

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\  
 Data File : VU037009.D  
 Acq On : 02 Mar 2020 19:07  
 Operator : JC/MD  
 Sample : L1729-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AX0

Quant Time: Mar 03 04:47:20 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  | 259493   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 248195   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 92014    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 82392    | 37.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.62%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 80192    | 44.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 112160   | 30.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.48%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 168036   | 114.96   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.96% |
| 24) Chloroform-d               | 5.10    | 84    | 162900   | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 114517   | 50.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.70% |
| 32) Benzene-d6                 | 5.76    | 84    | 351332   | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.90%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 118184   | 50.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.66% |
| 41) Toluene-d8                 | 7.93    | 98    | 316266   | 47.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 50700    | 46.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.84%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 118732   | 104.43   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.43% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 169096   | 51.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.16% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 98747    | 54.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.80% |

| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 2.66 | 43 | 3711 | 2.468 ug/L 98 |

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

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