

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021619\  
 Data File : VU029503.D  
 Acq On : 15 Feb 2019 18:08  
 Operator : JC/SP  
 Sample : K1438-12DL 4X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ESXD4DL

Quant Time: Feb 20 04:49:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Feb 16 00:13:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 193621   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 186326   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 97968    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 62796    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 63569    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.60% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 106560   | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.40%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 137461   | 50.82    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.64% |
| 24) Chloroform-d               | 4.65   | 84    | 103743   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 56983    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.40% |
| 32) Benzene-d6                 | 5.34   | 84    | 233507   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 69812    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 232072   | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.00% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 28884    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 144357   | 53.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.04% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 59306    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 101430   | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.20% |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 22) cis-1,2-Dichloroethene | 4.22 | 96 | 83647 | 5.352 ug/L | 98     |

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

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