

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\  
 Data File : VU031774.D  
 Acq On : 06 May 2019 12:49  
 Operator : JC/SP  
 Sample : K2695-11 20X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XH5

Quant Time: May 07 09:22:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 07 08:38:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 723548   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 692761   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 254590   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 295804   | 48.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.70%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 240172   | 51.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.64% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 447618   | 37.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.24%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 665394   | 121.28   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 121.28% |
| 24) Chloroform-d               | 4.64    | 84    | 563085   | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.54% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 397908   | 54.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.84% |
| 32) Benzene-d6                 | 5.34    | 84    | 1075455  | 50.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.12% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 396621   | 52.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.98% |
| 41) Toluene-d8                 | 7.56    | 98    | 862020   | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.04%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 155195   | 48.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.62%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 363320   | 112.16   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 112.16% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 520462   | 51.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.64% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 269332   | 50.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.60% |

| Target Compounds          |      |     |        |              | Ovalue |
|---------------------------|------|-----|--------|--------------|--------|
| 9) Trichlorofluoromethane | 1.88 | 101 | 12329  | 1.202 ug/L   | 98     |
| 34) Trichloroethene       | 6.18 | 95  | 622538 | 100.832 ug/L | 95     |
| 46) Tetrachloroethene     | 8.23 | 164 | 2662   | 0.632 ug/L   | 97     |

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

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