

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\  
 Data File : VV007675.D  
 Acq On : 21 Sep 2018 00:37  
 Operator : SY/MD  
 Sample : J4990-03  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0T05

Quant Time: Sep 21 03:57:52 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  | 108883   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 98976    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 51443    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 18201    | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 19294    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 33850    | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.00%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 52047    | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.18%  |
| 24) Chloroform-d               | 4.41   | 84    | 46616    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 23682    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 88842    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 25779    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 87396    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9029     | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 37432    | 41.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 20518    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 39241    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.40%  |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.21 | 43 | 11499 | 10.456 ug/L | 94     |

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

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