

Data File : VR026206.D  
Acq On : 7 Nov 2018 17:02  
Operator : SY/MD  
Sample : J5801-06DL 5X  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
F9D05DL

Quant Time: Nov 13 01:22:59 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Nov 07 12:50:17 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 664846   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 543229   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 210316   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 168888   | 2.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 58.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 177703   | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 71.00%  |
| 11) 1,1-Dichloroethene-d2      | 3.61   | 63    | 342259   | 2.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 48.00%# |
| 20) 2-Butanone-d5              | 6.58   | 46    | 228709   | 47.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.76%  |
| 24) Chloroform-d               | 7.20   | 84    | 335719   | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 147268   | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.60%  |
| 32) Benzene-d6                 | 7.85   | 84    | 662526   | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.00%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 179538   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 79.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 579456   | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 70.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 40877    | 3.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 163208   | 47.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 76514    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 144966   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 87.20%  |

#### Target Compounds

|                            |       |     |        |              | Qvalue |
|----------------------------|-------|-----|--------|--------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67  | 96  | 12668  | 0.274 ug/L # | 91     |
| 30) Cyclohexane            | 7.52  | 56  | 93854  | 1.260 ug/L   | 96     |
| 33) Benzene                | 7.91  | 78  | 131066 | 0.643 ug/L   | 100    |
| 35) Methylcyclohexane      | 8.95  | 83  | 77079  | 0.992 ug/L   | 95     |
| 51) Chlorobenzene          | 11.32 | 112 | 704053 | 5.912 ug/L   | 99     |
| 52) Ethylbenzene           | 11.39 | 91  | 974911 | 3.941 ug/L   | 99     |
| 53) m,p-Xylene             | 11.50 | 106 | 477046 | 5.293 ug/L   | 94     |
| 54) o-Xylene               | 11.83 | 106 | 85420  | 1.034 ug/L   | 100    |
| 56) Isopropylbenzene       | 12.13 | 105 | 70530  | 0.307 ug/L   | 98     |
| 62) 1,3-Dichlorobenzene    | 13.16 | 146 | 6977   | 0.100 ug/L   | 95     |
| 63) 1,4-Dichlorobenzene    | 13.24 | 146 | 25377  | 0.351 ug/L   | 95     |
| 65) 1,2-Dichlorobenzene    | 13.53 | 146 | 73970  | 1.319 ug/L   | 96     |

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

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