

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112918\  
 Data File : VN052588.D  
 Acq On : 30 Nov 2018 2:23  
 Operator : MD\SY  
 Sample : J6144-04 5X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 40 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 14B-4

Quant Time: Nov 30 04:26:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\624N112618W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Nov 27 00:48:33 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.20  | 128  | 166545   | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.59  | 114  | 946200   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 779632   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 343940   | 30.31    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 101.03% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 308489   | 25.88    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 86.27%  |
| 63) Toluene-d8            | 10.09  | 98    | 1097373  | 30.36    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 101.20% |

## Target Compounds

|                          |       |     |         |         | Qvalue  |
|--------------------------|-------|-----|---------|---------|---------|
| 25) Chloroform           | 7.37  | 83  | 3085369 | 163.935 | ug/l 99 |
| 41) Bromodichloromethane | 9.40  | 83  | 306372  | 22.036  | ug/l 98 |
| 53) Dibromochloromethane | 10.90 | 129 | 14050   | 1.431   | ug/l 97 |

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

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