

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\  
 Data File : VU025870.D  
 Acq On : 04 Aug 2018 13:51  
 Operator : MD/SY  
 Sample : J4340-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5F79

Quant Time: Aug 06 01:44:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Aug 06 01:30:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 310641   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 291156   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 138820   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 68607    | 38.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.38% |
| 7) Chloroethane-d5             | 1.68    | 69    | 61919    | 42.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.66% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 118450   | 32.08    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.16% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 135872   | 99.24    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.24% |
| 24) Chloroform-d               | 4.65    | 84    | 175413   | 44.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.82% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 124071   | 47.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.98% |
| 32) Benzene-d6                 | 5.35    | 84    | 337806   | 45.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.48% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 111670   | 46.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.82% |
| 41) Toluene-d8                 | 7.57    | 98    | 309199   | 43.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.36% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 54241    | 44.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.26% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 98200    | 97.47    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.47% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 152097   | 45.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 128975   | 45.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.68% |

| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.32 | 43 | 6462 | 4.02 ug/L | 97     |

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

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