

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\  
 Data File : VU026279.D  
 Acq On : 23 Aug 2018 03:38  
 Operator : MD/SY  
 Sample : J4599-09 40X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETOL3

Quant Time: Aug 23 08:22:02 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  | 292824   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 285740   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 137069   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 67644    | 37.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.74% |
| 7) Chloroethane-d5             | 1.68    | 69    | 59965    | 41.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.34% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 108638   | 30.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.90% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 131148   | 92.00    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.00% |
| 24) Chloroform-d               | 4.65    | 84    | 171568   | 43.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.20% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 114392   | 44.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.30% |
| 32) Benzene-d6                 | 5.35    | 84    | 326209   | 42.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.34% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 108897   | 44.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.74% |
| 41) Toluene-d8                 | 7.57    | 98    | 294396   | 40.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.58% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 49677    | 39.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.34% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 91972    | 87.67    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.67% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 154492   | 42.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.06% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 130777   | 44.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.92% |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 33) Benzene      | 5.39 | 78 | 133227 | 17.10 ug/L | 100    |

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

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