

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\  
 Data File : VV006315.D  
 Acq On : 16 Jun 2018 12:45  
 Operator : SY/MD  
 Sample : J3549-02  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWD7

Quant Time: Jun 18 01:31:16 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  | 319338   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 286322   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 130913   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 69795    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 60547    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 97069    | 2.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.20%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 188199   | 50.82    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.64% |
| 24) Chloroform-d               | 4.41   | 84    | 135767   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 69722    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 32) Benzene-d6                 | 5.11   | 84    | 279608   | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 86977    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00%  |
| 41) Toluene-d8                 | 7.37   | 98    | 254606   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 29018    | 3.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 152032   | 38.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 76.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 60434    | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 80.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 100589   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.60%  |

| Target Compounds    |      |    |        |            | Ovalue |
|---------------------|------|----|--------|------------|--------|
| 13) Acetone         | 2.20 | 43 | 13230  | 6.593 ug/L | 93     |
| 34) Trichloroethene | 5.96 | 95 | 123352 | 5.725 ug/L | 98     |

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

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