

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV122120\  
 Data File : VV019777.D  
 Acq On : 21 Dec 2020 15:52  
 Operator : SY/MD  
 Sample : VIBLK70  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK70

Quant Time: Dec 22 01:10:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 22 00:24:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 607446   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 563109   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.26 | 152  | 242363   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 170884   | 39.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.46%   |
| 7) Chloroethane-d5             | 1.57    | 69    | 157264   | 45.78    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.56%   |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 258282   | 31.95    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.90%   |
| 21) 2-Butanone-d5              | 3.89    | 46    | 345348   | 145.87   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 145.87%# |
| 24) Chloroform-d               | 4.35    | 84    | 385655   | 49.13    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.26%   |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 285586   | 55.67    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.34%  |
| 32) Benzene-d6                 | 5.05    | 84    | 753670   | 50.18    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.36%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 253230   | 53.83    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.66%  |
| 41) Toluene-d8                 | 7.32    | 98    | 623847   | 46.14    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.28%   |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 117763   | 44.01    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.02%   |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 213838   | 115.81   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 115.81%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 325551   | 51.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 230069   | 50.78    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.56%  |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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