

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\  
 Data File : VR025722.D  
 Acq On : 13 Sep 2018 19:51  
 Operator : SY/MD  
 Sample : J4887-05  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0KQ6

Quant Time: Sep 14 08:32:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 14 06:42:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 729909   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 615828   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 190629   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 199993   | 6.30     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 126.00%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 161803   | 6.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 124.60%  |
| 11) 1,1-Dichloroethene-d2      | 3.64   | 63    | 345510   | 3.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.60%   |
| 20) 2-Butanone-d5              | 6.60   | 46    | 153562   | 47.94    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.88%   |
| 24) Chloroform-d               | 7.20   | 84    | 364197   | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 127953   | 5.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.00%  |
| 32) Benzene-d6                 | 7.86   | 84    | 880004   | 5.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 238006   | 5.31     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 801066   | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 46620    | 4.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 163290   | 49.33    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.66%   |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 94428    | 4.81     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.20%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 179411   | 6.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 132.80%# |

| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 19) 1,1-Dichloroethane | 5.69 | 63 | 26901 | 0.30 ug/L | 99     |

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

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