

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\  
 Data File : VV017184.D  
 Acq On : 26 Jun 2020 16:17  
 Operator : SY/MD  
 Sample : L3103-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q09

Quant Time: Jun 27 00:47:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 27 00:23:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 351991   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 335533   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 158645   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 104483   | 42.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.14% |
| 7) Chloroethane-d5             | 1.58    | 69    | 64924    | 43.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.12% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 157055   | 37.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.32% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 152884   | 83.17    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.17% |
| 24) Chloroform-d               | 4.38    | 84    | 224015   | 44.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.72% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 162537   | 47.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.64% |
| 32) Benzene-d6                 | 5.08    | 84    | 425522   | 43.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.98% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 127664   | 42.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.68% |
| 41) Toluene-d8                 | 7.34    | 98    | 386137   | 43.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.02% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64261    | 40.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.84% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 102543   | 78.01    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.01% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 170438   | 42.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 160409   | 47.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.76% |

## Target Compounds

|                            |      |    |       |        | Ovalue  |
|----------------------------|------|----|-------|--------|---------|
| 13) Acetone                | 2.19 | 43 | 27724 | 22.890 | ug/L 99 |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 32576 | 12.545 | ug/L 98 |
| 34) Trichloroethene        | 5.94 | 95 | 75676 | 28.423 | ug/L 98 |

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

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