

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111219\  
 Data File : VU035697.D  
 Acq On : 12 Nov 2019 15:53  
 Operator : JC/SP  
 Sample : K5798-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFLW1

Quant Time: Nov 13 01:35:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 13 00:43:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 690854   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 660244   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 189448   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 252455   | 45.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.50%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 216656   | 48.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 309459   | 35.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.32%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 312874   | 95.99    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.99%  |
| 24) Chloroform-d               | 5.11    | 84    | 418446   | 48.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.12%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 260730   | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.78%  |
| 32) Benzene-d6                 | 5.77    | 84    | 906197   | 52.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.30% |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 290351   | 52.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.04% |
| 41) Toluene-d8                 | 7.93    | 98    | 814041   | 50.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.30% |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 129938   | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.08% |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 203258   | 95.02    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 385552   | 48.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 207606   | 54.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.66% |

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

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

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