

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\  
 Data File : VV006319.D  
 Acq On : 16 Jun 2018 14:33  
 Operator : SY/MD  
 Sample : J3549-06  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWE1

Quant Time: Jun 18 01:43:20 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  | 300006   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 271126   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 121810   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72721    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 62846    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 101313   | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.60%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 202050   | 58.08    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 116.16% |
| 24) Chloroform-d               | 4.41   | 84    | 144610   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 75080    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 5.11   | 84    | 299149   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 92671    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%  |
| 41) Toluene-d8                 | 7.37   | 98    | 268917   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 29443    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 67.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 161412   | 42.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.30%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 64616    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 104988   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 12292 | 6.520 ug/L | 92     |
| 21) 2-Butanone   | 4.04 | 43 | 9039  | 2.635 ug/L | 90     |

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

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