

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\  
 Data File : VU033513.D  
 Acq On : 31 Jul 2019 10:17  
 Operator : JC/SP  
 Sample : VU0731MBL01  
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK35

Quant Time: Aug 01 07:30:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM073119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 01 07:20:33 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 323170   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 319831   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 147199   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 111565   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.96%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 102771   | 50.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.96% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 163734   | 38.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.80%  |
| 21) 2-Butanone-d5              | 4.16    | 46    | 171559   | 110.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.24% |
| 24) Chloroform-d               | 4.62    | 84    | 193037   | 49.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 126895   | 50.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.76% |
| 32) Benzene-d6                 | 5.32    | 84    | 402428   | 50.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.52% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 126679   | 50.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.94% |
| 41) Toluene-d8                 | 7.55    | 98    | 357998   | 48.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.38%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 60103    | 48.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.50%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 127880   | 108.37   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.37% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 188713   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 140839   | 52.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.50% |

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

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

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