

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\  
 Data File : VU033448.D  
 Acq On : 26 Jul 2019 13:15  
 Operator : JC/SP  
 Sample : K3976-18  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CC9

Quant Time: Jul 27 04:00:53 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  | 268799   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 275190   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 119779   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 103367   | 50.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.60% |
| 7) Chloroethane-d5             | 1.67    | 69    | 93879    | 54.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 108.02% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 139347   | 37.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.50%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 147093   | 114.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.09% |
| 24) Chloroform-d               | 4.62    | 84    | 180513   | 52.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.88% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 120462   | 55.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.16% |
| 32) Benzene-d6                 | 5.32    | 84    | 357893   | 53.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.02% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 116852   | 54.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 108.06% |
| 41) Toluene-d8                 | 7.55    | 98    | 314821   | 49.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.90%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 50667    | 47.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.56%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 100278   | 102.86   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 176255   | 53.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.70% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 123015   | 57.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.18% |

| Target Compounds        |       |     |       |             | Ovalue |
|-------------------------|-------|-----|-------|-------------|--------|
| 13) Acetone             | 2.31  | 43  | 24481 | 15.197 ug/L | 99     |
| 51) Chlorobenzene       | 9.10  | 112 | 5318  | 0.942 ug/L  | 96     |
| 65) 1,2-Dichlorobenzene | 11.86 | 146 | 3891  | 1.029 ug/L  | 88     |

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

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