

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
 Data File : VU026265.D  
 Acq On : 22 Aug 2018 22:14  
 Operator : MD/SY  
 Sample : J4598-16 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETBL6

Quant Time: Aug 23 07:47:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 23 07:46:41 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 284597   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 282481   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 134836   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 78156    | 45.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.04%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 66709    | 47.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.26%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 121708   | 35.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.34%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 148149   | 106.94   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.94% |
| 24) Chloroform-d               | 4.65    | 84    | 185630   | 47.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 124832   | 49.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.16%  |
| 32) Benzene-d6                 | 5.35    | 84    | 358269   | 47.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 117059   | 48.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.48%  |
| 41) Toluene-d8                 | 7.57    | 98    | 326028   | 45.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.28%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 56173    | 44.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.62%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 104545   | 100.81   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.81% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 169139   | 47.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 142930   | 49.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.92%  |

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

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

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