

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN031419\  
 Data File : VN054298.D  
 Acq On : 15 Mar 2019 8:40  
 Operator : JC/SP  
 Sample : K1902-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30298

Quant Time: Mar 15 18:11:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 1482087  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 2433446  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 2639002  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 1303112  | 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   | 739587   | 46.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.98%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 730199   | 46.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.06%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 3103116  | 53.54 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.08% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1260451  | 62.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 124.30% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc     | Units  | Qvalue |
|----------------------------|-------|------|----------|----------|--------|--------|
| 13) Acrolein               | 3.60  | 56   | 91441    | 89.431   | ug/l   | 99     |
| 16) Acetone                | 3.82  | 43   | 17524045 | 3888.471 | ug/l   | 99     |
| 25) 2-Butanone             | 6.84  | 43   | 968811   | 183.159  | ug/l   | 99     |
| 37) Ethyl Acetate          | 6.94  | 43   | 2087798  | 162.140  | ug/l   | 96     |
| 40) Benzene                | 8.04  | 78   | 15399    | 0.240    | ug/l   | 98     |
| 51) 4-Methyl-2-Pentanone   | 9.99  | 43   | 324613   | 27.139   | ug/l # | 72     |
| 52) Toluene                | 10.16 | 92   | 307630   | 7.566    | ug/l   | 100    |
| 64) Tetrachloroethene      | 10.63 | 164  | 127217   | 4.986    | ug/l   | 98     |
| 67) Ethyl Benzene          | 11.51 | 91   | 1328240  | 13.828   | ug/l   | 100    |
| 68) m/p-Xylenes            | 11.62 | 106  | 2740340  | 72.993   | ug/l   | 99     |
| 69) o-Xylene               | 11.95 | 106  | 1797138  | 49.105   | ug/l   | 99     |
| 70) Styrene                | 11.95 | 104  | 90139    | 1.570    | ug/l # | 1      |
| 73) Isopropylbenzene       | 12.25 | 105  | 212118   | 2.035    | ug/l   | 99     |
| 78) n-propylbenzene        | 12.59 | 91   | 932295   | 8.241    | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 2291534  | 26.424   | ug/l   | 100    |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 9981069  | 117.319  | ug/l   | 100    |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 163743   | 1.803    | ug/l   | 99     |
| 89) n-Butylbenzene         | 13.61 | 91   | 297757   | 4.315    | ug/l # | 68     |
| 95) Naphthalene            | 15.13 | 128  | 2989979  | 52.153   | ug/l   | 98     |
| 96) 1,2,3-Trichlorobenzene | 15.34 | 180  | 22036    | 0.913    | ug/l # | 1      |

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

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