

Data File : VV006285.D  
Acq On : 15 Jun 2018 16:59  
Operator : SY/MD  
Sample : J3397-05DL 8000X  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BEXT4DL

Quant Time: Jun 16 00:42:44 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  | 382542   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 343744   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 153660   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72164    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 61478    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 73.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 106404   | 2.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 52.40%# |
| 20) 2-Butanone-d5              | 3.97   | 46    | 162361   | 36.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 73.20%  |
| 24) Chloroform-d               | 4.41   | 84    | 129318   | 3.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 64.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 66631    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 68.20%# |
| 32) Benzene-d6                 | 5.10   | 84    | 280016   | 3.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 67.80%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 83993    | 3.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 67.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 264997   | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 67.20%# |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 29812    | 2.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 53.60%# |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 136701   | 28.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 56.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 53803    | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 59.80%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 97068    | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 72.80%# |

#### Target Compounds

|                            |      |     |         |              | Qvalue |
|----------------------------|------|-----|---------|--------------|--------|
| 5) Vinyl chloride          | 1.32 | 62  | 16786   | 0.569 ug/L   | 98     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96  | 102405  | 3.951 ug/L # | 99     |
| 33) Benzene                | 5.15 | 78  | 798637  | 8.427 ug/L   | 100    |
| 42) Toluene                | 7.43 | 91  | 1205071 | 11.520 ug/L  | 100    |
| 51) Chlorobenzene          | 8.93 | 112 | 218156  | 3.248 ug/L   | 99     |
| 52) Ethylbenzene           | 9.06 | 91  | 29911   | 0.257 ug/L   | 100    |
| 53) m,p-xylene             | 9.18 | 106 | 40492   | 0.891 ug/L   | 98     |
| 54) o-xylene               | 9.59 | 106 | 11555   | 0.260 ug/L   | 100    |

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

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