

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR101218\  
 Data File : VR026056.D  
 Acq On : 12 Oct 2018 12:12  
 Operator : SY/MD  
 Sample : J5315-16DL 10000X  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0JA7DL

Quant Time: Oct 13 01:16:08 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  | 516061   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 436310   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 145866   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 158505   | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.80%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 162335   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.60%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 308755   | 3.23     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.60%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 236427   | 52.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.22% |
| 24) Chloroform-d               | 7.20   | 84    | 306168   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 141045   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%  |
| 32) Benzene-d6                 | 7.85   | 84    | 574886   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.20%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 168726   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 498411   | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 73.00%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 37787    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 177641   | 52.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 72121    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 107702   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.20%  |

| Target Compounds           |      |    |        |              | Qvalue |
|----------------------------|------|----|--------|--------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67 | 96 | 23637  | 0.729 ug/L # | 97     |
| 34) Trichloroethene        | 8.71 | 95 | 450229 | 11.676 ug/L  | 95     |

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

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