

Data File : VU033654.D  
Acq On : 08 Aug 2019 21:38  
Operator : JC/SP  
Sample : K4202-08  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F2B25

Quant Time: Aug 09 12:07:31 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 09 07:39:51 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 299249   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 302486   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 139157   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 143292   | 42.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.84% |
| 7) Chloroethane-d5             | 1.67    | 69    | 119938   | 41.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.90% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 182921   | 33.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.00% |
| 21) 2-Butanone-d5              | 4.15    | 46    | 210922   | 85.25    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.25% |
| 24) Chloroform-d               | 4.62    | 84    | 206263   | 36.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 73.70% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 148762   | 41.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.42% |
| 32) Benzene-d6                 | 5.32    | 84    | 469524   | 41.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.24% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 151506   | 42.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.48% |
| 41) Toluene-d8                 | 7.55    | 98    | 418205   | 40.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.20% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 68933    | 39.27    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.54% |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 168671   | 93.93    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.93% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 230518   | 41.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 82.18% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 158617   | 41.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.44% |

| Target Compounds |      |     |       |            | Qvalue |
|------------------|------|-----|-------|------------|--------|
| 13) Acetone      | 2.31 | 43  | 4063  | 2.414 ug/L | 99     |
| 42) Toluene      | 7.62 | 91  | 41105 | 4.014 ug/L | 98     |
| 53) m,p-Xylene   | 9.36 | 106 | 5955  | 1.428 ug/L | 98     |

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

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