

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\  
 Data File : VU031930.D  
 Acq On : 11 May 2019 14:50  
 Operator : JC/SP  
 Sample : K2705-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 13 05:01:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 13 01:54:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 1000431  | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 1024053  | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 373339   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 384344   | 45.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.80%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 330821   | 51.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.26% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 534674   | 32.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.14%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 651226   | 85.84    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.84%  |
| 24) Chloroform-d               | 4.64    | 84    | 690064   | 45.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 464024   | 46.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.64%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1424703  | 45.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 489637   | 44.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.52%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1176009  | 42.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.88%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 192633   | 40.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.12%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 418494   | 87.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.39%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 675813   | 45.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 395924   | 50.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.86% |

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

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

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