

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061125\  
 Data File : VX046636.D  
 Acq On : 11 Jun 2025 14:46  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 12 02:28:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 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    | 86    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 46.135  | 7.7    | 85    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 43.769  | 12.5   | 83    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 45.171  | 9.7#   | 82    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 27.971  | 44.1#  | 46    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 40.448  | 19.1   | 76    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 42.711  | 14.6   | 75    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 45.060  | 9.9    | 80    | -0.01    |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 50.803  | -1.6   | 90    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 40.090  | 19.8   | 69    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 220.908 | 11.6   | 77    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 50.196  | -0.4#  | 90    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 318.023 | -27.2# | 120   | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 50.488  | -1.0   | 90    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 260.120 | -4.0   | 88    | -0.01    |
| 16 T  | Acetone                     | 250.000 | 239.623 | 4.2    | 85    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 48.207  | 3.6    | 86    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 55.283  | -10.6  | 89    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 53.911  | -7.8   | 91    | -0.01    |
| 20 T  | Methylene Chloride          | 50.000  | 50.139  | -0.3   | 93    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 49.675  | 0.7    | 92    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 53.823  | -7.6   | 91    | -0.01    |
| 23 T  | Vinyl Acetate               | 250.000 | 265.747 | -6.3   | 89    | -0.01    |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 51.716  | -3.4   | 90    | -0.01    |
| 25 T  | 2-Butanone                  | 250.000 | 245.374 | 1.9    | 83    | -0.01    |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 51.935  | -3.9   | 88    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 51.635  | -3.3   | 93    | -0.01    |
| 28 T  | Bromochloromethane          | 50.000  | 46.537  | 6.9    | 83    | -0.01    |
| 29 T  | Tetrahydrofuran             | 250.000 | 240.984 | 3.6    | 82    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 53.424  | -6.8#  | 94    | -0.01    |
| 31 T  | Cyclohexane                 | 50.000  | 49.332  | 1.3    | 88    | -0.01    |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 51.668  | -3.3   | 89    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 46.653  | 6.7    | 82    | -0.01    |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 85    | -0.01    |
| 35 S  | Dibromofluoromethane        | 50.000  | 51.915  | -3.8   | 89    | -0.01    |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 47.660  | 4.7    | 88    | -0.02    |
| 37 T  | Ethyl Acetate               | 50.000  | 53.299  | -6.6   | 84    | -0.02    |
| 38 T  | Carbon Tetrachloride        | 50.000  | 49.184  | 1.6    | 88    | -0.01    |
| 39 T  | Methylcyclohexane           | 50.000  | 48.113  | 3.8    | 89    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 51.876  | -3.8   | 92    | -0.01    |
| 41 T  | Methacrylonitrile           | 50.000  | 51.538  | -3.1   | 87    | -0.01    |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 50.505  | -1.0   | 87    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 51.690  | -3.4   | 85    | -0.01    |
| 44 TM | Trichloroethene             | 50.000  | 50.496  | -1.0   | 92    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 53.877  | -7.8#  | 92    | -0.01    |
| 46 T  | Dibromomethane              | 50.000  | 52.002  | -4.0   | 91    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 54.764  | -9.5   | 92    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 52.623  | -5.2   | 86    | -0.01    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061125\  
 Data File : VX046636.D  
 Acq On : 11 Jun 2025 14:46  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 12 02:28:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 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 | 936.440 | 6.4   | 77    | -0.01    |
| 50 S  | Toluene-d8                  | 50.000   | 50.297  | -0.6  | 88    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 263.985 | -5.6  | 86    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 52.732  | -5.5# | 92    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 54.455  | -8.9  | 91    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 53.504  | -7.0  | 91    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 55.318  | -10.6 | 94    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 56.009  | -12.0 | 92    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 52.422  | -4.8  | 91    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 260.437 | -4.2  | 86    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 259.182 | -3.7  | 84    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 55.050  | -10.1 | 93    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 52.090  | -4.2  | 91    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 50.160  | -0.3  | 87    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 87    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 49.417  | 1.2   | 93    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 51.980  | -4.0  | 95    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 55.199  | -10.4 | 95    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 51.724  | -3.4# | 92    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 106.345 | -6.3  | 94    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 54.541  | -9.1  | 96    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 55.064  | -10.1 | 94    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 54.781  | -9.6  | 93    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 88    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 52.958  | -5.9  | 93    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 53.026  | -6.1  | 89    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 52.379  | -4.8  | 92    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 51.509  | -3.0  | 91    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 52.592  | -5.2  | 95    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 51.885  | -3.8  | 92    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 51.487  | -3.0  | 93    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 52.565  | -5.1  | 93    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 51.862  | -3.7  | 90    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 50.910  | -1.8  | 92    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 53.295  | -6.6  | 95    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 52.454  | -4.9  | 94    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 52.573  | -5.1  | 95    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 52.107  | -4.2  | 94    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 52.221  | -4.4  | 96    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 51.383  | -2.8  | 99    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 50.742  | -1.5  | 93    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 50.802  | -1.6  | 93    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 52.399  | -4.8  | 96    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 49.901  | 0.2   | 86    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 52.453  | -4.9  | 100   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 47.005  | 6.0   | 89    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 53.781  | -7.6  | 94    | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061125\  
Data File : VX046636.D  
Acq On : 11 Jun 2025 14:46  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Jun 12 02:28:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 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 | 51.057 | -2.1 | 96    | 0.00     |

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