

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\  
 Data File : VR025706.D  
 Acq On : 12 Sep 2018 21:43  
 Operator : SY/MD  
 Sample : J4863-12  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0KP4

Quant Time: Sep 13 05:00:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 13 03:48:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 554174   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 486118   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 151229   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 100581   | 4.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.40%   |
| 7) Chloroethane-d5             | 2.63   | 69    | 94667    | 4.80     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.00%   |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 222004   | 3.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.40%   |
| 20) 2-Butanone-d5              | 6.60   | 46    | 116930   | 48.08    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.16%   |
| 24) Chloroform-d               | 7.20   | 84    | 271425   | 4.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%   |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 96777    | 5.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.60%  |
| 32) Benzene-d6                 | 7.86   | 84    | 615119   | 4.68     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 177896   | 5.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 554814   | 4.42     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%   |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 33523    | 3.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.80%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 157413   | 60.24    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 120.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 77820    | 5.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 134055   | 6.25     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 125.00%# |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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