

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\  
 Data File : VU030828.D  
 Acq On : 07 Apr 2019 02:16  
 Operator : JC/SP  
 Sample : K2260-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETJ57

Quant Time: Apr 08 08:33:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 08 07:03:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 475540   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 471378   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 189057   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 212737   | 50.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 100.22% |
| 7) Chloroethane-d5             | 1.68    | 69    | 166928   | 51.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.62% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 294203   | 38.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.64%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 333917   | 99.25    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.25%  |
| 24) Chloroform-d               | 4.64    | 84    | 317409   | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 227931   | 51.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.02% |
| 32) Benzene-d6                 | 5.34    | 84    | 664263   | 48.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 232486   | 49.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.60%  |
| 41) Toluene-d8                 | 7.56    | 98    | 568292   | 46.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.18%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 97105    | 45.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.32%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 190035   | 88.17    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.17%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 303498   | 47.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 187838   | 50.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.04% |

## Target Compounds

|                              |      |    |        |              | Ovalue |
|------------------------------|------|----|--------|--------------|--------|
| 13) Acetone                  | 2.32 | 43 | 5648   | 1.641 ug/L   | 91     |
| 17) trans-1,2-Dichloroethene | 2.99 | 96 | 4617   | 1.323 ug/L # | 75     |
| 20) cis-1,2-Dichloroethene   | 4.22 | 96 | 318652 | 82.684 ug/L  | 98     |
| 34) Trichloroethene          | 6.18 | 95 | 370284 | 97.871 ug/L  | 99     |

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

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