

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\  
 Data File : VU033228.D  
 Acq On : 12 Jul 2019 17:45  
 Operator : JC/SP  
 Sample : K3724-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: Jul 13 00:57:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 13 00:05:57 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 302325   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 298298   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 135412   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 103245   | 45.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.22%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 92916    | 47.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.04%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 139105   | 33.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.02%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 144857   | 99.89    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.89%  |
| 24) Chloroform-d               | 4.62    | 84    | 176421   | 46.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 121779   | 49.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.02%  |
| 32) Benzene-d6                 | 5.32    | 84    | 365636   | 49.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.94%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 119359   | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.84% |
| 41) Toluene-d8                 | 7.55    | 98    | 326377   | 47.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.60%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 54807    | 47.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.36%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 110590   | 104.65   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.65% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 174337   | 49.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 125142   | 51.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.64% |

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

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

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