

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\  
 Data File : VV016095.D  
 Acq On : 18 May 2020 12:24  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK

Quant Time: May 19 05:01:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM051820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 19 04:04:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 335310   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 322747   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 152400   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 122097   | 50.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 100.98% |
| 7) Chloroethane-d5             | 1.58    | 69    | 107883   | 50.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.58% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 175668   | 38.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.84%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 147092   | 100.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.85% |
| 24) Chloroform-d               | 4.38    | 84    | 222943   | 48.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 158905   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.86%  |
| 32) Benzene-d6                 | 5.08    | 84    | 450710   | 50.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.86% |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 143220   | 51.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.30% |
| 41) Toluene-d8                 | 7.34    | 98    | 415284   | 50.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.56% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 70428    | 50.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.32% |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 98742    | 108.32   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 171663   | 48.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.44%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 156005   | 51.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.52% |

## Target Compounds

|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 14) Carbon disulfide           | 2.32  | 76  | 11945 | 2.108 ug/L # | 93     |
| 25) Chloroform                 | 4.41  | 83  | 8629  | 1.847 ug/L   | 98     |
| 62) 1,3-Dichlorobenzene        | 11.21 | 146 | 5484  | 1.159 ug/L   | 96     |
| 63) 1,4-Dichlorobenzene        | 11.30 | 146 | 6698  | 1.384 ug/L   | 97     |
| 65) 1,2-Dichlorobenzene        | 11.67 | 146 | 4973  | 1.041 ug/L   | 92     |
| 66) 1,2-Dibromo-3-chloropropan | 12.46 | 75  | 1265  | 1.713 ug/L # | 81     |
| 68) 1,2,4-trichlorobenzene     | 13.29 | 180 | 9804  | 3.340 ug/L   | 96     |
| 70) 1,2,3-Trichlorobenzene     | 13.77 | 180 | 11103 | 3.733 ug/L   | 95     |

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

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