

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV111718\  
 Data File : VV008606.D  
 Acq On : 17 Nov 2018 01:54  
 Operator : SY/MD  
 Sample : J5947-07  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9C07

Quant Time: Nov 17 06:00:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 17 05:41:19 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 158042   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 145393   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 62997    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 33953    | 4.84     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.80% |
| 7) Chloroethane-d5             | 1.59   | 69    | 27923    | 4.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.60% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 50363    | 3.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 121808   | 48.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.98% |
| 24) Chloroform-d               | 4.41   | 84    | 87381    | 4.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 46456    | 4.76     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 183215   | 4.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 57571    | 4.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 164303   | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 18527    | 3.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 98090    | 46.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 38616    | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 56733    | 4.99     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80% |

| Target Compounds      |      |     |      |            | Qvalue |
|-----------------------|------|-----|------|------------|--------|
| 30) Cyclohexane       | 4.72 | 56  | 5946 | 0.291 ug/L | 97     |
| 47) Tetrachloroethene | 8.02 | 164 | 8931 | 1.013 ug/L | 96     |

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

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