

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\  
 Data File : VV006987.D  
 Acq On : 10 Aug 2018 16:37  
 Operator : SY/MD  
 Sample : J4422-10  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AD2

Quant Time: Aug 11 00:15:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 10 23:13:31 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 222983   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 219640   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 91954    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 64335    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 59961    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 89966    | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 222226   | 53.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.38% |
| 24) Chloroform-d               | 4.41   | 84    | 150304   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 80410    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 272375   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 98587    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 7.37   | 98    | 199899   | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 29446    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 120136   | 43.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 73253    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 81551    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.00% |

| Target Compounds   |      |     |       |            | Ovalue |
|--------------------|------|-----|-------|------------|--------|
| 13) Acetone        | 2.20 | 43  | 25297 | 11.87 ug/L | 99     |
| 15) Methyl Acetate | 2.47 | 43  | 3873  | 0.65 ug/L  | 92     |
| 42) Toluene        | 7.44 | 91  | 35311 | 0.48 ug/L  | 96     |
| 53) m,p-xylene     | 9.19 | 106 | 5750  | 0.21 ug/L  | 97     |

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

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