

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
 Data File : VU026276.D  
 Acq On : 23 Aug 2018 02:28  
 Operator : MD/SY  
 Sample : J4599-06 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETOK8

Quant Time: Aug 23 08:19:40 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  | 290621   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 291423   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 137703   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 69861    | 39.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.82% |
| 7) Chloroethane-d5             | 1.68    | 69    | 63070    | 43.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.26% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 112193   | 32.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.40% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 134249   | 94.89    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.89% |
| 24) Chloroform-d               | 4.65    | 84    | 173234   | 43.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.70% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 117222   | 45.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.18% |
| 32) Benzene-d6                 | 5.35    | 84    | 332737   | 42.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.36% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 111127   | 44.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.78% |
| 41) Toluene-d8                 | 7.57    | 98    | 300034   | 40.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.52% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 51079    | 39.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.98% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 92749    | 86.69    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.69% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 156542   | 42.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.50% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 131099   | 44.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.74% |

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

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

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