

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\  
 Data File : VU028865.D  
 Acq On : 21 Dec 2018 11:44  
 Operator : MD/SY  
 Sample : J6513-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F87

Quant Time: Dec 21 23:48:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 21 23:27:40 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 151577   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 141461   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 57936    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 58336    | 48.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.02%   |
| 7) Chloroethane-d5             | 1.67    | 69    | 49233    | 52.45    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.90%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 80030    | 39.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.32%   |
| 21) 2-Butanone-d5              | 4.18    | 46    | 118291   | 138.94   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 138.94%# |
| 24) Chloroform-d               | 4.65    | 84    | 110232   | 57.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 115.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 71308    | 60.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 121.08%  |
| 32) Benzene-d6                 | 5.34    | 84    | 238362   | 59.64    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 119.28%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 84456    | 62.21    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 124.42%# |
| 41) Toluene-d8                 | 7.57    | 98    | 202863   | 56.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.02%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 35460    | 58.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 116.58%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 91776    | 142.33   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 142.33%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 118319   | 62.82    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 125.64%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 73890    | 63.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 126.12%# |

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

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

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