

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\  
 Data File : VU030103.D  
 Acq On : 15 Mar 2019 12:08  
 Operator : JC/SP  
 Sample : K1918-07DL 10X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C09G6DL

Quant Time: Mar 16 00:26:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 457636   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 442907   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 212932   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 97682    | 32.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.54%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 92801    | 37.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.96%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 152780   | 27.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.92%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 235224   | 103.72   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 103.72% |
| 24) Chloroform-d               | 4.65    | 84    | 249876   | 46.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 152885   | 48.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.48%  |
| 32) Benzene-d6                 | 5.34    | 84    | 514231   | 45.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 170367   | 48.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.66%  |
| 41) Toluene-d8                 | 7.56    | 98    | 467609   | 43.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 75129    | 44.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.90%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 197035   | 100.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 267001   | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 207381   | 50.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.56% |

## Target Compounds

|                         |       |     |        |             | Ovalue |
|-------------------------|-------|-----|--------|-------------|--------|
| 33) Benzene             | 5.39  | 78  | 241528 | 19.057 ug/L | 100    |
| 51) Chlorobenzene       | 9.12  | 112 | 551647 | 59.380 ug/L | 99     |
| 63) 1,4-Dichlorobenzene | 11.50 | 146 | 22103  | 3.161 ug/L  | 95     |

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

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