

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\  
 Data File : VU033464.D  
 Acq On : 26 Jul 2019 19:22  
 Operator : JC/SP  
 Sample : K3976-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 27 05:38:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 01:57:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 268430   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 277774   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 119836   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 92201    | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.74%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 92041    | 53.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.04% |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 134647   | 36.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.06%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 153517   | 119.23   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 119.23% |
| 24) Chloroform-d               | 4.62    | 84    | 173315   | 50.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.78% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 121551   | 55.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.30% |
| 32) Benzene-d6                 | 5.32    | 84    | 344114   | 50.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 117723   | 53.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.86% |
| 41) Toluene-d8                 | 7.55    | 98    | 299451   | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.20%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 48263    | 45.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.18%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 106905   | 108.64   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 182443   | 55.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 110.44% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 120270   | 56.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.56% |

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

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

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