

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101019\  
 Data File : VU035019.D  
 Acq On : 09 Oct 2019 19:52  
 Operator : JC/SP  
 Sample : K5267-08  
 Misc : 6.34g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBAT9

Manual Integrations  
 APPROVED

MMDadoda  
 10/10/2019 11:02:49 AM

Quant Time: Oct 10 05:39:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 10 04:46:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 395398   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 391430   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 159344   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 121210   | 38.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.28% |
| 7) Chloroethane-d5             | 1.63    | 69    | 93780m   | 39.15    | ug/L | -0.04  |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.30% |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 178742   | 31.83    | ug/L | -0.04  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.66% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 194521   | 83.09    | ug/L | 0.02   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.09% |
| 24) Chloroform-d               | 4.62    | 84    | 206066   | 39.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.78% |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 154478   | 44.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.06% |
| 32) Benzene-d6                 | 5.31    | 84    | 478250   | 43.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.90% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 157485   | 43.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.70% |
| 41) Toluene-d8                 | 7.54    | 98    | 426641   | 41.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.64% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 60631    | 37.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.52% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 147800   | 85.78    | ug/L | 0.02   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 225904   | 43.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.56% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 148197   | 45.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.60% |

Target Compounds Ovalue

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

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