

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\  
 Data File : VX004755.D  
 Acq On : 27 Sep 2018 05:58  
 Operator : JC/MD  
 Sample : J5020-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T3-MW-2-9.0-091918

Quant Time: Sep 27 07:17:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 276459   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 432200   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 419663   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 244725   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 194566   | 49.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.54%  |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 169524   | 46.28 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 92.56%  |          |
| 50) Toluene-d8              | 8.72  | 98   | 632223   | 51.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.84% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 246922   | 56.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.56% |          |

| Target Compounds            | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                 | 2.45  | 43   | 35337    | 15.326  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether | 3.21  | 73   | 33316    | 3.224   | ug/l # | 88     |
| 25) 2-Butanone              | 4.71  | 43   | 2608     | 0.767   | ug/l   | 93     |
| 31) Cyclohexane             | 5.58  | 56   | 32606    | 6.489   | ug/l # | 82     |
| 39) Methylcyclohexane       | 7.46  | 83   | 79375    | 15.554  | ug/l   | 91     |
| 40) Benzene                 | 6.14  | 78   | 8619     | 0.551   | ug/l   | 91     |
| 52) Toluene                 | 8.79  | 92   | 7136     | 0.830   | ug/l   | 93     |
| 67) Ethyl Benzene           | 10.26 | 91   | 18560    | 1.086   | ug/l   | 98     |
| 68) m/p-Xylenes             | 10.37 | 106  | 1916     | 0.287   | ug/l   | 95     |
| 69) o-Xylene                | 10.70 | 106  | 2537     | 0.414   | ug/l   | 84     |
| 73) Isopropylbenzene        | 11.02 | 105  | 655254   | 42.479  | ug/l   | 99     |
| 78) n-propylbenzene         | 11.36 | 91   | 2917581  | 164.847 | ug/l   | 99     |
| 83) tert-Butylbenzene       | 11.77 | 119  | 28313    | 2.229   | ug/l   | 88     |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 13163    | 0.708   | ug/l   | 98     |
| 85) sec-Butylbenzene        | 11.94 | 105  | 212522   | 13.738  | ug/l   | 98     |
| 89) n-Butylbenzene          | 12.39 | 91   | 303416   | 23.838  | ug/l # | 53     |

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

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