

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072420\  
 Data File : VU039658.D  
 Acq On : 24 Jul 2020 13:13  
 Operator : SY/MD  
 Sample : VU0724MBL01  
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK34

Quant Time: Jul 25 06:56:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 25 06:47:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 218533   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 206446   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 97088    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 66725    | 46.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.80% |
| 7) Chloroethane-d5             | 1.92    | 69    | 73309    | 43.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 110453   | 36.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.36% |
| 21) 2-Butanone-d5              | 4.65    | 46    | 154104   | 93.83    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.83% |
| 24) Chloroform-d               | 5.08    | 84    | 145771   | 45.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.12% |
| 26) 1,2-Dichloroethane-d4      | 5.72    | 65    | 105962   | 46.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.68% |
| 32) Benzene-d6                 | 5.75    | 84    | 286355   | 49.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.90% |
| 36) 1,2-Dichloropropane-d6     | 6.70    | 67    | 91966    | 48.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.86% |
| 41) Toluene-d8                 | 7.91    | 98    | 260338   | 48.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.52% |
| 43) trans-1,3-Dichloropropene- | 8.19    | 79    | 45056    | 47.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.98% |
| 47) 2-Hexanone-d5              | 8.64    | 63    | 92876    | 90.57    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.57% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76   | 84    | 136001   | 45.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.38% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19   | 152   | 102532   | 48.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.58% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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