

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\  
 Data File : VU029620.D  
 Acq On : 22 Feb 2019 14:58  
 Operator : JC/SP  
 Sample : K1581-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB617

Quant Time: Feb 22 23:00:14 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  | 467301   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 453532   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 226427   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 135141   | 39.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.94%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 123008   | 40.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 195423   | 29.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.40%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 205029   | 98.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.39%  |
| 24) Chloroform-d               | 4.65    | 84    | 260252   | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 168219   | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.68%  |
| 32) Benzene-d6                 | 5.34    | 84    | 544746   | 47.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.46%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 168474   | 49.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.14%  |
| 41) Toluene-d8                 | 7.56    | 98    | 504315   | 43.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 79685    | 43.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.50%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 174500   | 91.27    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.27%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 263086   | 45.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.70%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 221241   | 45.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.68%  |

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

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

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