

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\  
 Data File : VU029076.D  
 Acq On : 07 Jan 2019 23:05  
 Operator : MD/SY  
 Sample : K1051-12  
 Misc : 6.32g/10mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BE9Y0

Quant Time: Jan 08 04:41:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 08 03:12:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 227330   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 226716   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 101892   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 65102    | 35.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.44%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 40343    | 28.66    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 57.32%# |
| 11) 1,1-Dichloroethene-d2      | 2.22    | 63    | 86624    | 28.26    | ug/L | -0.05   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.52%# |
| 21) 2-Butanone-d5              | 4.20    | 46    | 105303   | 82.47    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 82.47%  |
| 24) Chloroform-d               | 4.64    | 84    | 111596   | 38.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 72101    | 40.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.62%  |
| 32) Benzene-d6                 | 5.33    | 84    | 242164   | 37.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 85259    | 39.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 78.36%  |
| 41) Toluene-d8                 | 7.56    | 98    | 213181   | 36.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 73.46%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 36032    | 36.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.92%  |
| 47) 2-Hexanone-d5              | 8.33    | 63    | 81976    | 79.32    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 130802   | 43.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 84453    | 40.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.96%  |

| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 34) Trichloroethene | 6.18 | 95 | 66768 | 38.316 ug/L | 98     |

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

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