

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\  
 Data File : VU025346.D  
 Acq On : 12 Jul 2018 17:56  
 Operator : MD/SY  
 Sample : J3928-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GROUNDWATER

Quant Time: Jul 13 08:23:41 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 10 09:34:16 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 4.99  | 168  | 200039   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 301481   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 279603   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.49 | 152  | 148035   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 151949   | 48.89 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.78%  |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 119300   | 46.91 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.82%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 435664   | 50.02 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.04% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 159497   | 45.49 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.98%  |          |
| Target Compounds            |       |      |          |       |         |          |
|                             |       |      |          |       | Qvalue  |          |
| 18) Methyl Acetate          | 2.62  | 43   | 2951     | 0.927 | ug/l #  | 90       |
| 37) Ethyl Acetate           | 4.39  | 43   | 29955    | 8.014 | ug/l    | 100      |
| 51) 4-Methyl-2-Pentanone    | 7.46  | 43   | 7307     | 1.878 | ug/l    | 88       |
| 52) Toluene                 | 7.64  | 92   | 3552     | 0.578 | ug/l    | 94       |
| 68) m/p-Xylenes             | 9.38  | 106  | 3326     | 0.722 | ug/l    | 89       |
| 69) o-Xylene                | 9.78  | 106  | 2422     | 0.525 | ug/l    | 85       |
| 80) 1,3,5-Trimethylbenzene  | 10.77 | 105  | 5177     | 0.544 | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.16 | 105  | 5823     | 0.597 | ug/l    | 96       |

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

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