

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\  
 Data File : VU029607.D  
 Acq On : 22 Feb 2019 09:57  
 Operator : JC/SP  
 Sample : K1543-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF5Z1

Quant Time: Feb 22 22:26:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 22 22:13:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 490256   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 473742   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 231510   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 163276   | 45.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.90%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 143140   | 44.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 251142   | 35.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.52%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 223669   | 102.31   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.31% |
| 24) Chloroform-d               | 4.65    | 84    | 288031   | 49.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.86%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 182992   | 49.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.34    | 84    | 620216   | 52.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.06% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 187064   | 52.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.32% |
| 41) Toluene-d8                 | 7.56    | 98    | 594909   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 88750    | 46.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.30%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 187500   | 93.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 279493   | 46.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 248346   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.56%  |

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

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

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