

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\  
 Data File : VU025793.D  
 Acq On : 02 Aug 2018 12:40  
 Operator : MD/SY  
 Sample : J4205-01RE  
 Misc : 5.03g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 JJ1K8RE

Quant Time: Aug 03 05:32:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 03 04:24:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 674940   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 652925   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 389654   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 87677    | 22.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 45.50%# |
| 7) Chloroethane-d5             | 1.64    | 69    | 48724    | 15.33    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 30.66%# |
| 11) 1,1-Dichloroethene-d2      | 2.24    | 63    | 137341   | 17.12    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 34.24%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 197191   | 66.29    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 66.29%  |
| 24) Chloroform-d               | 4.65    | 84    | 225782   | 26.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 52.62%# |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 160037   | 28.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 56.38%# |
| 32) Benzene-d6                 | 5.34    | 84    | 431714   | 25.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 51.56%# |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 144089   | 26.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 53.40%# |
| 41) Toluene-d8                 | 7.57    | 98    | 410196   | 25.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 51.08%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 72891    | 26.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 52.90%# |
| 47) 2-Hexanone-d5              | 8.33    | 63    | 152469   | 67.49    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 67.49%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 232591   | 30.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 61.64%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 208330   | 26.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 52.76%# |

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

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

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