

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073019\  
 Data File : VU033482.D  
 Acq On : 30 Jul 2019 09:45  
 Operator : JC/SP  
 Sample : VU0730MBL01  
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK32

Quant Time: Jul 31 08:53:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMULM072919W.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 31 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 310261   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 312220   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 142315   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 119676   | 42.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.96%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 105702   | 45.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 154450   | 29.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.96%# |
| 21) 2-Butanone-d5              | 4.15    | 46    | 144333   | 89.41    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.41%  |
| 24) Chloroform-d               | 4.62    | 84    | 189975   | 45.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.12%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 127415   | 46.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.68%  |
| 32) Benzene-d6                 | 5.32    | 84    | 392700   | 46.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 123882   | 47.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.30%  |
| 41) Toluene-d8                 | 7.55    | 98    | 351229   | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.16%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 56337    | 44.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.70%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 109667   | 101.55   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.55% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 180705   | 45.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.58%  |
| 66) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 134672   | 49.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.50%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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