

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\  
 Data File : VV017948.D  
 Acq On : 13 Aug 2020 00:33  
 Operator : SY/MD  
 Sample : L3665-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F2M27

Quant Time: Aug 13 06:36:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 13 05:58:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 246930   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 244991   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 113057   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 83897    | 44.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.06%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 72630    | 47.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 121266   | 33.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.30%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 118365   | 95.92    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.92%  |
| 24) Chloroform-d               | 4.38    | 84    | 156092   | 45.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 111575   | 50.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.18% |
| 32) Benzene-d6                 | 5.08    | 84    | 320717   | 47.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 105483   | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.58%  |
| 41) Toluene-d8                 | 7.34    | 98    | 279429   | 46.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.04%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 43649    | 43.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.20%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 60242    | 85.05    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.05%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 132487   | 46.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.18%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 113336   | 50.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.88% |

## Target Compounds

|                              |      |    |        |         | Ovalue   |
|------------------------------|------|----|--------|---------|----------|
| 5) Vinyl chloride            | 1.32 | 62 | 544248 | 248.048 | ug/L 100 |
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 12695  | 7.456   | ug/L 98  |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96 | 6584   | 3.519   | ug/L 92  |
| 25) Chloroform               | 4.41 | 83 | 7369   | 2.110   | ug/L 93  |

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

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