

Data File : VV006282.D  
Acq On : 15 Jun 2018 15:08  
Operator : SY/MD  
Sample : J3397-06 2000X  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BEXT5

Quant Time: Jun 16 00:33:38 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 15 23:47:49 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 304609   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 276423   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 126567   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 88227    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 72722    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 127843   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.00%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 191736   | 54.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.56% |
| 24) Chloroform-d               | 4.41   | 84    | 156042   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 80234    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 32) Benzene-d6                 | 5.11   | 84    | 340936   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 99781    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00% |
| 41) Toluene-d8                 | 7.37   | 98    | 322621   | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 37311    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 167045   | 43.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 64873    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 117255   | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.80% |

#### Target Compounds

|                            |       |     |         |             | Qvalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 5) Vinyl chloride          | 1.32  | 62  | 30898   | 1.315 ug/L  | 93     |
| 13) Acetone                | 2.22  | 43  | 4509    | 2.356 ug/L  | 90     |
| 19) 1,1-Dichloroethane     | 3.23  | 63  | 11669   | 0.364 ug/L  | 95     |
| 22) cis-1,2-Dichloroethene | 3.97  | 96  | 379960  | 18.412 ug/L | # 98   |
| 33) Benzene                | 5.15  | 78  | 1621509 | 21.277 ug/L | 100    |
| 42) Toluene                | 7.44  | 91  | 4644882 | 55.215 ug/L | 98     |
| 51) Chlorobenzene          | 8.93  | 112 | 558703  | 10.345 ug/L | 99     |
| 52) Ethylbenzene           | 9.06  | 91  | 92248   | 0.984 ug/L  | 99     |
| 53) m,p-xylene             | 9.19  | 106 | 143562  | 3.926 ug/L  | 100    |
| 54) o-xylene               | 9.59  | 106 | 40679   | 1.138 ug/L  | 98     |
| 63) 1,4-Dichlorobenzene    | 11.32 | 146 | 8221    | 0.208 ug/L  | 96     |

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

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