

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101019\  
 Data File : VU035025.D  
 Acq On : 09 Oct 2019 22:12  
 Operator : JC/SP  
 Sample : K5265-07  
 Misc : 7.05µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBAR6

Quant Time: Oct 10 06:47:55 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  | 415276   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 406254   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 158692   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 125579   | 37.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.24% |
| 7) Chloroethane-d5             | 1.63    | 69    | 94967    | 37.75    | ug/L | -0.04  |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.50% |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 180411   | 30.59    | ug/L | -0.03  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.18% |
| 21) 2-Butanone-d5              | 4.16    | 46    | 204496   | 83.17    | ug/L | 0.01   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.17% |
| 24) Chloroform-d               | 4.62    | 84    | 217935   | 40.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.32% |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 159333   | 43.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.48% |
| 32) Benzene-d6                 | 5.31    | 84    | 487082   | 42.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.26% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 163843   | 43.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.90% |
| 41) Toluene-d8                 | 7.54    | 98    | 436611   | 40.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.50% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 62276    | 36.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.74% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 150330   | 84.07    | ug/L | 0.01   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.07% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 234823   | 43.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.68% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 144612   | 44.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.76% |

| Target Compounds   |      |    |      |            | Ovalue |
|--------------------|------|----|------|------------|--------|
| 13) Acetone        | 2.32 | 43 | 5586 | 2.400 ug/L | 96     |
| 15) Methyl Acetate | 2.61 | 43 | 3411 | 0.968 ug/L | 94     |

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

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