

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\  
 Data File : VV015237.D  
 Acq On : 28 Mar 2020 10:00  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK

Quant Time: Mar 30 02:08:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032720WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 28 05:21:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 616745   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 591848   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 252631   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 134430   | 53.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 107.44% |
| 7) Chloroethane-d5             | 1.58    | 69    | 136042   | 50.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.44% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 227068   | 36.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.58%  |
| 21) 2-Butanone-d5              | 3.94    | 46    | 223736   | 75.48    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 75.48%  |
| 24) Chloroform-d               | 4.38    | 84    | 282061   | 43.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 189146   | 44.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.94%  |
| 32) Benzene-d6                 | 5.07    | 84    | 524226   | 50.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 178546   | 45.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.48%  |
| 41) Toluene-d8                 | 7.34    | 98    | 481408   | 52.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.84% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 82754    | 39.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.34%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 177853   | 78.95    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.95%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 263271   | 38.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 76.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 185475   | 43.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.08%  |

## Target Compounds

|                            |       |     |       |            | Ovalue |
|----------------------------|-------|-----|-------|------------|--------|
| 25) Chloroform             | 4.41  | 83  | 11609 | 1.467 ug/L | 94     |
| 34) Trichloroethene        | 5.95  | 95  | 3429  | 0.771 ug/L | 92     |
| 51) Chlorobenzene          | 8.91  | 112 | 11352 | 0.951 ug/L | 99     |
| 63) 1,4-Dichlorobenzene    | 11.30 | 146 | 10011 | 1.267 ug/L | 96     |
| 65) 1,2-Dichlorobenzene    | 11.67 | 146 | 7796  | 0.967 ug/L | 94     |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 2804  | 0.604 ug/L | 96     |

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

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