

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\  
 Data File : VU032135.D  
 Acq On : 18 May 2019 06:16  
 Operator : JC/SP  
 Sample : K2860-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W37

Quant Time: May 20 05:03:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon May 20 04:57:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 348584   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 352343   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 142307   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 107370   | 3.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 94159    | 3.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 75.00% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 152947   | 3.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40% |
| 20) 2-Butanone-d5              | 4.20   | 46    | 230614   | 40.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 80.00% |
| 24) Chloroform-d               | 4.64   | 84    | 215268   | 4.17     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 110976   | 4.17     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 432155   | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 128240   | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 81.60% |
| 41) Toluene-d8                 | 7.56   | 98    | 353174   | 3.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.60% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 40604    | 3.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 71.80% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 199050   | 38.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 77.94% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 109298   | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 136172   | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40% |

## Target Compounds

| Target Compounds      | R.T. | QIon | Response | Conc   | Units | Ovalue |
|-----------------------|------|------|----------|--------|-------|--------|
| 13) Acetone           | 2.33 | 43   | 52436    | 27.707 | ug/L  | 97     |
| 34) Trichloroethene   | 6.18 | 95   | 23540    | 1.604  | ug/L  | 88     |
| 42) Toluene           | 7.64 | 91   | 9396     | 0.166  | ug/L  | 86     |
| 47) Tetrachloroethene | 8.22 | 164  | 25544    | 2.328  | ug/L  | 90     |

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

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