

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\  
 Data File : VN064044.D  
 Acq On : 9 Oct 2020 17:38  
 Operator : JC/MD  
 Sample : L4350-01 5X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 14B-1

Quant Time: Oct 10 02:10:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Oct 06 16:42:38 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 43253    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 211515   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 191258   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 121870   | 31.37    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 104.57% |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 73415    | 22.45    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 74.83%  |
| 63) Toluene-d8            | 10.06  | 98    | 261733   | 30.20    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.67% |

## Target Compounds

|                          |       |     |        |              | Ovalue |
|--------------------------|-------|-----|--------|--------------|--------|
| 25) Chloroform           | 7.33  | 83  | 459170 | 83.299 ug/l  | 97     |
| 41) Bromodichloromethane | 9.37  | 83  | 36606  | 8.813 ug/l # | 93     |
| 53) Dibromochloromethane | 10.87 | 129 | 1594   | 0.519 ug/l   | 98     |

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

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