

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015184.D  
 Acq On : 26 Mar 2020 23:01  
 Operator : SY/MD  
 Sample : VIBLK73  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 27 05:55:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 03:08:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 625266   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 599695   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 262001   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 154491   | 46.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.10%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 160532   | 47.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 234083   | 30.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.20%  |
| 21) 2-Butanone-d5              | 3.94    | 46    | 341463   | 102.23   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.23% |
| 24) Chloroform-d               | 4.38    | 84    | 339352   | 46.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 241586   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.56%  |
| 32) Benzene-d6                 | 5.08    | 84    | 611531   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 220392   | 49.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.06%  |
| 41) Toluene-d8                 | 7.34    | 98    | 536550   | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.00%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 115388   | 47.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.22%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 269197   | 103.46   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 366534   | 48.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 241366   | 49.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.68%  |

| Target Compounds        |       |     |        |            | Ovalue |
|-------------------------|-------|-----|--------|------------|--------|
| 25) Chloroform          | 4.40  | 83  | 14571m | 1.747 ug/L |        |
| 63) 1,4-Dichlorobenzene | 11.30 | 146 | 7075   | 0.797 ug/L | 90     |

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

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