

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\  
 Data File : VU037311.D  
 Acq On : 17 Mar 2020 13:04  
 Operator : JC/MD  
 Sample : L1901-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0NE9

Quant Time: Mar 18 03:37:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 18 02:36:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 370450   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 365393   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 147421   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 123654   | 43.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.26%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 109964   | 47.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 181502   | 34.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.02%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 233614   | 102.96   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.96% |
| 24) Chloroform-d               | 5.11    | 84    | 274534   | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 200429   | 49.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.34%  |
| 32) Benzene-d6                 | 5.76    | 84    | 505629   | 50.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.54% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 168559   | 51.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.38% |
| 41) Toluene-d8                 | 7.93    | 98    | 473476   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.48%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 84873    | 47.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.72%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 168333   | 98.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.75%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 249916   | 49.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 172582   | 56.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.88% |

| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.66 | 43 | 3372  | 1.566 ug/L  | 81     |
| 34) Trichloroethene | 6.57 | 95 | 89764 | 32.074 ug/L | 95     |

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

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