

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091418\  
 Data File : VV007546.D  
 Acq On : 15 Sep 2018 01:43  
 Operator : SY/MD  
 Sample : J4888-13  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KW8

Quant Time: Sep 15 04:31:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 15 02:08:52 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 107079   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 91473    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 40963    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23807    | 4.26     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 25619    | 5.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 40685    | 3.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.00%   |
| 20) 2-Butanone-d5              | 3.98   | 46    | 56593    | 72.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 145.08%# |
| 24) Chloroform-d               | 4.41   | 84    | 51226    | 4.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 26699    | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%   |
| 32) Benzene-d6                 | 5.10   | 84    | 101934   | 4.91     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%   |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 29934    | 4.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%   |
| 41) Toluene-d8                 | 7.36   | 98    | 94166    | 4.36     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10421    | 3.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.80%   |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 29774    | 65.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 130.32%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 19638    | 4.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.80%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 35153    | 4.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.80%   |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 1827 | 0.315 ug/L | 95     |

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

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