

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072118\  
 Data File : VV006681.D  
 Acq On : 21 Jul 2018 12:47  
 Operator : SY/MD  
 Sample : J4078-07  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB3

Quant Time: Jul 22 23:12:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sun Jul 22 23:06:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 224456   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 205809   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 85193    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 84690    | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 107.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 65038    | 6.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 122.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 121186   | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 172259   | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.70% |
| 24) Chloroform-d               | 4.41   | 84    | 145549   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 70058    | 5.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 314033   | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 98028    | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 271462   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 27173    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 138722   | 47.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 63595    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 89223    | 5.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.40% |

| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.20 | 43 | 8319 | 3.17 ug/L | 98     |

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

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