

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\  
 Data File : VU038705.D  
 Acq On : 09 Jun 2020 07:03  
 Operator : SY/MD  
 Sample : L2913-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D81

Quant Time: Jun 09 08:10:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 09 07:55:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 570755   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 562950   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 263468   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 184657   | 57.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 115.82% |
| 7) Chloroethane-d5             | 1.93    | 69    | 148905   | 60.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 120.38% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 293743   | 42.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.54%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 350864   | 113.10   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.10% |
| 24) Chloroform-d               | 5.10    | 84    | 363799   | 52.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.82% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 251614   | 55.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.44% |
| 32) Benzene-d6                 | 5.76    | 84    | 752446   | 55.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.98% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 227411   | 54.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 108.84% |
| 41) Toluene-d8                 | 7.92    | 98    | 661121   | 53.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.90% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 108004   | 51.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.66% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 260195   | 116.96   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 116.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 330632   | 53.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 106.08% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 261320   | 57.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.26% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 27) 1,2-Dichloroethane | 5.83 | 62 | 20907 | 3.371 ug/L | 100    |

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

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