

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\  
 Data File : VV018032.D  
 Acq On : 17 Aug 2020 17:57  
 Operator : SY/MD  
 Sample : L3665-20  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4L73

Quant Time: Aug 18 03:08:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 18 01:23:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 257378   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 256627   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 121300   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 82763    | 42.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.30% |
| 7) Chloroethane-d5             | 1.58    | 69    | 73213    | 45.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.14% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 123607   | 32.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.82% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 120857   | 93.96    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.96% |
| 24) Chloroform-d               | 4.38    | 84    | 150299   | 42.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.08% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 110415   | 47.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.10% |
| 32) Benzene-d6                 | 5.07    | 84    | 321799   | 45.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.00% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 105477   | 45.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.24% |
| 41) Toluene-d8                 | 7.34    | 98    | 280192   | 44.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.10% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 47923    | 45.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.40% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 62177    | 83.80    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 135177   | 44.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 118025   | 49.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.88% |

## Target Compounds

|                              |      |    |        |        | Ovalue  |
|------------------------------|------|----|--------|--------|---------|
| 5) Vinyl chloride            | 1.32 | 62 | 60330  | 26.380 | ug/L 95 |
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 11366  | 6.404  | ug/L 97 |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96 | 169062 | 86.687 | ug/L 98 |
| 25) Chloroform               | 4.41 | 83 | 12589  | 3.459  | ug/L 94 |

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

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