

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU121718\  
 Data File : VU028749.D  
 Acq On : 18 Dec 2018 03:35  
 Operator : MD/SY  
 Sample : J6413-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-2R

Quant Time: Dec 18 08:32:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 07 00:39:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 92939    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.88  | 114  | 166249   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 145253   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 59938    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 72905    | 51.40 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.80% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 55659    | 53.20 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.40% |          |
| 50) Toluene-d8              | 7.56  | 98   | 214598   | 51.85 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.70% |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 69847    | 45.15 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.30%  |          |

| Target Compounds            | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-----------------------------|-------|------|----------|---------|--------|--------|
| 11) Tert butyl alcohol      | 2.83  | 59   | 223984   | 708.824 | ug/l   | 100    |
| 16) Acetone                 | 2.32  | 43   | 1351     | 1.460   | ug/l # | 81     |
| 18) Methyl Acetate          | 2.62  | 43   | 1786     | 0.744   | ug/l # | 67     |
| 19) Methyl tert-butyl Ether | 3.00  | 73   | 148274   | 37.799  | ug/l   | 99     |
| 73) Isopropylbenzene        | 10.17 | 105  | 1721     | 0.374   | ug/l   | 89     |
| 78) n-propylbenzene         | 10.59 | 91   | 4415     | 0.773   | ug/l   | 96     |
| 84) 1,2,4-Trimethylbenzene  | 11.15 | 105  | 8744     | 2.229   | ug/l   | 97     |
| 85) sec-Butylbenzene        | 11.32 | 105  | 6035     | 1.280   | ug/l   | 97     |

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

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