

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\  
 Data File : VU035679.D  
 Acq On : 07 Nov 2019 22:49  
 Operator : JC/SP  
 Sample : K5697-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB4

Quant Time: Nov 08 07:46:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 08 06:13:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 678650   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 659217   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 190399   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 261515   | 47.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.42%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 216780   | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.04%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 307889   | 36.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.24%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 312617   | 97.64    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.64%  |
| 24) Chloroform-d               | 5.11    | 84    | 409294   | 48.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.70%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 259405   | 50.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.04% |
| 32) Benzene-d6                 | 5.77    | 84    | 874673   | 50.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.80% |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 279375   | 50.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.28% |
| 41) Toluene-d8                 | 7.93    | 98    | 782354   | 48.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.54%  |
| 43) trans-1,3-Dichloropropene- | 8.22    | 79    | 117833   | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.82%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 195165   | 91.38    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.38%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 371544   | 46.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 202373   | 52.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.40% |

| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 2.67 | 43 | 4585 | 1.628 ug/L 86 |

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

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