

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\  
 Data File : VV007671.D  
 Acq On : 20 Sep 2018 22:47  
 Operator : SY/MD  
 Sample : J4989-09  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ET0S1

Quant Time: Sep 21 03:48:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 21 03:27:29 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 109310   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 99398    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 53900    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 17587    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 19201    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 34711    | 2.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.20%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 52889    | 46.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.30%  |
| 24) Chloroform-d               | 4.41   | 84    | 45001    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 23562    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 87039    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 25814    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 87362    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 8935     | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 35993    | 39.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 20915    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 39273    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.20%  |

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

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

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