

Data File : VU028260.D  
Acq On : 19 Nov 2018 17:38  
Operator : MD/SY  
Sample : J5986-04DL 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H0FG8DL

Quant Time: Nov 26 04:33:59 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Nov 20 07:07:24 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 129806   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 121984   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 54811    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 41963    | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 38072    | 4.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.20% |
| 11) 1,1-Dichloroethene-d2      | 2.28   | 63    | 62535    | 3.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40% |
| 20) 2-Butanone-d5              | 4.19   | 46    | 148108   | 45.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.62% |
| 24) Chloroform-d               | 4.65   | 84    | 78267    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 44855    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00% |
| 32) Benzene-d6                 | 5.34   | 84    | 157534   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.80% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 58825    | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.20% |
| 41) Toluene-d8                 | 7.57   | 98    | 134759   | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 16729    | 4.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 103560   | 42.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 41458    | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 47115    | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.40% |

#### Target Compounds

|                              |      |    |       |              | Qvalue |
|------------------------------|------|----|-------|--------------|--------|
| 5) Vinyl chloride            | 1.40 | 62 | 6640  | 0.504 ug/L # | 37     |
| 17) Methyl tert-butyl Ether  | 3.01 | 73 | 15927 | 0.663 ug/L   | 95     |
| 18) trans-1,2-Dichloroethene | 2.98 | 96 | 2346  | 0.276 ug/L # | 67     |
| 22) cis-1,2-Dichloroethene   | 4.23 | 96 | 71820 | 7.138 ug/L   | 93     |
| 34) Trichloroethene          | 6.19 | 95 | 14486 | 1.470 ug/L   | 92     |

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

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