

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
 Data File : VV017420.D  
 Acq On : 10 Jul 2020 00:10  
 Operator : SY/MD  
 Sample : L3253-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A28

Quant Time: Jul 10 05:42:16 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  | 272308   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 257545   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 123120   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 57133    | 40.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.60% |
| 7) Chloroethane-d5             | 1.58    | 69    | 44543    | 44.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.46% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 98950    | 30.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.66% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 89889    | 92.83    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.83% |
| 24) Chloroform-d               | 4.38    | 84    | 140594   | 42.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.76% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 104952   | 46.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.26% |
| 32) Benzene-d6                 | 5.08    | 84    | 250166   | 44.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.94% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 72493    | 45.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.50% |
| 41) Toluene-d8                 | 7.34    | 98    | 234139   | 43.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.54% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 39941    | 42.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.66% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 57090    | 86.83    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.83% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 98736    | 43.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.78% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 101057   | 49.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.18% |

## Target Compounds

|                            |      |     |      |              | Ovalue |
|----------------------------|------|-----|------|--------------|--------|
| 13) Acetone                | 2.20 | 43  | 8877 | 6.735 ug/L   | 78     |
| 20) cis-1,2-Dichloroethene | 3.95 | 96  | 1861 | 0.977 ug/L # | 57     |
| 34) Trichloroethene        | 5.95 | 95  | 1578 | 0.781 ug/L   | 81     |
| 46) Tetrachloroethene      | 8.00 | 164 | 7876 | 4.641 ug/L   | 81     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
Data File : VV017420.D  
Acq On : 10 Jul 2020 00:10  
Operator : SY/MD  
Sample : L3253-13  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A28

Quant Time: Jul 10 05:42:16 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 10 05:13:25 2020  
Response via : Initial Calibration

