

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\  
 Data File : VU030434.D  
 Acq On : 26 Mar 2019 11:13  
 Operator : JC/SP  
 Sample : K2022-20  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C09J4

Quant Time: Mar 27 05:04:28 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 27 04:29:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 451509   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 434619   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 169545   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 195277   | 53.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 107.48% |
| 7) Chloroethane-d5             | 1.67    | 69    | 153159   | 53.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.36% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 268818   | 39.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.00%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 330120   | 96.64    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.64%  |
| 24) Chloroform-d               | 4.64    | 84    | 312137   | 49.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 210305   | 51.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.66% |
| 32) Benzene-d6                 | 5.34    | 84    | 642910   | 51.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.16% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 226041   | 53.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.02% |
| 41) Toluene-d8                 | 7.56    | 98    | 556372   | 49.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 99280    | 49.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.02%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 202101   | 87.46    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 292701   | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 179021   | 52.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.40% |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 2.32 | 43 | 21494 | 6.222 ug/L 96 |

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

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