

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\  
 Data File : VN049997.D  
 Acq On : 21 Jul 2018 8:16  
 Operator : MD\SY  
 Sample : J3827-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 OR-01-071918

Quant Time: Jul 23 01:13:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071818W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 01:58:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 541585   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 927035   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 760973   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 275943   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 393429   | 52.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.70% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 348194   | 44.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.48%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1222525  | 43.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.22%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 329414   | 33.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 67.46%  |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 16) Acetone            | 3.83  | 43   | 19083    | 9.90  | ug/l   | 98     |
| 18) Methyl Acetate     | 4.34  | 43   | 28028    | 3.87  | ug/l   | 96     |
| 20) Methylene Chloride | 4.55  | 84   | 418201   | 57.06 | ug/l   | 98     |
| 25) 2-Butanone         | 6.85  | 43   | 12059    | 4.38  | ug/l   | 98     |
| 29) Tetrahydrofuran    | 7.23  | 42   | 7204     | 4.15  | ug/l # | 74     |
| 30) Chloroform         | 7.37  | 83   | 18996    | 1.53  | ug/l   | 100    |
| 43) Isopropyl Acetate  | 8.17  | 43   | 265923   | 21.50 | ug/l # | 95     |
| 59) 2-Hexanone         | 10.77 | 43   | 17168    | 3.70  | ug/l # | 58     |
| 95) Naphthalene        | 15.14 | 128  | 245965   | 21.62 | ug/l   | 99     |

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

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