

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022520\  
 Data File : VU036903.D  
 Acq On : 25 Feb 2020 13:31  
 Operator : JC/MD  
 Sample : VIBLK41  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK41

Quant Time: Feb 26 03:13:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 26 01:28:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 251161   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 236732   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 89576    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 95378    | 45.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.44%  |
| 7) Chloroethane-d5             | 1.91    | 69    | 81705    | 46.82    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 122549   | 34.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.40%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 139874   | 98.87    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.87%  |
| 24) Chloroform-d               | 5.10    | 84    | 152128   | 47.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 107196   | 49.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.36%  |
| 32) Benzene-d6                 | 5.76    | 84    | 338250   | 49.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 110457   | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.93    | 98    | 308899   | 48.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.28%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 48206    | 46.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.54%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 110215   | 101.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.63% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 160073   | 51.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.38% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 93361    | 53.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.64% |

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

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

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