

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\  
 Data File : VU036597.D  
 Acq On : 29 Jan 2020 16:58  
 Operator : JC/MD  
 Sample : VIBLK22  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK22

Quant Time: Jan 30 04:30:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM012920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 30 02:48:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 277029   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 256045   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 120842   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 80302    | 38.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.40%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 77551    | 43.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.12%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 107997   | 32.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.38%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 147261   | 119.57   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 119.57% |
| 24) Chloroform-d               | 5.11    | 84    | 156097   | 45.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 105609   | 49.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.74%  |
| 32) Benzene-d6                 | 5.77    | 84    | 352895   | 49.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 115121   | 51.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.58% |
| 41) Toluene-d8                 | 7.93    | 98    | 326122   | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.14%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 53743    | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.70% |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 128906   | 123.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 123.85% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 169918   | 51.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.98% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 127201   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.10%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 2072 | 1.738 ug/L | 89     |

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

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