

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111325\  
 Data File : VV039383.D  
 Acq On : 13 Nov 2025 15:26  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 14 05:46:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 14 05:42:56 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                    | Amount  | Calc.   | %Dev   | Area% | Dev(min) |
|-------|-----------------------------|---------|---------|--------|-------|----------|
| 1 I   | Pentafluorobenzene          | 50.000  | 50.000  | 0.0    | 96    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 37.810  | 24.4#  | 87    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 38.364  | 23.3#  | 88    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 39.090  | 21.8#  | 87    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 41.352  | 17.3   | 90    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 41.859  | 16.3   | 93    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 40.128  | 19.7   | 89    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 43.330  | 13.3   | 95    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 40.422  | 19.2   | 90    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 53.097  | -6.2   | 102   | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 335.110 | -34.0# | 133   | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 39.860  | 20.3#  | 90    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 305.721 | -22.3# | 119   | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 46.110  | 7.8    | 98    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 262.277 | -4.9   | 107   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 287.491 | -15.0  | 111   | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 42.528  | 14.9   | 82    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 60.545  | -21.1# | 110   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 51.249  | -2.5   | 100   | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 49.053  | 1.9    | 93    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 42.999  | 14.0   | 91    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 51.975  | -4.0   | 98    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 250.962 | -0.4   | 99    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 44.126  | 11.7   | 95    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 270.853 | -8.3   | 113   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 48.012  | 4.0    | 100   | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 46.020  | 8.0    | 95    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 52.580  | -5.2   | 104   | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 279.935 | -12.0  | 110   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 44.768  | 10.5#  | 96    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 39.338  | 21.3#  | 87    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 44.929  | 10.1   | 96    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 46.500  | 7.0    | 98    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 100   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 47.428  | 5.1    | 98    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 46.405  | 7.2    | 93    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 42.649  | 14.7   | 98    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 43.349  | 13.3   | 92    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 43.636  | 12.7   | 89    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 45.554  | 8.9    | 95    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 62.011  | -24.0# | 111   | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 46.423  | 7.2    | 97    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 52.951  | -5.9   | 109   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 43.858  | 12.3   | 92    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 50.136  | -0.3#  | 96    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 44.696  | 10.6   | 97    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 46.246  | 7.5    | 97    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 53.850  | -7.7   | 104   | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 14 05:46:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 14 05:42:56 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                    | Amount   | Calc.   | %Dev    | Area% | Dev(min) |
|-------|-----------------------------|----------|---------|---------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 1000.000 | 988.986 | 1.1     | 113   | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 47.225  | 5.5     | 98    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 287.727 | -15.1   | 109   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 46.964  | 6.1#    | 94    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 50.359  | -0.7    | 97    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 50.406  | -0.8    | 98    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 46.880  | 6.2     | 100   | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 54.060  | -8.1    | 101   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 48.087  | 3.8     | 97    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 505.321 | -102.1# | 191   | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 304.271 | -21.7#  | 113   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 46.517  | 7.0     | 97    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 47.871  | 4.3     | 99    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 50.101  | -0.2    | 100   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0     | 100   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 42.504  | 15.0    | 91    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 45.388  | 9.2     | 95    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 46.053  | 7.9     | 98    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 49.072  | 1.9#    | 94    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 102.894 | -2.9    | 94    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 51.931  | -3.9    | 94    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 54.313  | -8.6    | 96    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 48.674  | 2.7     | 101   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0     | 101   | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 49.966  | 0.1     | 96    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 54.033  | -8.1    | 105   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 45.199  | 9.6     | 103   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 48.207  | 3.6     | 107   | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 45.349  | 9.3     | 96    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 51.006  | -2.0    | 96    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.573  | 2.9     | 96    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 51.697  | -3.4    | 97    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 53.886  | -7.8    | 106   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 51.079  | -2.2    | 96    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 49.827  | 0.3     | 98    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 53.113  | -6.2    | 97    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 51.541  | -3.1    | 98    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 52.084  | -4.2    | 99    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 46.663  | 6.7     | 97    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 44.260  | 11.5    | 97    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 53.369  | -6.7    | 101   | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 44.146  | 11.7    | 100   | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 46.019  | 8.0     | 97    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 48.270  | 3.5     | 113   | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 52.637  | -5.3    | 102   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 49.226  | 1.5     | 110   | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 58.311  | -16.6   | 104   | 0.00     |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
LabSampleId :  
VSTDCCC050

Quant Time: Nov 14 05:46:48 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V111125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 14 05:42:56 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               | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|------------------------|--------|--------|------|-------|----------|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 52.185 | -4.4 | 100   | 0.00     |

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