 42.522  | 15.0  | 82    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 46.973  | 6.1   | 94    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 42.893  | 14.2  | 78    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 53.096  | -6.2  | 106   | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 47.580  | 4.8   | 88    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 260.995 | -4.4  | 92    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 46.195  | 7.6#  | 91    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 228.368 | 8.7   | 80    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 46.755  | 6.5   | 89    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 259.200 | -3.7  | 91    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 209.099 | 16.4  | 77    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 41.238  | 17.5  | 84    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 48.833  | 2.3   | 94    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 51.162  | -2.3  | 91    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 47.698  | 4.6   | 91    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 47.430  | 5.1   | 90    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 51.808  | -3.6  | 96    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 254.149 | -1.7  | 93    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 48.373  | 3.3   | 92    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 226.114 | 9.6   | 80    | -0.01    |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 49.812  | 0.4   | 101   | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 44.648  | 10.7  | 86    | -0.01    |
| 28 T  | Bromochloromethane          | 50.000  | 47.044  | 5.9   | 89    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 226.760 | 9.3   | 83    | -0.01    |
| 30 C  | Chloroform                  | 50.000  | 48.634  | 2.7#  | 94    | -0.01    |
| 31 T  | Cyclohexane                 | 50.000  | 46.021  | 8.0   | 91    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 49.870  | 0.3   | 97    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 50.842  | -1.7  | 95    | -0.02    |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 85    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 49.087  | 1.8   | 90    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 45.666  | 8.7   | 93    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 42.689  | 14.6  | 78    | -0.01    |
| 38 T  | Carbon Tetrachloride        | 50.000  | 48.727  | 2.5   | 99    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 49.257  | 1.5   | 94    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 45.005  | 10.0  | 86    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 49.730  | 0.5   | 90    | -0.01    |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 50.263  | -0.5  | 96    | -0.01    |
| 43 T  | Isopropyl Acetate           | 50.000  | 47.734  | 4.5   | 88    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 48.616  | 2.8   | 88    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 50.206  | -0.4# | 86    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 52.719  | -5.4  | 89    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 55.358  | -10.7 | 92    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 53.254  | -6.5  | 88    | 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: Nov 21 22:06:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 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 | 1169.221 | -16.9 | 92    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 52.464   | -4.9  | 88    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 276.759  | -10.7 | 87    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 54.292   | -8.6# | 88    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 54.490   | -9.0  | 88    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 54.755   | -9.5  | 87    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 56.379   | -12.8 | 88    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 56.443   | -12.9 | 86    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 54.057   | -8.1  | 86    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 283.789  | -13.5 | 81    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 272.098  | -8.8  | 85    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 57.087   | -14.2 | 91    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 54.883   | -9.8  | 88    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 53.445   | -6.9  | 91    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0   | 87    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 47.209   | 5.6   | 91    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 47.693   | 4.6   | 89    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 52.052   | -4.1  | 92    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 48.397   | 3.2#  | 89    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 98.689   | 1.3   | 89    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 49.274   | 1.5   | 89    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 50.411   | -0.8  | 89    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 49.860   | 0.3   | 91    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0   | 91    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 49.401   | 1.2   | 95    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 46.610   | 6.8   | 87    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 46.842   | 6.3   | 89    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 47.785   | 4.4   | 72    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 47.264   | 5.5   | 89    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 49.291   | 1.4   | 96    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.330   | 3.3   | 94    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 49.247   | 1.5   | 95    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 48.888   | 2.2   | 87    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 48.549   | 2.9   | 94    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 49.127   | 1.7   | 93    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 49.177   | 1.6   | 93    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 49.947   | 0.1   | 99    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 50.096   | -0.2  | 98    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 46.714   | 6.6   | 91    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 46.200   | 7.6   | 91    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 49.895   | 0.2   | 100   | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 49.205   | 1.6   | 99    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 47.391   | 5.2   | 90    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 47.628   | 4.7   | 87    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 46.431   | 7.1   | 89    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 50.662   | -1.3  | 107   | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 52.649   | -5.3  | 94    | 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: Nov 21 22:06:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 08 05:08:11 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 | 48.674 | 2.7  | 91    | 0.00     |

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