

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\  
 Data File : VU037019.D  
 Acq On : 03 Mar 2020 13:27  
 Operator : JC/MD  
 Sample : VU0303WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK37

Quant Time: Mar 04 07:11:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 04 06:53:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 272283   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 255781   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 91967    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 106485   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.14%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 99639    | 52.66    | ug/L | 0.02    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 105.32% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 138726   | 36.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.46%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 157021   | 102.38   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.38% |
| 24) Chloroform-d               | 5.11    | 84    | 174388   | 49.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 122102   | 51.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.34% |
| 32) Benzene-d6                 | 5.76    | 84    | 385161   | 52.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.14% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 127249   | 53.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.20% |
| 41) Toluene-d8                 | 7.92    | 98    | 342903   | 49.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.94%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 51377    | 46.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.26%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 106131   | 90.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 170241   | 50.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.78% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 97004    | 53.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.92% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 3) Chloromethane | 1.54 | 50 | 2456 | 0.924 ug/L | 98     |

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

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