

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\  
 Data File : VU030697.D  
 Acq On : 04 Apr 2019 20:56  
 Operator : JC/SP  
 Sample : K2166-02ME  
 Misc : 5.96g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF104ME

Quant Time: Apr 05 02:40:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 05 02:15:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 440351   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 436999   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 202377   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 168420   | 42.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.70%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 117622   | 39.42    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 248497   | 34.95    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.90%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 301597   | 96.81    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.81%  |
| 24) Chloroform-d               | 4.64    | 84    | 265316   | 44.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.36%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 193030   | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.22%  |
| 32) Benzene-d6                 | 5.33    | 84    | 578744   | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.74%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 202594   | 46.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.68%  |
| 41) Toluene-d8                 | 7.56    | 98    | 495718   | 43.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.68%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 86584    | 43.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.86%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 219573   | 109.88   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 295349   | 50.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.16% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 190095   | 47.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.52%  |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.22 | 164 | 33943 | 13.311 ug/L | 96     |

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

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