

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\  
 Data File : VV017931.D  
 Acq On : 12 Aug 2020 16:47  
 Operator : SY/MD  
 Sample : VIBLK51  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK51

Quant Time: Aug 13 05:26:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 13 04:34:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 265994   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 254438   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 111004   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 92526    | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.18%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 79033    | 47.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137945   | 35.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.06%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 135664   | 102.06   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.06% |
| 24) Chloroform-d               | 4.38    | 84    | 178249   | 48.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 123354   | 51.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.82% |
| 32) Benzene-d6                 | 5.07    | 84    | 358163   | 51.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.16% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 115933   | 50.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.14% |
| 41) Toluene-d8                 | 7.34    | 98    | 309603   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.20%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51527    | 49.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.12%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 67536    | 91.80    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 138259   | 46.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 119555   | 54.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.44% |

## Target Compounds

|                            |      |     |      |            | Ovalue |
|----------------------------|------|-----|------|------------|--------|
| 16) Methylene chloride     | 2.52 | 84  | 1776 | 0.781 ug/L | 92     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 1283 | 0.637 ug/L | 87     |
| 34) Trichloroethene        | 5.94 | 95  | 4282 | 2.058 ug/L | 93     |
| 46) Tetrachloroethene      | 8.00 | 164 | 1036 | 0.679 ug/L | 92     |

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

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