

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\  
 Data File : VU038841.D  
 Acq On : 12 Jun 2020 10:19  
 Operator : SY/MD  
 Sample : VSTD01005  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD01005

Quant Time: Jun 12 10:56:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 12 10:34:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 293828   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 293821   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 153571   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |      |      |
|--------------------------------|-------|-----|--------|-------|------|------|
| 4) Vinyl Chloride-d3           | 1.61  | 65  | 155737 | 8.19  | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.93  | 69  | 127026 | 8.69  | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.59  | 63  | 358175 | 9.57  | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 4.68  | 46  | 515502 | 89.23 | ug/L | 0.00 |
| 24) Chloroform-d               | 5.10  | 84  | 352633 | 9.87  | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.74  | 65  | 195414 | 9.64  | ug/L | 0.00 |
| 32) Benzene-d6                 | 5.76  | 84  | 696002 | 9.49  | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 6.72  | 67  | 208374 | 9.24  | ug/L | 0.00 |
| 41) Toluene-d8                 | 7.92  | 98  | 646702 | 9.83  | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 8.20  | 79  | 96301  | 9.93  | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 8.65  | 63  | 438551 | 91.55 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84  | 178377 | 9.32  | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 12.20 | 152 | 246726 | 9.32  | ug/L | 0.00 |

## Target Compounds

|                                |      |     |         |              | Qvalue |
|--------------------------------|------|-----|---------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 275102  | 11.879 ug/L  | 100    |
| 3) Chloromethane               | 1.53 | 50  | 225007  | 10.580 ug/L  | 99     |
| 5) Vinyl chloride              | 1.62 | 62  | 241226  | 10.586 ug/L  | 100    |
| 6) Bromomethane                | 1.87 | 94  | 140967  | 12.743 ug/L  | 98     |
| 8) Chloroethane                | 1.95 | 64  | 142788  | 10.458 ug/L  | 99     |
| 9) Trichlorofluoromethane      | 2.16 | 101 | 357316  | 11.821 ug/L  | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101 | 203229  | 11.415 ug/L  | 98     |
| 12) 1,1-Dichloroethene         | 2.60 | 96  | 197923  | 10.938 ug/L  | 94     |
| 13) Acetone                    | 2.68 | 43  | 393800  | 104.162 ug/L | 98     |
| 14) Carbon disulfide           | 2.82 | 76  | 671208  | 10.932 ug/L  | 98     |
| 15) Methyl Acetate             | 2.99 | 43  | 95826   | 10.346 ug/L  | 99     |
| 16) Methylene chloride         | 3.08 | 84  | 218596  | 10.675 ug/L  | 98     |
| 17) Methyl tert-butyl Ether    | 3.40 | 73  | 528680  | 11.142 ug/L  | 100    |
| 18) trans-1,2-Dichloroethene   | 3.39 | 96  | 210937  | 10.816 ug/L  | 99     |
| 19) 1,1-Dichloroethane         | 3.91 | 63  | 383307  | 10.983 ug/L  | 100    |
| 21) 2-Butanone                 | 4.75 | 43  | 676122  | 106.326 ug/L | 99     |
| 22) cis-1,2-Dichloroethene     | 4.71 | 96  | 225721  | 10.749 ug/L  | 99     |
| 23) Bromochloromethane         | 5.01 | 128 | 102940  | 10.893 ug/L  | 94     |
| 25) Chloroform                 | 5.13 | 83  | 390829  | 11.024 ug/L  | 99     |
| 27) 1,2-Dichloroethane         | 5.83 | 62  | 277618  | 11.123 ug/L  | 96     |
| 29) 1,1,1-Trichloroethane      | 5.35 | 97  | 349763  | 11.250 ug/L  | 98     |
| 30) Cyclohexane                | 5.42 | 56  | 349444  | 10.719 ug/L  | 98     |
| 31) Carbon tetrachloride       | 5.56 | 117 | 297725  | 11.502 ug/L  | 100    |
| 33) Benzene                    | 5.81 | 78  | 868142  | 10.596 ug/L  | 100    |
| 34) Trichloroethene            | 6.57 | 95  | 225678  | 10.612 ug/L  | 97     |
| 35) Methylcyclohexane          | 6.79 | 83  | 361828  | 10.990 ug/L  | 96     |
| 37) 1,2-Dichloropropane        | 6.82 | 63  | 217155  | 10.533 ug/L  | 100    |
| 38) Bromodichloromethane       | 7.13 | 83  | 283734  | 11.081 ug/L  | 99     |
| 39) cis-1,3-Dichloropropene    | 7.63 | 75  | 338489  | 11.109 ug/L  | 97     |
| 40) 4-Methyl-2-pentanone       | 7.82 | 43  | 1519811 | 103.075 ug/L | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\  
 Data File : VU038841.D  
 Acq On : 12 Jun 2020 10:19  
 Operator : SY/MD  
 Sample : VSTD01005  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD01005

