

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\  
 Data File : VU032108.D  
 Acq On : 17 May 2019 18:12  
 Operator : JC/SP  
 Sample : K2850-09DL 4X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W09DL

Quant Time: May 18 05:07:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 18 04:08:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 369361   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 370590   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 150485   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 122085   | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40% |
| 7) Chloroethane-d5             | 1.68   | 69    | 102189   | 3.84     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 76.80% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 172467   | 3.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60% |
| 20) 2-Butanone-d5              | 4.20   | 46    | 278128   | 45.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.06% |
| 24) Chloroform-d               | 4.64   | 84    | 234624   | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 120349   | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.20% |
| 32) Benzene-d6                 | 5.33   | 84    | 474145   | 4.19     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 138852   | 4.20     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00% |
| 41) Toluene-d8                 | 7.56   | 98    | 386407   | 3.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.60% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 47632    | 4.00     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.00% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 242318   | 45.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.22% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 126070   | 4.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 147775   | 4.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60% |

| Target Compounds            |      |    |        |            | Ovalue |
|-----------------------------|------|----|--------|------------|--------|
| 13) Acetone                 | 2.34 | 43 | 5889   | 2.937 ug/L | 96     |
| 17) Methyl tert-butyl Ether | 3.00 | 73 | 180405 | 5.173 ug/L | 96     |

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

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