

Data File : VU033673.D  
Acq On : 09 Aug 2019 05:41  
Operator : JC/SP  
Sample : K4215-17  
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETOD0

Quant Time: Aug 09 14:51:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 09 14:36:24 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 339239   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 349708   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 172068   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 122603   | 32.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.02%  |
| 7) Chloroethane-d5             | 1.63    | 69    | 101892   | 31.43    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 62.86%# |
| 11) 1,1-Dichloroethene-d2      | 2.22    | 63    | 193347   | 31.23    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.46%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 137008   | 48.85    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 48.85%  |
| 24) Chloroform-d               | 4.62    | 84    | 228275   | 35.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 160417   | 39.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.40%  |
| 32) Benzene-d6                 | 5.31    | 84    | 492979   | 37.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 158998   | 38.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 76.70%  |
| 41) Toluene-d8                 | 7.55    | 98    | 448108   | 37.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 74.34%# |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 71098    | 35.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.06%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 174971   | 84.28    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 256568   | 39.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 79.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 186528   | 39.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.36%# |

Target Compounds Qvalue

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

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