

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\  
 Data File : VV015300.D  
 Acq On : 31 Mar 2020 03:25  
 Operator : SY/MD  
 Sample : VIBLK86  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK86

Manual Integrations  
 APPROVED

MMDadoda  
 3/31/2020 4:21:25 PM

Quant Time: Mar 31 06:56:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM033020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 31 06:20:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 617851   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 598170   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 258357   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 177803   | 39.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.94%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 173583   | 41.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 281855   | 29.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.02%# |
| 21) 2-Butanone-d5              | 3.93    | 46    | 271298m  | 92.09    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.09%  |
| 24) Chloroform-d               | 4.38    | 84    | 337895   | 41.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 232576   | 43.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.86%  |
| 32) Benzene-d6                 | 5.08    | 84    | 662929   | 42.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.92%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 214763   | 43.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.96%  |
| 41) Toluene-d8                 | 7.34    | 98    | 615866   | 40.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.54%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 103301   | 38.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.70%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 217553   | 94.97    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.97%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 308387   | 42.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 215723   | 41.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.90%  |

Target Compounds Ovalue

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

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