

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\  
 Data File : VN050301.D  
 Acq On : 3 Aug 2018 7:31  
 Operator : MD\SY  
 Sample : J4303-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-A04

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2018 9:37:26 AM

Quant Time: Aug 03 08:22:34 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  | 690150   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1131513  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 947872   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 371736   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 474395   | 49.27 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.54% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 427759   | 46.30 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.60% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1532338  | 45.12 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.24% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 440180   | 39.36 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 78.72% |          |
| Target Compounds            |       |      |          |       |        |          |
| 8) Diethyl Ether            | 3.41  | 74   | 2500     | 0.510 | ug/l   | 82       |
| 16) Acetone                 | 3.83  | 43   | 12264    | 1.084 | ug/l   | 95       |
| 17) Carbon Disulfide        | 4.06  | 76   | 7258m    | 0.298 | ug/l   |          |
| 18) Methyl Acetate          | 4.33  | 43   | 16440    | 0.242 | ug/l   | 99       |

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

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