

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111125\  
 Data File : VU063699.D  
 Acq On : 11 Nov 2025 11:17  
 Operator : MD/SY  
 Sample : VU1111WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1111WBL01

Quant Time: Nov 12 02:09:58 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

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.344          | 168  | 184343     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.222          | 114  | 301267     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.393          | 117  | 276875     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.788         | 152  | 142071     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.672          | 65   | 121973     | 44.791   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 89.580%  |        |          |
| 35) Dibromofluoromethane      | 5.261          | 113  | 100926     | 47.830   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 95.660%  |        |          |
| 50) Toluene-d8                | 7.872          | 98   | 320008     | 42.215   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 84.420%# |        |          |
| 62) 4-Bromofluorobenzene      | 10.611         | 95   | 140178     | 44.703   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 89.400%  |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 4) Vinyl Chloride             | 1.592          | 62   | 135        | 0.099    | ug/l # | 58       |
| 6) Chloroethane               | 1.907          | 64   | 41         | 0.040    | ug/l # | 42       |
| 12) 1,1-Dichloroethene        | 2.566          | 96   | 21         | 0.015    | ug/l # | 41       |
| 14) Allyl chloride            | 2.894          | 41   | 96         | 0.036    | ug/l # | 80       |
| 21) trans-1,2-Dichloroethene  | 3.325          | 96   | 176        | 0.120    | ug/l # | 1        |
| 23) Vinyl Acetate             | 4.052          | 43   | 44         | 0.011    | ug/l # | 71       |
| 25) 2-Butanone                | 4.647          | 43   | 41         | 0.022    | ug/l # | 47       |
| 27) cis-1,2-Dichloroethene    | 4.653          | 96   | 83         | 0.039    | ug/l # | 60       |
| 29) Tetrahydrofuran           | 5.049          | 42   | 21         | 0.019    | ug/l # | 29       |
| 37) Ethyl Acetate             | 4.756          | 43   | 20         | 0.007    | ug/l # | 69       |
| 40) Benzene                   | 5.737          | 78   | 47         | 0.007    | ug/l # | 52       |
| 41) Methacrylonitrile         | 4.962          | 41   | 47         | 0.030    | ug/l # | 19       |
| 42) 1,2-Dichloroethane        | 5.779          | 62   | 72         | 0.026    | ug/l # | 75       |
| 43) Isopropyl Acetate         | 6.068          | 43   | 65         | 0.015    | ug/l # | 60       |
| 44) Trichloroethene           | 6.518          | 130  | 246        | 0.127    | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 6.576          | 63   | 43         | 0.023    | ug/l # | 44       |
| 48) Methyl methacrylate       | 7.045          | 41   | 43         | 0.020    | ug/l # | 1        |
| 52) Toluene                   | 7.949          | 92   | 246        | 0.055    | ug/l # | 69       |
| 53) t-1,3-Dichloropropene     | 8.196          | 75   | 225        | 0.093    | ug/l # | 44       |
| 54) cis-1,3-Dichloropropene   | 7.589          | 75   | 96         | 0.035    | ug/l # | 35       |
| 57) 1,3-Dichloropropane       | 8.560          | 76   | 67         | 0.020    | ug/l # | 42       |
| 59) 2-Hexanone                | 8.775          | 43   | 243        | 0.096    | ug/l   | 80       |
| 60) Dibromochloromethane      | 8.794          | 129  | 42         | 0.019    | ug/l # | 11       |
| 64) Tetrachloroethene         | 8.524          | 164  | 101        | 0.057    | ug/l # | 51       |
| 65) Chlorobenzene             | 9.428          | 112  | 842        | 0.156    | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.553          | 91   | 1067       | 0.118    | ug/l # | 81       |
| 69) o-Xylene                  | 10.077         | 106  | 135        | 0.039    | ug/l # | 1        |
| 70) Styrene                   | 10.106         | 104  | 648        | 0.118    | ug/l # | 48       |
| 71) Bromoform                 | 10.277         | 173  | 80         | 0.054    | ug/l # | 29       |
| 73) Isopropylbenzene          | 10.470         | 105  | 688        | 0.077    | ug/l   | 80       |
| 75) 1,1,2,2-Tetrachloroethane | 10.608         | 83   | 19         | 0.006    | ug/l # | 1        |
| 78) n-propylbenzene           | 10.884         | 91   | 2022       | 0.197    | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 10.971         | 91   | 1036       | 0.157    | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 11.074         | 105  | 995        | 0.133    | ug/l   | 81       |
| 83) tert-Butylbenzene         | 11.392         | 119  | 588        | 0.075    | ug/l # | 82       |
| 84) 1,2,4-Trimethylbenzene    | 11.450         | 105  | 1394       | 0.190    | ug/l   | 92       |

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QLast Update : Tue Nov 11 01:41:19 2025  
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| Compound             | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------|--------|------|----------|-------|-------|----------|
| 85) sec-Butylbenzene | 11.621 | 105  | 1815     | 0.184 | ug/l  | 90       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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