

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\  
 Data File : VU026487.D  
 Acq On : 31 Aug 2018 10:03  
 Operator : MD/SY  
 Sample : VU0831WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK56

Quant Time: Sep 01 01:09:55 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 01 01:02:22 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 126893   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 117638   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 48497    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 38184    | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.14%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 34755    | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.90%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 60563    | 34.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.42%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 61006    | 99.98    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.98%  |
| 24) Chloroform-d               | 4.65    | 84    | 74068    | 49.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 50414    | 51.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.00% |
| 32) Benzene-d6                 | 5.34    | 84    | 145941   | 53.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.64% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 50243    | 53.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.88% |
| 41) Toluene-d8                 | 7.57    | 98    | 132899   | 50.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.56% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 21870    | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.84% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 43032    | 100.73   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.73% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 68335    | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 50849    | 57.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.58% |

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

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

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