

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\  
 Data File : VN050829.D  
 Acq On : 22 Aug 2018 19:09  
 Operator : MD\SY  
 Sample : J4283-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TR-05-082118

Quant Time: Aug 23 03:26:40 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 05:38:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 707838   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1152933  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 935933   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 322852   | 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   | 452155   | 53.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.12% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 430171   | 46.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.80%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1539155  | 44.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.76%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 413341   | 36.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 72.54%  |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 16) Acetone            | 3.82  | 43   | 21589    | 3.74  | ug/l   | 97     |
| 18) Methyl Acetate     | 4.33  | 43   | 16536    | 2.06  | ug/l   | 94     |
| 20) Methylene Chloride | 4.55  | 84   | 288272   | 30.02 | ug/l   | 98     |
| 29) Tetrahydrofuran    | 7.23  | 42   | 2064     | 1.05  | ug/l # | 33     |
| 43) Isopropyl Acetate  | 8.17  | 43   | 355418   | 26.45 | ug/l # | 91     |
| 95) Naphthalene        | 15.13 | 128  | 49310    | 8.81  | ug/l   | 99     |

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

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