

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011625\  
 Data File : VX044669.D  
 Acq On : 16 Jan 2025 13:33  
 Operator :  
 Sample : Q1083-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(DEC)

Quant Time: Jan 17 01:31:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 17 01:21:41 2025  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Bromochloromethane       | 4.891     | 128   | 34454    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.757     | 114   | 193425   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5        | 10.049    | 117   | 171637   | 30.000   | ug/l       | 0.00     |
|                             |           |       |          |          |            |          |
| System Monitoring Compounds |           |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4   | 5.946     | 65    | 101647   | 30.560   | ug/l       | 0.00     |
| Spiked Amount               | 30.000    | Range | 91 - 110 | Recovery | = 101.867% |          |
| 60) 4-Bromofluorobenzene    | 11.079    | 95    | 101727   | 30.514   | ug/l       | 0.00     |
| Spiked Amount               | 30.000    | Range | 63 - 112 | Recovery | = 101.700% |          |
| 63) Toluene-d8              | 8.641     | 98    | 291561   | 31.232   | ug/l       | 0.00     |
| Spiked Amount               | 30.000    | Range | 91 - 112 | Recovery | = 104.100% |          |
|                             |           |       |          |          |            |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 12) Methyl Acetate          | 2.709     | 43    | 5007     | 1.348    | ug/l #     | 88       |
| 15) Acetone                 | 2.386     | 58    | 23128    | 63.664   | ug/l       | 98       |
| 16) Carbon Disulfide        | 2.495     | 76    | 3912     | 0.553    | ug/l       | 97       |
| 30) 2-Butanone              | 4.568     | 43    | 16011    | 8.663    | ug/l #     | 57       |
| 58) 4-Methyl-2-Pentanone    | 8.580     | 43    | 13356    | 3.692    | ug/l       | 96       |
| 62) Toluene                 | 8.714     | 91    | 710756   | 62.889   | ug/l       | 99       |
| 67) m/p-Xylenes             | 10.305    | 106   | 1779     | 0.392    | ug/l       | 97       |
| 76) 1,3,5-Trimethylbenzene  | 11.451    | 105   | 2149     | 0.231    | ug/l       | 89       |
| 80) 1,2,4-Trimethylbenzene  | 11.756    | 105   | 7286     | 0.777    | ug/l       | 88       |
| 82) p-Isopropyltoluene      | 12.006    | 119   | 16955    | 1.808    | ug/l       | 98       |
| 91) Naphthalene             | 13.780    | 128   | 7185     | 0.654    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

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

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