

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\  
 Data File : VU029627.D  
 Acq On : 22 Feb 2019 18:10  
 Operator : JC/SP  
 Sample : K1543-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF5Z0

Quant Time: Feb 22 23:23:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 22 23:08:46 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 465100   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 441375   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 210630   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 142653   | 41.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.72%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 127538   | 42.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.18%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 208232   | 31.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.52%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 257256   | 124.04   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 124.04% |
| 24) Chloroform-d               | 4.65    | 84    | 264494   | 47.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.70%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 170475   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.42%  |
| 32) Benzene-d6                 | 5.34    | 84    | 553915   | 49.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.74%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 171955   | 51.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.92% |
| 41) Toluene-d8                 | 7.56    | 98    | 529712   | 46.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.48%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 77198    | 43.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.12%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 236288   | 126.98   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 126.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 278074   | 49.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 220357   | 48.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.10%  |

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

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

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