

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
 Data File : VV017421.D  
 Acq On : 10 Jul 2020 00:33  
 Operator : SY/MD  
 Sample : L3253-14  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A29

Quant Time: Jul 10 05:44:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 10 05:13:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 276867   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 262004   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 127515   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 57854    | 40.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.28% |
| 7) Chloroethane-d5             | 1.58    | 69    | 44317    | 43.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.54% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 100010   | 30.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.28% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 91234    | 92.67    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.67% |
| 24) Chloroform-d               | 4.38    | 84    | 141731   | 42.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.02% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 105780   | 46.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.46% |
| 32) Benzene-d6                 | 5.08    | 84    | 250672   | 44.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.58% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 74125    | 45.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.96% |
| 41) Toluene-d8                 | 7.34    | 98    | 233446   | 42.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.80% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 40455    | 42.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.30% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 60903    | 91.05    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.05% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 99421    | 43.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.90% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 101212   | 47.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.94% |

## Target Compounds

|                            |      |     |        |             | Ovalue |
|----------------------------|------|-----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62  | 5587   | 2.641 ug/L  | # 81   |
| 13) Acetone                | 2.19 | 43  | 8281   | 6.179 ug/L  | 69     |
| 19) 1,1-Dichloroethane     | 3.22 | 63  | 10033  | 3.017 ug/L  | 88     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 137156 | 70.785 ug/L | 99     |
| 34) Trichloroethene        | 5.95 | 95  | 3276   | 1.593 ug/L  | 88     |
| 46) Tetrachloroethene      | 8.00 | 164 | 9142   | 5.295 ug/L  | 94     |

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

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