

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\  
 Data File : VW005483.D  
 Acq On : 18 Sep 2018 17:05  
 Operator : SY/AP  
 Sample : J4962-02  
 Misc : 4.90G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 291

Quant Time: Sep 19 16:39:15 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091618S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 15 02:32:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 227102   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 364941   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 349076   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 158752   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 110629   | 46.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 93.86% |          |
| 35) Dibromofluoromethane    | 7.90  | 113  | 1078     | 0.53  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 1.06%  |          |
| 50) Toluene-d8              | 10.33 | 98   | 358776   | 38.29 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 76.58% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 125742   | 36.60 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 73.20% |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 8) Diethyl Ether       | 3.70  | 74   | 1682     | 1.70  | ug/l   | 72     |
| 16) Acetone            | 4.14  | 43   | 19691    | 43.18 | ug/l   | 96     |
| 20) Methylene Chloride | 4.93  | 84   | 16656    | 1.56  | ug/l   | 97     |
| 25) 2-Butanone         | 7.19  | 43   | 4212     | 7.43  | ug/l # | 87     |
| 52) Toluene            | 10.39 | 92   | 6921     | 1.02  | ug/l   | 93     |
| 95) Naphthalene        | 15.38 | 128  | 19535    | 3.76  | ug/l   | 98     |

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

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