

Data File : VV006296.D  
Acq On : 15 Jun 2018 22:41  
Operator : SY/MD  
Sample : J3550-13  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
ESWG4

Quant Time: Jun 16 01:06:42 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jun 16 00:57:31 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 279879   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 250798   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 113576   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 82639    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 108.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 69757    | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 114.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 114617   | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 197708   | 60.91    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.82% |
| 24) Chloroform-d               | 4.41   | 84    | 152366   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 78923    | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.40% |
| 32) Benzene-d6                 | 5.11   | 84    | 323768   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 98280    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.40% |
| 41) Toluene-d8                 | 7.37   | 98    | 293697   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 33307    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 169317   | 48.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 65924    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 108781   | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.40% |

| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.25 | 50 | 3617  | 0.203 ug/L | 98     |
| 6) Bromomethane  | 1.54 | 94 | 4737  | 0.413 ug/L | 100    |
| 13) Acetone      | 2.21 | 43 | 13811 | 7.853 ug/L | 93     |
| 21) 2-Butanone   | 4.04 | 43 | 29446 | 9.203 ug/L | 96     |

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

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