

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\  
 Data File : VV016904.D  
 Acq On : 13 Jun 2020 02:07  
 Operator : SY/MD  
 Sample : VIBLK52  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK52

Manual Integrations  
 APPROVED

MMDadoda  
 6/15/2020 3:01:49 PM

Quant Time: Jun 13 06:29:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 13 06:09:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 373189   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 347318   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 162477   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 94292    | 35.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.62%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 53918    | 34.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 68.24%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 141206   | 31.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.86%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 179843   | 92.27    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.27%  |
| 24) Chloroform-d               | 4.37    | 84    | 236449m  | 44.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 174319   | 47.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.72%  |
| 32) Benzene-d6                 | 5.07    | 84    | 448239   | 44.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 141054   | 45.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.40%  |
| 41) Toluene-d8                 | 7.34    | 98    | 410508   | 44.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.36%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 70094    | 43.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.24%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 102777   | 75.54    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 173606   | 42.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 167532   | 48.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.64%  |

Target Compounds Ovalue

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

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