

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\  
 Data File : VU027820.D  
 Acq On : 26 Oct 2018 09:56  
 Operator : MD/SY  
 Sample : VU1026WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK51

Quant Time: Oct 27 01:55:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM102218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 27 01:41:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 74711    | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 69031    | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 31084    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 30890    | 53.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 106.28% |
| 7) Chloroethane-d5             | 1.68    | 69    | 24362    | 54.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 108.88% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 45914    | 43.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.72%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 56105    | 113.26   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.26% |
| 24) Chloroform-d               | 4.65    | 84    | 59653    | 57.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.16% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 45072    | 62.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 124.58% |
| 32) Benzene-d6                 | 5.34    | 84    | 112455   | 57.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.40% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 40703    | 57.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 115.98% |
| 41) Toluene-d8                 | 7.57    | 98    | 104762   | 57.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.54% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 19251    | 56.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 112.96% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 39873    | 111.01   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.01% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 50608    | 55.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 111.68% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 37095    | 58.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 116.52% |

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

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

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