

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070925\  
 Data File : VN087310.D  
 Acq On : 09 Jul 2025 13:33  
 Operator : JC\MD  
 Sample : Q2533-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001 WILLETS PT BLVD (JUNE)

Quant Time: Jul 10 01:25:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N062525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 25 10:49:56 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 7.824  | 128   | 40947    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.106  | 114   | 205920   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 191589   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.583  | 65    | 87790    | 28.456   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 94.867%  |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 79889    | 27.022   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 90.067%  |
| 63) Toluene-d8              | 10.571 | 98    | 241101   | 28.027   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 93.433%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 15) Acetone                 | 4.453  | 58    | 15081    | 28.488   | ug/l   | 84       |
| 25) Chloroform              | 7.971  | 83    | 6048     | 1.217    | ug/l   | 85       |
| 30) 2-Butanone              | 7.494  | 43    | 22215    | 10.261   | ug/l # | 92       |
| 41) Bromodichloromethane    | 9.894  | 83    | 4736     | 1.352    | ug/l # | 96       |
| 53) Dibromochloromethane    | 11.359 | 129   | 7998     | 3.091    | ug/l   | 99       |
| 56) Bromoform               | 12.576 | 173   | 4837     | 2.719    | ug/l # | 93       |
| 62) Toluene                 | 10.629 | 91    | 1400951  | 129.470  | ug/l   | 99       |
| 82) p-Isopropyltoluene      | 13.729 | 119   | 20571    | 2.304    | ug/l   | 92       |
| -----                       |        |       |          |          |        |          |

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

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