

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\  
 Data File : VN055551.D  
 Acq On : 10 May 2019 14:52  
 Operator : JC/SP  
 Sample : K2758-14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IW-21

Quant Time: May 11 13:42:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 10 06:48:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 874314   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1442495  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1207349  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 325453   | 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   | 590610   | 44.86  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 89.72% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 463803   | 49.84  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 99.68% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1767792  | 48.75  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 97.50% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 501089   | 40.98  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 81.96% |          |

| Target Compounds            | R.T. | QIon | Response | Conc  | Units | Qvalue |
|-----------------------------|------|------|----------|-------|-------|--------|
| 12) 1,1-Dichloroethene      | 3.73 | 96   | 38563    | 4.036 | ug/l  | 98     |
| 19) Methyl tert-butyl Ether | 5.06 | 73   | 36444    | 1.148 | ug/l  | 95     |
| 24) 1,1-Dichloroethane      | 5.85 | 63   | 23642    | 1.101 | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene  | 6.83 | 96   | 117650   | 9.826 | ug/l  | 90     |
| 42) 1,2-Dichloroethane      | 8.13 | 62   | 4379     | 0.283 | ug/l  | 86     |
| 44) Trichloroethene         | 8.84 | 130  | 32715    | 3.117 | ug/l  | 99     |

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

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