

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\U101218\  
 Data File : VU027646.D  
 Acq On : 13 Oct 2018 00:18  
 Operator : MD/SY  
 Sample : J5405-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C08Y6

Quant Time: Oct 13 05:01:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100518WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 13 04:07:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 172832   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 161593   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 63343    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 50508    | 37.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.26%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41658    | 39.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.52%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 70548    | 27.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.30%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 94861    | 86.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.39%  |
| 24) Chloroform-d               | 4.65    | 84    | 93255    | 42.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.74%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 67037    | 43.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.94%  |
| 32) Benzene-d6                 | 5.34    | 84    | 187169   | 40.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 68372    | 43.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.20%  |
| 41) Toluene-d8                 | 7.57    | 98    | 150413   | 36.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 72.68%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 26253    | 34.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.68%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 63337    | 79.05    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.05%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 87627    | 42.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 53560    | 43.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.44%  |

| Target Compounds      |      |     |      |      |      | Qvalue |
|-----------------------|------|-----|------|------|------|--------|
| 13) Acetone           | 2.32 | 43  | 2708 | 3.01 | ug/L | 91     |
| 46) Tetrachloroethene | 8.23 | 164 | 7021 | 7.40 | ug/L | 99     |

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

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