Quant Time: Jun 12 10:56:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 12 10:34:22 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) Toluene                    | 7.99  | 91   | 937436   | 10.908  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene  | 8.23  | 75   | 299353   | 11.124  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane      | 8.42  | 97   | 166137   | 10.681  | ug/L  | 97       |
| 47) Tetrachloroethene          | 8.57  | 164  | 170104   | 11.010  | ug/L  | 99       |
| 48) 2-Hexanone                 | 8.71  | 43   | 1152063  | 103.172 | ug/L  | 99       |
| 49) Dibromochloromethane       | 8.83  | 129  | 190893   | 11.370  | ug/L  | 98       |
| 50) 1,2-Dibromoethane          | 8.94  | 107  | 163110   | 10.951  | ug/L  | 99       |
| 51) Chlorobenzene              | 9.47  | 112  | 592422   | 10.689  | ug/L  | 98       |
| 52) Ethylbenzene               | 9.59  | 91   | 1036183  | 10.837  | ug/L  | 99       |
| 53) m,p-Xylene                 | 9.71  | 106  | 403008   | 10.960  | ug/L  | 98       |
| 54) o-Xylene                   | 10.11 | 106  | 387091   | 10.966  | ug/L  | 97       |
| 55) Styrene                    | 10.13 | 104  | 688506   | 11.491  | ug/L  | 97       |
| 56) Isopropylbenzene           | 10.50 | 105  | 1025171  | 11.034  | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane  | 10.80 | 83   | 205962   | 10.419  | ug/L  | 98       |
| 59) 1,2,3-Trichloropropane     | 10.84 | 75   | 162034   | 10.529  | ug/L  | 100      |
| 61) Bromoform                  | 10.31 | 173  | 108344   | 11.325  | ug/L  | 100      |
| 62) 1,3-Dichlorobenzene        | 11.76 | 146  | 480131   | 10.641  | ug/L  | 98       |
| 63) 1,4-Dichlorobenzene        | 11.85 | 146  | 484033   | 10.579  | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene        | 12.22 | 146  | 455475   | 10.631  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 13.01 | 75   | 37208    | 10.726  | ug/L  | 95       |
| 67) 1,3,5-Trichlorobenzene     | 13.24 | 180  | 355703   | 10.566  | ug/L  | 98       |
| 68) 1,2,4-trichlorobenzene     | 13.87 | 180  | 323389   | 10.379  | ug/L  | 98       |
| 69) Naphthalene                | 14.11 | 128  | 654125   | 10.549  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene     | 14.36 | 180  | 305344   | 10.770  | ug/L  | 99       |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\  
Data File : VU038841.D  
Acq On : 12 Jun 2020 10:19  
Operator : SY/MD  
Sample : VSTD01005  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD01005

Quant Time: Jun 12 10:56:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR061220WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 12 10:34:22 2020  
Response via : Initial Calibration

