

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX031025\  
 Data File : VX045209.D  
 Acq On : 10 Mar 2025 20:17  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Mar 11 04:04:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 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    | 87    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 49.599  | 0.8    | 87    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 48.025  | 4.0    | 85    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 45.773  | 8.5#   | 80    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 50.673  | -1.3   | 91    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 54.440  | -8.9   | 90    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 50.823  | -1.6   | 85    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 48.131  | 3.7    | 86    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 53.761  | -7.5   | 92    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 54.565  | -9.1   | 90    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 225.688 | 9.7    | 88    | -0.01    |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 49.795  | 0.4#   | 85    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 237.014 | 5.2    | 83    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 53.441  | -6.9   | 92    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 268.846 | -7.5   | 92    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 254.865 | -1.9   | 93    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 45.192  | 9.6    | 78    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 59.975  | -20.0  | 107   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 53.586  | -7.2   | 92    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 49.218  | 1.6    | 90    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 50.342  | -0.7   | 84    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 53.946  | -7.9   | 91    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 278.666 | -11.5  | 91    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 52.153  | -4.3   | 91    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 270.518 | -8.2   | 90    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 66.684  | -33.4# | 114   | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 51.038  | -2.1   | 87    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 46.695  | 6.6    | 80    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 257.939 | -3.2   | 90    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 52.604  | -5.2#  | 91    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 51.654  | -3.3   | 88    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 52.556  | -5.1   | 89    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 53.777  | -7.6   | 98    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 87    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 54.162  | -8.3   | 95    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 50.215  | -0.4   | 85    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 52.826  | -5.7   | 89    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 51.782  | -3.6   | 89    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 53.885  | -7.8   | 88    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 51.762  | -3.5   | 87    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 56.278  | -12.6  | 92    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 54.587  | -9.2   | 93    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 56.443  | -12.9  | 92    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 52.232  | -4.5   | 90    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 52.648  | -5.3#  | 92    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 53.887  | -7.8   | 91    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 54.648  | -9.3   | 93    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 56.723  | -13.4  | 93    | 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

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 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 | 961.250 | 3.9   | 82    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 52.198  | -4.4  | 91    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 285.882 | -14.4 | 95    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 52.695  | -5.4# | 86    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 58.132  | -16.3 | 93    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 57.309  | -14.6 | 93    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 53.219  | -6.4  | 91    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 57.768  | -15.5 | 93    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 53.072  | -6.1  | 90    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 275.041 | -10.0 | 87    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 288.929 | -15.6 | 95    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 55.525  | -11.0 | 92    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 53.901  | -7.8  | 92    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 55.762  | -11.5 | 97    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 87    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 49.798  | 0.4   | 86    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 51.723  | -3.4  | 87    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 52.665  | -5.3  | 91    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 52.841  | -5.7# | 87    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 106.750 | -6.8  | 87    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 52.621  | -5.2  | 88    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 54.651  | -9.3  | 89    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 55.820  | -11.6 | 94    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 92    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 51.203  | -2.4  | 89    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 55.914  | -11.8 | 95    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 51.071  | -2.1  | 95    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 52.319  | -4.6  | 97    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 50.399  | -0.8  | 91    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 53.359  | -6.7  | 90    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 50.254  | -0.5  | 90    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 52.109  | -4.2  | 89    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 54.392  | -8.8  | 100   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 52.803  | -5.6  | 92    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 51.306  | -2.6  | 90    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 52.908  | -5.8  | 91    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 53.829  | -7.7  | 91    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 54.521  | -9.0  | 92    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 51.396  | -2.8  | 93    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 50.623  | -1.2  | 92    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 56.174  | -12.3 | 93    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 51.712  | -3.4  | 89    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 51.548  | -3.1  | 93    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 53.372  | -6.7  | 95    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 51.957  | -3.9  | 89    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 50.796  | -1.6  | 92    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 52.935  | -5.9  | 90    | 0.00     |

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Sample : VSTDCCC050  
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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Mar 11 04:04:46 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 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 | 51.350 | -2.7 | 88    | 0.00     |

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