

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\  
 Data File : VU031608.D  
 Acq On : 30 Apr 2019 00:27  
 Operator : JC/SP  
 Sample : K2592-11DL 250X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0X04DL

Quant Time: Apr 30 05:19:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 30 04:50:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 622051   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 617216   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 220513   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 336473   | 64.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 129.26% |
| 7) Chloroethane-d5             | 1.68    | 69    | 243873   | 60.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 121.24% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 461971   | 44.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.12%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 535779   | 113.59   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.59% |
| 24) Chloroform-d               | 4.64    | 84    | 506086   | 53.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.16% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 355774   | 57.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.22% |
| 32) Benzene-d6                 | 5.34    | 84    | 1010536  | 53.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.64% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 353414   | 53.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.00% |
| 41) Toluene-d8                 | 7.56    | 98    | 834272   | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.08% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 135969   | 47.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.00%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 293921   | 101.84   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 444093   | 49.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.26%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 250133   | 53.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.88% |

| Target Compounds          |      |     |        |             | Ovalue |
|---------------------------|------|-----|--------|-------------|--------|
| 9) Trichlorofluoromethane | 1.88 | 101 | 6530   | 0.740 ug/L  | 87     |
| 34) Trichloroethene       | 6.18 | 95  | 290167 | 52.750 ug/L | 99     |
| 46) Tetrachloroethene     | 8.22 | 164 | 5081   | 1.355 ug/L  | 92     |

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

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