

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\  
 Data File : VN055074.D  
 Acq On : 16 Apr 2019 13:22  
 Operator : JC/SP  
 Sample : K2408-02 5X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EFF-WW

Quant Time: Apr 17 01:47:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 12 07:55:25 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.19  | 128  | 71481    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.58  | 114  | 376323   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 321737   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 164769   | 30.24    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 100.80% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 121249   | 24.21    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 80.70%  |
| 63) Toluene-d8            | 10.09  | 98    | 469820   | 30.71    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 102.37% |

## Target Compounds

|                       |      |    |        |          | Ovalue |    |
|-----------------------|------|----|--------|----------|--------|----|
| 15) Acetone           | 3.82 | 58 | 410992 | 1039.157 | ug/l   | 97 |
| 20) Diisopropyl ether | 5.95 | 45 | 11994  | 0.758    | ug/l # | 85 |
| 25) Chloroform        | 7.37 | 83 | 12486  | 1.542    | ug/l   | 94 |

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

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