

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR082418\  
 Data File : VR025641.D  
 Acq On : 24 Aug 2018 18:36  
 Operator : SY/MD  
 Sample : J4643-01  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 H0K10

Quant Time: Aug 25 00:27:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR082118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 24 23:05:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 422983   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 366494   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 102017   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 114651   | 4.16     | ug/L | -0.01    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.20%   |
| 7) Chloroethane-d5             | 2.63   | 69    | 115061   | 4.84     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.80%   |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 217944   | 3.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.00%   |
| 20) 2-Butanone-d5              | 6.59   | 46    | 145143   | 69.18    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 138.36%# |
| 24) Chloroform-d               | 7.20   | 84    | 227929   | 4.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%   |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 86206    | 5.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40%  |
| 32) Benzene-d6                 | 7.86   | 84    | 526290   | 4.39     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 150978   | 4.94     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%   |
| 41) Toluene-d8                 | 9.97   | 98    | 463110   | 4.27     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%   |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 27736    | 3.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.00%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 140184   | 59.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 65850    | 4.67     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.40%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 104767   | 6.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 128.60%# |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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