

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\  
 Data File : VN056124.D  
 Acq On : 8 Jun 2019 2:01  
 Operator : JC/SP  
 Sample : K3223-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP-0532-190605

Quant Time: Jun 08 07:21:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 319405   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 485795   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 459974   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 152236   | 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   | 167684   | 52.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 105.74% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 152336   | 51.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.22% |          |
| 50) Toluene-d8              | 10.09 | 98   | 614760   | 53.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 107.20% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 196512   | 50.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.76% |          |

| Target Compounds             | R.T.  | QIon | Response | Conc     | Units | Qvalue |
|------------------------------|-------|------|----------|----------|-------|--------|
| 4) Vinyl Chloride            | 2.18  | 62   | 21813    | 6.281    | ug/l  | 99     |
| 12) 1,1-Dichloroethene       | 3.72  | 96   | 8784     | 3.276    | ug/l  | 95     |
| 19) Methyl tert-butyl Ether  | 5.05  | 73   | 308993   | 36.152   | ug/l  | 100    |
| 21) trans-1,2-Dichloroethene | 5.03  | 96   | 1322223  | 460.230  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene   | 6.83  | 96   | 713738   | 211.347  | ug/l  | 90     |
| 30) Chloroform               | 7.37  | 83   | 20106    | 3.959    | ug/l  | 100    |
| 40) Benzene                  | 8.04  | 78   | 10544    | 0.831    | ug/l  | 100    |
| 42) 1,2-Dichloroethane       | 8.12  | 62   | 991232   | 242.892  | ug/l  | 99     |
| 44) Trichloroethene          | 8.84  | 130  | 11118401 | 3049.832 | ug/l  | 96     |
| 45) 1,2-Dichloropropane      | 9.12  | 63   | 10219    | 3.145    | ug/l  | 95     |
| 55) 1,1,2-Trichloroethane    | 10.56 | 97   | 23433    | 7.493    | ug/l  | 95     |

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

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