

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\  
 Data File : VU037013.D  
 Acq On : 02 Mar 2020 20:38  
 Operator : JC/MD  
 Sample : L1729-18  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AX6

Quant Time: Mar 03 04:58:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 03 03:21:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 260350   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 245800   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 93758    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 77728    | 35.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.10%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 78245    | 43.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 111339   | 30.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.82%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 161543   | 110.15   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.15% |
| 24) Chloroform-d               | 5.10    | 84    | 162023   | 48.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.06%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 113118   | 50.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.12% |
| 32) Benzene-d6                 | 5.76    | 84    | 346314   | 48.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.44%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 116178   | 50.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.90% |
| 41) Toluene-d8                 | 7.93    | 98    | 309359   | 46.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.82%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 48666    | 45.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.94%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 118221   | 104.99   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.99% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 168154   | 51.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.58% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 97003    | 52.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.86% |

## Target Compounds

|                                |      |     |         |              | Ovalue |
|--------------------------------|------|-----|---------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.60 | 101 | 5239    | 3.151 ug/L # | 85     |
| 12) 1,1-Dichloroethene         | 2.60 | 96  | 2316    | 1.377 ug/L # | 1      |
| 13) Acetone                    | 2.66 | 43  | 4872    | 3.230 ug/L   | 99     |
| 20) cis-1,2-Dichloroethene     | 4.71 | 96  | 2265    | 1.121 ug/L   | 90     |
| 30) 1,1,1-Trichloroethane      | 5.36 | 97  | 32630   | 12.382 ug/L  | 98     |
| 34) Trichloroethene            | 6.57 | 95  | 1183236 | 619.963 ug/L | 99     |

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

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