

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\  
 Data File : VV019503.D  
 Acq On : 07 Dec 2020 20:35  
 Operator : SY/MD  
 Sample : VIBLK78  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK78

Quant Time: Dec 08 04:01:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120720WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 08 03:05:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 289966   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 283562   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 120398   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 67345    | 37.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.62%   |
| 7) Chloroethane-d5             | 1.58    | 69    | 91274    | 49.84    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.68%   |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 182789   | 43.76    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.52%   |
| 21) 2-Butanone-d5              | 3.90    | 46    | 149844   | 108.58   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.58%  |
| 24) Chloroform-d               | 4.37    | 84    | 227675   | 54.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 162749   | 57.92    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 115.84%  |
| 32) Benzene-d6                 | 5.07    | 84    | 447584   | 56.48    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.96%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 151523   | 56.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.32%  |
| 41) Toluene-d8                 | 7.33    | 98    | 371690   | 54.35    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.70%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66356    | 51.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 103.06%  |
| 47) 2-Hexanone-d5              | 8.10    | 63    | 76727    | 96.96    | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.96%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 158389   | 49.46    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.92%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 131917   | 60.40    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 120.80%# |

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

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

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