

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091518\  
 Data File : VV007570.D  
 Acq On : 15 Sep 2018 17:32  
 Operator : SY/MD  
 Sample : J4887-19  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KS7

Quant Time: Sep 17 02:33:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 17 01:45:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 120778   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 107016   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 56057    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                  |        |       |          |          |      |         |
|----------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3             | 1.32   | 65    | 25602    | 4.06     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 40 - 130 | Recovery | =    | 81.20%  |
| 7) Chloroethane-d5               | 1.59   | 69    | 24104    | 4.56     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 65 - 130 | Recovery | =    | 91.20%  |
| 11) 1,1-Dichloroethene-d2        | 2.14   | 63    | 56231    | 4.28     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 60 - 125 | Recovery | =    | 85.60%  |
| 20) 2-Butanone-d5                | 3.97   | 46    | 49188    | 55.90    | ug/L | 0.00    |
| Spiked Amount                    | 50.000 | Range | 40 - 130 | Recovery | =    | 111.80% |
| 24) Chloroform-d                 | 4.41   | 84    | 58535    | 4.52     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 26) 1,2-Dichloroethane-d4        | 5.09   | 65    | 30402    | 4.79     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 70 - 130 | Recovery | =    | 95.80%  |
| 32) Benzene-d6                   | 5.10   | 84    | 119323   | 4.91     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 36) 1,2-Dichloropropane-d6       | 6.13   | 67    | 35237    | 4.87     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 60 - 140 | Recovery | =    | 97.40%  |
| 41) Toluene-d8                   | 7.36   | 98    | 121207   | 4.80     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 43) trans-1,3-Dichloropropene-   | 7.67   | 79    | 14202    | 4.24     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 55 - 130 | Recovery | =    | 84.80%  |
| 46) 2-Hexanone-d5                | 8.15   | 63    | 22490    | 42.07    | ug/L | 0.00    |
| Spiked Amount                    | 50.000 | Range | 45 - 130 | Recovery | =    | 84.14%  |
| 57) 1,1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 22293    | 4.41     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 65 - 120 | Recovery | =    | 88.20%  |
| 64) 1,2-Dichlorobenzene-d4       | 11.68  | 152   | 50963    | 4.97     | ug/L | 0.00    |
| Spiked Amount                    | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |

| Target Compounds           |      |    |        |            | Ovalue |
|----------------------------|------|----|--------|------------|--------|
| 12) 1,1-Dichloroethene     | 2.14 | 96 | 22631  | 3.69 ug/L  | # 80   |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 17234  | 2.62 ug/L  | 85     |
| 29) 1,1,1-Trichloroethane  | 4.66 | 97 | 6859   | 0.66 ug/L  | 98     |
| 34) Trichloroethene        | 5.96 | 95 | 304666 | 44.95 ug/L | 98     |

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

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