

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112118\  
 Data File : VV008697.D  
 Acq On : 21 Nov 2018 13:42  
 Operator : SY/MD  
 Sample : J6026-15DL 40X  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0FM6DL

Quant Time: Nov 22 01:08:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 22 00:36:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 182135   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 164968   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 70482    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 42036    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.00% |
| 7) Chloroethane-d5             | 1.59   | 69    | 32207    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 60617    | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 120609   | 41.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.32%  |
| 24) Chloroform-d               | 4.41   | 84    | 98271    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 49845    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 207092   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 64273    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 184923   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19069    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 78702    | 32.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 65.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 39871    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 60347    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.80%  |

| Target Compounds            |      |    |        |            | Qvalue |
|-----------------------------|------|----|--------|------------|--------|
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 140740 | 6.263 ug/L | 98     |

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

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