

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080119\  
 Data File : VU033553.D  
 Acq On : 01 Aug 2019 16:44  
 Operator : JC/SP  
 Sample : K4103-13  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB9F3

Quant Time: Aug 02 03:47:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM073119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 02 02:28:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 302047   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 304570   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 137577   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 136251   | 62.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 124.08%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 126592   | 67.19    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 134.38%# |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 175427   | 44.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.02%   |
| 21) 2-Butanone-d5              | 4.16    | 46    | 179463   | 123.38   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 123.38%  |
| 24) Chloroform-d               | 4.62    | 84    | 206371   | 56.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.12%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 136299   | 58.47    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 116.94%  |
| 32) Benzene-d6                 | 5.32    | 84    | 432309   | 57.26    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 114.52%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 135718   | 57.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 114.68%  |
| 41) Toluene-d8                 | 7.55    | 98    | 384823   | 54.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.78%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 63071    | 53.72    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 107.44%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 131860   | 117.34   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 117.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 199202   | 54.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 109.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 144928   | 57.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.06%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 2988 | 2.008 ug/L | 87     |

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

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