

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\  
 Data File : VU031994.D  
 Acq On : 14 May 2019 15:05  
 Operator : JC/SP  
 Sample : K2740-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 15 04:47:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM051419WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 15 04:26:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 1060417  | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 1068459  | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 407716   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 426708   | 45.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.72%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 357677   | 47.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 579198   | 34.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.46%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 639386   | 98.13    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.13%  |
| 24) Chloroform-d               | 4.64    | 84    | 715886   | 45.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 461754   | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.14%  |
| 32) Benzene-d6                 | 5.33    | 84    | 1515517  | 48.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 505517   | 49.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.06%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1307865  | 47.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.38%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 207462   | 46.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.16%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 403229   | 97.43    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.43%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 687872   | 45.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.08%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 435999   | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.64% |

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

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

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