

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX080125\  
 Data File : VX047214.D  
 Acq On : 01 Aug 2025 18:07  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 02 00:30:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 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    | 82    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 45.697  | 8.6    | 65    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 39.863  | 20.3   | 61    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 46.335  | 7.3#   | 69    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 40.564  | 18.9   | 57    | 0.01     |
| 6 T   | Chloroethane                | 50.000  | 40.530  | 18.9   | 65    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 47.385  | 5.2    | 71    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 46.817  | 6.4    | 73    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 47.128  | 5.7    | 73    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 66.793  | -33.6# | 97    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 187.342 | 25.1#  | 62    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 45.611  | 8.8#   | 70    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 227.047 | 9.2    | 72    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 42.751  | 14.5   | 64    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 221.814 | 11.3   | 66    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 203.321 | 18.7   | 66    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 39.280  | 21.4   | 60    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 54.183  | -8.4   | 86    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 47.741  | 4.5    | 73    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 45.572  | 8.9    | 71    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 46.067  | 7.9    | 70    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 49.118  | 1.8    | 74    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 236.532 | 5.4    | 70    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 47.921  | 4.2    | 73    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 210.232 | 15.9   | 64    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 46.185  | 7.6    | 73    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 47.241  | 5.5    | 73    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 50.919  | -1.8   | 76    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 210.612 | 15.8   | 63    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 48.315  | 3.4#   | 76    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 43.523  | 13.0   | 68    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 47.529  | 4.9    | 74    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 46.238  | 7.5    | 82    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 83    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 48.963  | 2.1    | 85    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 45.565  | 8.9    | 73    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 43.101  | 13.8   | 68    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 46.905  | 6.2    | 74    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 44.475  | 11.0   | 70    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 46.753  | 6.5    | 72    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 43.583  | 12.8   | 63    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 48.063  | 3.9    | 75    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 46.447  | 7.1    | 69    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 45.395  | 9.2    | 70    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 47.677  | 4.6#   | 74    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 48.704  | 2.6    | 74    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 49.127  | 1.7    | 76    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 44.822  | 10.4   | 70    | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 02 00:30:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 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 | 757.045 | 24.3  | 57    | 0.07     |
| 50 S  | Toluene-d8                  | 50.000   | 45.058  | 9.9   | 81    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 224.432 | 10.2  | 68    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 47.333  | 5.3#  | 73    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 48.206  | 3.6   | 73    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 48.007  | 4.0   | 72    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 48.634  | 2.7   | 76    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 49.327  | 1.3   | 72    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 47.908  | 4.2   | 75    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 231.079 | 7.6   | 69    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 226.834 | 9.3   | 65    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 48.796  | 2.4   | 76    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 46.061  | 7.9   | 71    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 47.286  | 5.4   | 83    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 83    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 44.426  | 11.1  | 71    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 47.162  | 5.7   | 75    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 48.515  | 3.0   | 76    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 47.426  | 5.1#  | 73    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 94.348  | 5.7   | 73    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 47.706  | 4.6   | 74    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 48.691  | 2.6   | 74    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 45.816  | 8.4   | 70    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 83    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 48.590  | 2.8   | 74    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 45.343  | 9.3   | 67    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 47.086  | 5.8   | 73    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 45.985  | 8.0   | 71    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 48.538  | 2.9   | 75    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 48.804  | 2.4   | 75    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.447  | 3.1   | 75    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 48.722  | 2.6   | 75    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 28.760  | 42.5# | 44    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 48.707  | 2.6   | 75    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 49.550  | 0.9   | 75    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 49.220  | 1.6   | 74    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 48.797  | 2.4   | 75    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 49.305  | 1.4   | 75    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 47.665  | 4.7   | 75    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 47.312  | 5.4   | 76    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 49.502  | 1.0   | 76    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 48.987  | 2.0   | 75    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 47.872  | 4.3   | 75    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 46.303  | 7.4   | 70    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 48.212  | 3.6   | 74    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 51.391  | -2.8  | 81    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 47.985  | 4.0   | 71    | 0.00     |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Aug 02 00:30:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 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 | 47.754 | 4.5  | 74    | 0.00     |

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