

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR091418\  
 Data File : VR025737.D  
 Acq On : 14 Sep 2018 19:13  
 Operator : SY/MD  
 Sample : J4887-16  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0KS3

Quant Time: Sep 15 04:09:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 15 03:08:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 648483   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 549020   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 160522   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 153816   | 5.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.00%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 129263   | 5.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.00%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 286949   | 3.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.40%   |
| 20) 2-Butanone-d5              | 6.59   | 46    | 116125   | 40.80    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 81.60%   |
| 24) Chloroform-d               | 7.20   | 84    | 312791   | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%   |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 106037   | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%   |
| 32) Benzene-d6                 | 7.85   | 84    | 722609   | 4.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 189171   | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%   |
| 41) Toluene-d8                 | 9.97   | 98    | 623809   | 4.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%   |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 34719    | 3.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 70.40%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 128183   | 43.43    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.86%   |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 78985    | 4.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.40%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 136959   | 6.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 120.40%# |

| Target Compounds    |      |    |       |             | Qvalue |
|---------------------|------|----|-------|-------------|--------|
| 21) 2-Butanone      | 6.69 | 43 | 69646 | 17.206 ug/L | 100    |
| 34) Trichloroethene | 8.71 | 95 | 19733 | 0.416 ug/L  | 83     |

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

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