

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV100418\  
 Data File : VV008074.D  
 Acq On : 04 Oct 2018 21:02  
 Operator : SY/MD  
 Sample : J5246-08  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0J76

Quant Time: Oct 05 06:39:05 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  | 80640    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 78408    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 38964    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 16933    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 16167    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 46223    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 94.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 69754    | 53.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.30% |
| 24) Chloroform-d               | 4.41   | 84    | 47026    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 25626    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 85717    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 29403    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 77413    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9455     | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 46215    | 45.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 21227    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 34797    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.20%  |

## Target Compounds

|                            |      |     |        |             | Qvalue |
|----------------------------|------|-----|--------|-------------|--------|
| 12) 1,1-Dichloroethene     | 2.14 | 96  | 35386  | 6.639 ug/L  | 90     |
| 19) 1,1-Dichloroethane     | 3.23 | 63  | 5229   | 0.522 ug/L  | 97     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96  | 117418 | 19.736 ug/L | 96     |
| 25) Chloroform             | 4.44 | 83  | 3327   | 0.307 ug/L  | 89     |
| 29) 1,1,1-Trichloroethane  | 4.67 | 97  | 2249   | 0.239 ug/L  | 92     |
| 31) Carbon tetrachloride   | 4.88 | 117 | 2767   | 0.333 ug/L  | 100    |
| 34) Trichloroethene        | 5.96 | 95  | 111105 | 17.282 ug/L | 95     |
| 47) Tetrachloroethene      | 8.02 | 164 | 76934  | 12.914 ug/L | 98     |

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

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