

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\  
 Data File : VV006327.D  
 Acq On : 16 Jun 2018 18:09  
 Operator : SY/MD  
 Sample : J3549-14  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWE9

Quant Time: Jun 18 02:00:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 18 01:15:51 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 295468   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 265020   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 119533   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 67106    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 58662    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 93012    | 2.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.40%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 191959   | 56.02    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.04% |
| 24) Chloroform-d               | 4.41   | 84    | 134312   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 70135    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 32) Benzene-d6                 | 5.11   | 84    | 282056   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 87636    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.60%  |
| 41) Toluene-d8                 | 7.37   | 98    | 254575   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 27623    | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 64.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 152253   | 41.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 61536    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 101082   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 9721  | 5.235 ug/L | 97     |
| 42) Toluene      | 7.44 | 91 | 34027 | 0.422 ug/L | 100    |

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

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