

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\  
 Data File : VV018649.D  
 Acq On : 03 Oct 2020 00:43  
 Operator : SY/MD  
 Sample : L4203-08DL2 200X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3N9DL2

Quant Time: Oct 03 04:40:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 03 02:08:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 294624   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 293296   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 141050   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 77614    | 44.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.84% |
| 7) Chloroethane-d5             | 1.58    | 69    | 65525    | 45.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.72% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 126503   | 35.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.86% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 108752   | 84.38    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.38% |
| 24) Chloroform-d               | 4.38    | 84    | 160792   | 43.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.06% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 108436   | 45.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.44% |
| 32) Benzene-d6                 | 5.07    | 84    | 308967   | 41.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.18% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 96581    | 43.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.06% |
| 41) Toluene-d8                 | 7.34    | 98    | 281905   | 40.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.66% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 47659    | 39.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.60% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 61511    | 72.14    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 72.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 114971   | 38.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 77.26% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 126158   | 46.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.02% |

| Target Compounds      |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 4215   | 1.685 ug/L  | 93     |
| 46) Tetrachloroethene | 8.00 | 164 | 116971 | 57.637 ug/L | 99     |

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

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