

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
 Data File : VU037125.D  
 Acq On : 06 Mar 2020 21:35  
 Operator : JC/MD  
 Sample : L1834-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DK0

Quant Time: Mar 07 03:11:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 06 23:54:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 259697   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 246841   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 85380    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 82755    | 37.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.90% |
| 7) Chloroethane-d5             | 1.93    | 69    | 81938    | 45.41    | ug/L | 0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.82% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 116363   | 31.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.72% |
| 21) 2-Butanone-d5              | 4.67    | 46    | 138823   | 94.90    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.90% |
| 24) Chloroform-d               | 5.11    | 84    | 154004   | 46.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.48% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 105654   | 46.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.76% |
| 32) Benzene-d6                 | 5.76    | 84    | 326986   | 45.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.62% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 107955   | 46.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.36% |
| 41) Toluene-d8                 | 7.92    | 98    | 285584   | 43.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.24% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 42105    | 39.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.36% |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 88726    | 78.47    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.47% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 149545   | 45.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.74% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 81288    | 48.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.40% |

## Target Compounds

|                         |       |     |      |              | Ovalue |
|-------------------------|-------|-----|------|--------------|--------|
| 13) Acetone             | 2.66  | 43  | 3963 | 2.634 ug/L   | 78     |
| 51) Chlorobenzene       | 9.47  | 112 | 9652 | 1.961 ug/L   | 94     |
| 63) 1,4-Dichlorobenzene | 11.85 | 146 | 3991 | 1.458 ug/L   | 98     |
| 65) 1,2-Dichlorobenzene | 12.23 | 146 | 2395 | 0.866 ug/L # | 85     |

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

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