

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111025\  
 Data File : VU063696.D  
 Acq On : 10 Nov 2025 15:38  
 Operator : MD/SY  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU111025

Quant Time: Nov 11 01:47:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 01:41:19 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   | 101   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 44.064  | 11.9  | 99    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 49.040  | 1.9   | 101   | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 44.577  | 10.8# | 99    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 54.629  | -9.3  | 111   | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 44.334  | 11.3  | 100   | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 44.624  | 10.8  | 98    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 44.661  | 10.7  | 98    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 45.927  | 8.1   | 98    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 42.305  | 15.4  | 84    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 208.986 | 16.4  | 94    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 44.904  | 10.2# | 100   | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 218.856 | 12.5  | 86    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 45.638  | 8.7   | 98    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 241.370 | 3.5   | 98    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 235.385 | 5.8   | 96    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 48.279  | 3.4   | 103   | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 47.075  | 5.8   | 96    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 47.237  | 5.5   | 99    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 49.073  | 1.9   | 100   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 45.878  | 8.2   | 101   | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 46.296  | 7.4   | 99    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 234.015 | 6.4   | 99    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 46.340  | 7.3   | 99    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 233.389 | 6.6   | 98    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 46.283  | 7.4   | 98    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 46.888  | 6.2   | 101   | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 53.593  | -7.2  | 101   | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 233.427 | 6.6   | 97    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 47.668  | 4.7#  | 101   | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 47.817  | 4.4   | 100   | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 47.222  | 5.6   | 99    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 46.968  | 6.1   | 99    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 106   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 47.350  | 5.3   | 100   | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 44.320  | 11.4  | 98    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 43.815  | 12.4  | 97    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 45.387  | 9.2   | 98    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 45.666  | 8.7   | 100   | 0.00     |
| 40 TM | Benzene                     | 50.000  | 45.283  | 9.4   | 99    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 47.520  | 5.0   | 98    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 47.517  | 5.0   | 101   | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 47.170  | 5.7   | 98    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 42.581  | 14.8  | 95    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 47.101  | 5.8#  | 99    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 47.456  | 5.1   | 99    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 47.728  | 4.5   | 101   | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 47.724  | 4.6   | 100   | 0.00     |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU111025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 01:41:19 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 | 844.946 | 15.5  | 91    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 45.660  | 8.7   | 98    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 234.159 | 6.3   | 98    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 46.836  | 6.3#  | 100   | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 46.355  | 7.3   | 100   | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 47.229  | 5.5   | 99    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 47.432  | 5.1   | 100   | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 49.472  | 1.1   | 101   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 46.807  | 6.4   | 100   | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 168.182 | 32.7# | 82    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 237.359 | 5.1   | 98    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 48.327  | 3.3   | 102   | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 47.567  | 4.9   | 99    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 48.755  | 2.5   | 104   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 107   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 45.400  | 9.2   | 97    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 45.352  | 9.3   | 99    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 46.036  | 7.9   | 98    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 46.207  | 7.6#  | 100   | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 93.852  | 6.1   | 99    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 46.016  | 8.0   | 99    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 48.165  | 3.7   | 99    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 47.704  | 4.6   | 101   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 112   | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 42.325  | 15.3  | 99    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 44.861  | 10.3  | 99    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 41.733  | 16.5  | 99    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 41.014  | 18.0  | 96    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 41.913  | 16.2  | 100   | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 42.805  | 14.4  | 97    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 41.994  | 16.0  | 100   | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 43.383  | 13.2  | 99    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 42.264  | 15.5  | 92    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 42.273  | 15.5  | 99    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 42.828  | 14.3  | 100   | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 43.919  | 12.2  | 100   | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 42.943  | 14.1  | 98    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 43.915  | 12.2  | 97    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 43.465  | 13.1  | 99    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 41.885  | 16.2  | 99    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 43.190  | 13.6  | 99    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 43.153  | 13.7  | 98    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 42.988  | 14.0  | 98    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 44.937  | 10.1  | 98    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 43.734  | 12.5  | 99    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 43.000  | 14.0  | 99    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 49.525  | 1.0   | 101   | 0.00     |

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Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU111025

Quant Time: Nov 11 01:47:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 01:41:19 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 | 44.287 | 11.4 | 97    | 0.00     |

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