

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\  
 Data File : VU026022.D  
 Acq On : 10 Aug 2018 02:07  
 Operator : MD/SY  
 Sample : J4401-06 10X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4ZE6

Quant Time: Aug 10 08:18:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 10 07:39:13 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 295723   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 275128   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 117489   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 76190    | 35.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 70.50%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 70505    | 41.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.28%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 117620   | 28.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.28%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 156482   | 86.86    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.86%  |
| 24) Chloroform-d               | 4.65    | 84    | 191611   | 41.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 133360   | 43.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.14%  |
| 32) Benzene-d6                 | 5.35    | 84    | 362030   | 42.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.76%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 121685   | 44.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.04%  |
| 41) Toluene-d8                 | 7.57    | 98    | 325939   | 39.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.76%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 56085    | 40.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.54%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 109478   | 87.19    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.19%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 174274   | 43.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 129756   | 44.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.60%  |

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

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

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