

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\U121718\  
 Data File : VU028729.D  
 Acq On : 17 Dec 2018 18:44  
 Operator : MD/SY  
 Sample : J6411-19  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EP1-MW-FD-1218

Quant Time: Dec 18 12:01:01 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  | 80527    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.88  | 114  | 143083   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 131638   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 58524    | 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   | 65888    | 53.62 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.24% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 48873    | 54.28 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.56% |          |
| 50) Toluene-d8              | 7.57  | 98   | 189281   | 53.14 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.28% |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 64864    | 48.72 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.44%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 2.32  | 43   | 4557     | 5.683   | ug/l   | 98     |
| 39) Methylcyclohexane      | 6.41  | 83   | 4274     | 2.237   | ug/l   | 96     |
| 67) Ethyl Benzene          | 9.25  | 91   | 23359    | 4.530   | ug/l   | 100    |
| 68) m/p-Xylenes            | 9.38  | 106  | 28608    | 15.247  | ug/l   | 98     |
| 69) o-Xylene               | 9.78  | 106  | 1361     | 0.746   | ug/l   | 67     |
| 73) Isopropylbenzene       | 10.17 | 105  | 954042   | 212.446 | ug/l   | 100    |
| 78) n-propylbenzene        | 10.59 | 91   | 2212543  | 396.500 | ug/l   | 99     |
| 83) tert-Butylbenzene      | 11.10 | 119  | 79318    | 22.137  | ug/l   | 88     |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105  | 1873513  | 489.040 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 11.32 | 105  | 465819   | 101.200 | ug/l   | 100    |
| 86) p-Isopropyltoluene     | 11.48 | 119  | 35259    | 9.018   | ug/l   | 98     |
| 89) n-Butylbenzene         | 11.89 | 91   | 235830   | 59.596  | ug/l # | 81     |
| 95) Naphthalene            | 13.74 | 128  | 9984     | 2.097   | ug/l # | 95     |

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

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