

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\  
 Data File : VU026003.D  
 Acq On : 09 Aug 2018 18:01  
 Operator : MD/SY  
 Sample : J4361-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4ZB3

Quant Time: Aug 10 07:20:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 10 05:14:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 290665   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 268423   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 115181   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 89582    | 42.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.32%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 77063    | 45.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 137232   | 33.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.98%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 172054   | 97.16    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.16%  |
| 24) Chloroform-d               | 4.65    | 84    | 211316   | 46.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 145065   | 47.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.32%  |
| 32) Benzene-d6                 | 5.34    | 84    | 407839   | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.86%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 132979   | 49.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.62%  |
| 41) Toluene-d8                 | 7.57    | 98    | 370593   | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.94%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 63294    | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.16%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 121040   | 98.81    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.81%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 187918   | 47.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.30%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 143649   | 50.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.18% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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