

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\  
 Data File : VN050115.D  
 Acq On : 27 Jul 2018 5:43  
 Operator : MD\SY  
 Sample : J4184-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-11B

Quant Time: Jul 27 08:22:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 790127   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1229849  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1057386  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 479114   | 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   | 512682   | 46.51 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.02% |          |
| 35) Dibromofluoromethane    | 7.60  | 113  | 457354   | 45.55 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.10% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1690754  | 45.80 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.60% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 534546   | 43.98 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.96% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 16) Acetone                | 3.83  | 43   | 35128    | 9.35  | ug/l  | 89     |
| 17) Carbon Disulfide       | 4.05  | 76   | 7119     | 0.26  | ug/l  | 98     |
| 40) Benzene                | 8.04  | 78   | 80658    | 1.91  | ug/l  | 98     |
| 52) Toluene                | 10.16 | 92   | 77286    | 3.11  | ug/l  | 98     |
| 67) Ethyl Benzene          | 11.51 | 91   | 132349   | 3.08  | ug/l  | 99     |
| 68) m/p-Xylenes            | 11.62 | 106  | 247301   | 15.24 | ug/l  | 99     |
| 69) o-Xylene               | 11.95 | 106  | 95687    | 6.19  | ug/l  | 99     |
| 73) Isopropylbenzene       | 12.25 | 105  | 54367    | 1.46  | ug/l  | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 49657    | 1.70  | ug/l  | 95     |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 137645   | 4.67  | ug/l  | 100    |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 116493   | 4.06  | ug/l  | 99     |
| 95) Naphthalene            | 15.14 | 128  | 870161   | 40.67 | ug/l  | 99     |

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

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