

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\  
 Data File : VU025505.D  
 Acq On : 18 Jul 2018 18:44  
 Operator : MD/SY  
 Sample : J4024-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB1P3

Quant Time: Jul 19 01:56:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 19 01:07:14 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 317919   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 288117   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 131776   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 59425    | 39.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.28% |
| 7) Chloroethane-d5             | 1.68    | 69    | 57411    | 44.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.90% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 107585   | 32.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.36% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 148854   | 93.30    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.30% |
| 24) Chloroform-d               | 4.65    | 84    | 172896   | 44.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.92% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 123249   | 46.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.14% |
| 32) Benzene-d6                 | 5.35    | 84    | 326999   | 46.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.94% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 109828   | 47.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.26% |
| 41) Toluene-d8                 | 7.57    | 98    | 301842   | 44.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.58% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 52328    | 43.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.20% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 107399   | 89.84    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 157715   | 46.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.14% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 126849   | 48.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.08% |

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

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

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