

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\  
 Data File : VU033404.D  
 Acq On : 25 Jul 2019 12:49  
 Operator : JC/SP  
 Sample : K3957-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2A11

Quant Time: Jul 26 05:23:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 04:32:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 275069   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 281268   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 118237   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 81776    | 39.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.54%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 81629    | 45.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.78%  |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 124608   | 32.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.98%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 133253   | 101.00   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.00% |
| 24) Chloroform-d               | 4.62    | 84    | 164888   | 47.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 112536   | 50.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.56% |
| 32) Benzene-d6                 | 5.32    | 84    | 313921   | 45.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 108366   | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.06%  |
| 41) Toluene-d8                 | 7.55    | 98    | 277193   | 42.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.20%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 47190    | 43.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.08%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 92205    | 92.53    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.53%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 166308   | 49.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 111568   | 52.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.82% |

| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.31 | 43 | 9647  | 5.852 ug/L  | 98     |
| 34) Trichloroethene | 6.16 | 95 | 27025 | 12.598 ug/L | 97     |

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

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