

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\  
 Data File : VV015286.D  
 Acq On : 30 Mar 2020 20:56  
 Operator : SY/MD  
 Sample : VIBLK83  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK83

Manual Integrations  
 APPROVED

MMDadoda  
 3/31/2020 4:21:54 PM

Quant Time: Mar 31 05:37:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM033020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 31 02:12:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 601338   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 581940   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 245547   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 215705   | 49.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.40%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 212912   | 52.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.36% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 335029   | 35.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.86%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 285118m  | 99.44    | ug/L | -0.01   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.44%  |
| 24) Chloroform-d               | 4.38    | 84    | 394559   | 50.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.10% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 267527   | 51.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.84% |
| 32) Benzene-d6                 | 5.08    | 84    | 784550   | 51.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.30% |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 248978   | 52.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.82% |
| 41) Toluene-d8                 | 7.34    | 98    | 746122   | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.54% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 125945   | 48.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.36%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 249774   | 112.07   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 112.07% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 343903   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 255589   | 52.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.60% |

Target Compounds Ovalue

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

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