

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072118\  
 Data File : VV006684.D  
 Acq On : 21 Jul 2018 14:09  
 Operator : SY/MD  
 Sample : J4078-11  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AC1

Quant Time: Jul 22 23:18:55 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  | 222449   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 204833   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 86423    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 81336    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 61189    | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 115141   | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 56666    | 16.71    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 33.42%# |
| 24) Chloroform-d               | 4.41   | 84    | 137577   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 67581    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 300269   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 92442    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 260126   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24669    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 124895   | 42.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 61568    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 88460    | 5.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 113.80% |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.19 | 43 | 6391  | 2.46 ug/L   | 99     |
| 21) 2-Butanone   | 4.03 | 43 | 26035 | 5.98 ug/L # | 72     |

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

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