

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\  
 Data File : VU030583.D  
 Acq On : 31 Mar 2019 12:29  
 Operator : JC/SP  
 Sample : VU0401MBL01  
 Misc : 5.0µl/5.0ml/100µL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK35

Quant Time: Apr 01 02:18:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 01 02:05:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 432035   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 407646   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 164219   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 153305   | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.18%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 128906   | 46.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.54%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 228816   | 34.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.38%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 293225   | 89.71    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.71%  |
| 24) Chloroform-d               | 4.64    | 84    | 276790   | 46.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 191359   | 48.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.64%  |
| 32) Benzene-d6                 | 5.34    | 84    | 570206   | 48.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.56%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 200994   | 50.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.50% |
| 41) Toluene-d8                 | 7.56    | 98    | 483948   | 46.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 85138    | 45.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.54%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 179037   | 82.60    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 82.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 262972   | 45.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.90%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 163600   | 49.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.44%  |

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

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

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