

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111918\  
 Data File : VU028263.D  
 Acq On : 19 Nov 2018 18:49  
 Operator : MD/SY  
 Sample : J5986-06DL 20X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0FH0DL

Quant Time: Nov 20 08:19:07 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  | 132037   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 128337   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 54315    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 42213    | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 39100    | 4.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.20% |
| 11) 1,1-Dichloroethene-d2      | 2.28   | 63    | 63392    | 3.21     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.20% |
| 20) 2-Butanone-d5              | 4.20   | 46    | 149872   | 45.08    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.16% |
| 24) Chloroform-d               | 4.65   | 84    | 79481    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 45046    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00% |
| 32) Benzene-d6                 | 5.34   | 84    | 159938   | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 60626    | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.40% |
| 41) Toluene-d8                 | 7.57   | 98    | 136865   | 4.14     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.80% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 16811    | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.40% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 104156   | 40.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 44024    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 48182    | 4.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.40% |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride          | 1.40 | 62 | 31915 | 2.381 ug/L | 88     |
| 22) cis-1,2-Dichloroethene | 4.23 | 96 | 84393 | 8.246 ug/L | 93     |

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

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