

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060719\  
 Data File : VU032538.D  
 Acq On : 07 Jun 2019 13:13  
 Operator : JC/SP  
 Sample : K3215-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Jun 07 23:46:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 07 22:19:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 206862   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 191177   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 100626   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 54330    | 40.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.96% |
| 7) Chloroethane-d5             | 1.68    | 69    | 47346    | 43.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.80% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 84833    | 32.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.56% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 105315   | 93.77    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.77% |
| 24) Chloroform-d               | 4.64    | 84    | 114277   | 45.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.30% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 76298    | 48.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.78% |
| 32) Benzene-d6                 | 5.33    | 84    | 234229   | 47.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.38% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 74404    | 47.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.62% |
| 41) Toluene-d8                 | 7.56    | 98    | 215286   | 45.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.50% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 35181    | 47.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.48% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 71523    | 94.75    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.75% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 105931   | 46.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.96% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 94067    | 48.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.62% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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