

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV100418\  
 Data File : VV008068.D  
 Acq On : 04 Oct 2018 18:18  
 Operator : SY/MD  
 Sample : J5258-04  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESN9

Quant Time: Oct 05 06:24:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 05 05:56:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 90158    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 85667    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 42083    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 18396    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 17533    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 30062    | 2.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 55.00%# |
| 20) 2-Butanone-d5              | 3.97   | 46    | 68916    | 47.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.82%  |
| 24) Chloroform-d               | 4.41   | 84    | 48714    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 26831    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 91602    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 30627    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 82912    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10148    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 45303    | 41.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 21512    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 36909    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.60%  |

| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.22 | 43 | 7559 | 7.136 ug/L | 98     |

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

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