

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011124\  
 Data File : VN080678.D  
 Acq On : 11 Jan 2024 16:03  
 Operator : JC\MD  
 Sample : P1102-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 240110061-02-VOA

Quant Time: Jan 12 05:24:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N011124W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jan 12 05:20:11 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 7.818  | 128   | 12949    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 117961   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 125857   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.576  | 65    | 62785    | 30.025   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 100.067% |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 78710    | 28.271   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 94.233%  |
| 63) Toluene-d8              | 10.570 | 98    | 165361   | 29.938   | ug/l   | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 99.800%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 2.359  | 50    | 2520     | 0.841    | ug/l   | 92       |
| 8) Diethyl Ether            | 3.965  | 74    | 8884     | 5.603    | ug/l   | 79       |
| 23) tert-Butyl Alcohol      | 5.506  | 59    | 52074    | 134.294  | ug/l # | 100      |
| 34) Benzene                 | 8.612  | 78    | 7634     | 0.718    | ug/l # | 65       |
| 64) Chlorobenzene           | 11.888 | 112   | 24597    | 4.363    | ug/l # | 87       |
| 67) m/p-Xylenes             | 12.070 | 106   | 5512     | 1.440    | ug/l   | 91       |
| 68) o-Xylene                | 12.400 | 106   | 3362     | 0.881    | ug/l   | 88       |
| 75) 2-Chlorotoluene         | 13.129 | 91    | 1894     | 0.268    | ug/l   | 90       |
| 80) 1,2,4-Trimethylbenzene  | 13.482 | 105   | 2397     | 0.316    | ug/l   | 72       |
| 84) 1,4-Dichlorobenzene     | 13.811 | 146   | 18158    | 5.228    | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

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

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