

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\  
 Data File : VN050070.D  
 Acq On : 26 Jul 2018 2:48  
 Operator : MD\SY  
 Sample : J4124-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-11-S

Quant Time: Jul 26 08:00:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 24 06:27:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 620290   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1037219  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 885740   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 333854   | 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   | 443024   | 51.19  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 102.38% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 396207   | 46.79  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 93.58%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1403562  | 45.08  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 90.16%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 394165   | 38.45  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 76.90%  |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 16) Acetone            | 3.83  | 43   | 21484    | 6.31  | ug/l   | 97     |
| 18) Methyl Acetate     | 4.34  | 43   | 31618    | 2.44  | ug/l   | 100    |
| 20) Methylene Chloride | 4.55  | 84   | 304111   | 39.36 | ug/l   | 99     |
| 30) Chloroform         | 7.38  | 83   | 17037    | 1.16  | ug/l   | 95     |
| 43) Isopropyl Acetate  | 8.17  | 43   | 333587   | 21.07 | ug/l # | 89     |
| 59) 2-Hexanone         | 10.77 | 43   | 18086    | 8.18  | ug/l # | 56     |
| 95) Naphthalene        | 15.14 | 128  | 68925    | 8.54  | ug/l   | 99     |

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

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