

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071525\  
 Data File : VX047014.D  
 Acq On : 15 Jul 2025 19:34  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jul 16 02:34:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 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    | 81    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 40.556  | 18.9   | 65    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 41.886  | 16.2   | 70    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 44.746  | 10.5#  | 75    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 43.475  | 13.0   | 72    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 44.442  | 11.1   | 78    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 46.541  | 6.9    | 78    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 51.357  | -2.7   | 86    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 46.595  | 6.8    | 77    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 42.884  | 14.2   | 67    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 411.069 | -64.4# | 137   | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 46.294  | 7.4#   | 78    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 274.873 | -9.9   | 94    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 49.212  | 1.6    | 82    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 310.575 | -24.2  | 103   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 293.574 | -17.4  | 101   | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 34.056  | 31.9#  | 59    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 77.128  | -54.3# | 122   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 60.839  | -21.7  | 99    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 49.371  | 1.3    | 83    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 47.824  | 4.4    | 80    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 56.444  | -12.9  | 90    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 285.427 | -14.2  | 91    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 51.265  | -2.5   | 85    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 352.924 | -41.2# | 114   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 40.503  | 19.0   | 68    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 51.191  | -2.4   | 85    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 52.990  | -6.0   | 85    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 354.250 | -41.7# | 114   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 52.785  | -5.6#  | 89    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 47.988  | 4.0    | 80    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 52.401  | -4.8   | 87    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 51.367  | -2.7   | 85    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 87    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 46.032  | 7.9    | 80    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 46.153  | 7.7    | 84    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 58.863  | -17.7  | 111   | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 46.050  | 7.9    | 81    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 45.812  | 8.4    | 80    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 48.012  | 4.0    | 85    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 64.798  | -29.6# | 110   | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 51.584  | -3.2   | 92    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 65.331  | -30.7# | 110   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 46.844  | 6.3    | 85    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 50.841  | -1.7#  | 89    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 51.124  | -2.2   | 90    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 48.812  | 2.4    | 86    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 65.487  | -31.0# | 109   | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jul 16 02:34:55 2025  
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 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 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 | 1437.203 | -43.7# | 123   | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 45.890   | 8.2    | 80    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 343.968  | -37.6# | 115   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 49.509   | 1.0#   | 88    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 50.999   | -2.0   | 87    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 49.799   | 0.4    | 86    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 54.660   | -9.3   | 96    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 63.361   | -26.7# | 106   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 52.841   | -5.7   | 93    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 286.123  | -14.4  | 93    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 358.427  | -43.4# | 118   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 49.089   | 1.8    | 87    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 53.678   | -7.4   | 94    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 49.682   | 0.6    | 86    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0    | 86    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 46.538   | 6.9    | 85    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 50.372   | -0.7   | 89    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 50.262   | -0.5   | 88    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 50.969   | -1.9#  | 89    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 100.200  | -0.2   | 87    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 51.636   | -3.3   | 90    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 52.681   | -5.4   | 89    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 49.360   | 1.3    | 85    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0    | 86    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 53.864   | -7.7   | 90    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 69.316   | -38.6# | 112   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 60.354   | -20.7  | 104   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 60.685   | -21.4  | 102   | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 52.202   | -4.4   | 89    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 52.972   | -5.9   | 90    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 52.497   | -5.0   | 91    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 53.814   | -7.6   | 90    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 51.337   | -2.7   | 87    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 53.282   | -6.6   | 90    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 53.567   | -7.1   | 90    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 54.220   | -8.4   | 91    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 52.851   | -5.7   | 89    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 51.683   | -3.4   | 87    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 51.629   | -3.3   | 89    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 49.938   | 0.1    | 89    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 51.632   | -3.3   | 87    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 46.411   | 7.2    | 79    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 52.066   | -4.1   | 90    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 66.221   | -32.4# | 112   | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 51.825   | -3.7   | 88    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 47.369   | 5.3    | 81    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 63.802   | -27.6# | 102   | 0.00     |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Jul 16 02:34:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 03 05:51:11 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 | 53.776 | -7.6 | 90    | 0.00     |

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