

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\  
 Data File : VU031167.D  
 Acq On : 13 Apr 2019 19:22  
 Operator : JC/SP  
 Sample : K2353-03MS  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETJ60MS

Quant Time: Apr 13 23:26:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 22:25:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 444440   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 475400   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 194367   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 196518   | 49.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 99.06%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 153871   | 51.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 337439   | 47.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.04%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 316431   | 100.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.63% |
| 24) Chloroform-d               | 4.64    | 84    | 303555   | 50.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.18% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 213163   | 51.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.10% |
| 32) Benzene-d6                 | 5.33    | 84    | 614730   | 44.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.58%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 208557   | 43.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.70%  |
| 41) Toluene-d8                 | 7.56    | 98    | 539190   | 43.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.66%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 92555    | 42.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.36%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 191651   | 88.16    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 318598   | 49.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 200271   | 52.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.78% |

## Target Compounds

| Target Compounds       | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------|------|------|----------|--------|-------|--------|
| 12) 1,1-Dichloroethene | 2.28 | 96   | 133104   | 43.325 | ug/L  | 90     |
| 13) Acetone            | 2.32 | 43   | 8553     | 2.658  | ug/L  | 90     |
| 33) Benzene            | 5.38 | 78   | 647598   | 41.627 | ug/L  | 100    |
| 34) Trichloroethene    | 6.18 | 95   | 162557   | 42.603 | ug/L  | 96     |
| 42) Toluene            | 7.63 | 91   | 664130   | 41.821 | ug/L  | 100    |
| 51) Chlorobenzene      | 9.12 | 112  | 453031   | 46.514 | ug/L  | 97     |

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

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