

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\  
 Data File : VV017842.D  
 Acq On : 07 Aug 2020 16:03  
 Operator : SY/MD  
 Sample : VIBLK50  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK50

Quant Time: Aug 08 01:35:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 08 00:22:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 241259   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 238360   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 131973   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 65277    | 55.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 110.98% |
| 7) Chloroethane-d5             | 1.58    | 69    | 55820    | 55.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 111.14% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 121975   | 43.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.28%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 78346    | 88.56    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.56%  |
| 24) Chloroform-d               | 4.38    | 84    | 161253   | 50.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.30% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 124494   | 53.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.02% |
| 32) Benzene-d6                 | 5.08    | 84    | 277373   | 49.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.38%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 71755    | 46.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.14%  |
| 41) Toluene-d8                 | 7.34    | 98    | 278790   | 50.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.84% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 26566    | 25.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 51.62%# |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 47474    | 70.92    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 70.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 105150   | 44.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 139032   | 53.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.34% |

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

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

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