

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\  
 Data File : VU030715.D  
 Acq On : 05 Apr 2019 03:49  
 Operator : JC/SP  
 Sample : K2271-20 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB7E1

Quant Time: Apr 05 05:01:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 05 02:15:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 491346   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 476410   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 200183   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 230796   | 52.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 105.24% |
| 7) Chloroethane-d5             | 1.68    | 69    | 178249   | 53.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.08% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 310075   | 39.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.18%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 376183   | 108.22   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.22% |
| 24) Chloroform-d               | 4.64    | 84    | 322089   | 48.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 234821   | 51.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.72% |
| 32) Benzene-d6                 | 5.33    | 84    | 715551   | 51.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.90% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 248736   | 52.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.38% |
| 41) Toluene-d8                 | 7.56    | 98    | 616194   | 49.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.98%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 105427   | 48.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.02%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 227254   | 104.32   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 320058   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.56%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 210150   | 53.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.76% |

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

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

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