

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR101218\  
 Data File : VR026055.D  
 Acq On : 12 Oct 2018 11:38  
 Operator : SY/MD  
 Sample : J5315-03  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0J94

Quant Time: Oct 20 03:49:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 13 00:51:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 490673   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 417914   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 141688   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 177740   | 4.59     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.80%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 171993   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.80% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 322377   | 3.55     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.00%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 239778   | 55.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.18% |
| 24) Chloroform-d               | 7.20   | 84    | 323853   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 149109   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 32) Benzene-d6                 | 7.85   | 84    | 605122   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.00%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 176695   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 535394   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 40032    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 189666   | 58.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 116.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 75880    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 115416   | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

| Target Compounds           |       |     |      |              | Qvalue |
|----------------------------|-------|-----|------|--------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67  | 96  | 9482 | 0.308 ug/L # | 77     |
| 47) Tetrachloroethene      | 10.52 | 164 | 4740 | 0.208 ug/L # | 73     |

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

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