

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\  
 Data File : VN058184.D  
 Acq On : 18 Sep 2019 23:30  
 Operator : JC/SP  
 Sample : K4940-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30470

Quant Time: Sep 19 07:42:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 19 02:07:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 597938   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 954808   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 821629   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 365702   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 385891   | 46.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.68%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 269645   | 46.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.90%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1142097  | 50.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.00% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 381678   | 45.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.86%  |          |

| Target Compounds            | R.T.  | QIon | Response | Conc     | Units | Qvalue |
|-----------------------------|-------|------|----------|----------|-------|--------|
| 16) Acetone                 | 3.79  | 43   | 2932992  | 1037.532 | ug/l  | 99     |
| 19) Methyl tert-butyl Ether | 5.02  | 73   | 605186   | 33.194   | ug/l  | 100    |
| 22) Diisopropyl ether       | 5.93  | 45   | 257091   | 12.795   | ug/l  | 91     |
| 25) 2-Butanone              | 6.82  | 43   | 122203   | 31.730   | ug/l  | 97     |
| 37) Ethyl Acetate           | 6.91  | 43   | 52771    | 7.385    | ug/l  | 99     |
| 40) Benzene                 | 8.03  | 78   | 1675408  | 79.664   | ug/l  | 99     |
| 51) 4-Methyl-2-Pentanone    | 9.98  | 43   | 52144    | 7.356    | ug/l  | 96     |
| 52) Toluene                 | 10.15 | 92   | 1178131  | 89.386   | ug/l  | 100    |
| 67) Ethyl Benzene           | 11.51 | 91   | 46099    | 1.862    | ug/l  | 97     |
| 68) m/p-Xylenes             | 11.62 | 106  | 78590    | 8.426    | ug/l  | 97     |
| 69) o-Xylene                | 11.95 | 106  | 84812    | 9.248    | ug/l  | 100    |
| 84) 1,2,4-Trimethylbenzene  | 13.05 | 105  | 22646    | 1.176    | ug/l  | 99     |

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

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