

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051022\  
 Data File : VU048503.D  
 Acq On : 10 May 2022 19:54  
 Operator : SY/MD  
 Sample : N2736-03MS  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET9MS

Quant Time: May 11 05:25:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 11 05:17:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 269724   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 263524   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813  | 152   | 147866   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 77853    | 33.515   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 67.040%  |
| 7) Chloroethane-d5            | 1.913   | 69    | 61936    | 40.854   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 81.700%  |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 178452   | 43.165   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.340%  |
| 21) 2-Butanone-d5             | 4.617   | 46    | 157092   | 79.408   | ug/L   | -0.01    |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 79.410%  |
| 24) Chloroform-d              | 5.064   | 84    | 196089   | 48.600   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 135237   | 51.563   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.120% |
| 32) Benzene-d6                | 5.729   | 84    | 351459   | 43.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.780%  |
| 36) 1,2-Dichloropropane-d6    | 6.691   | 67    | 108379   | 41.503   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 83.000%  |
| 41) Toluene-d8                | 7.896   | 98    | 323034   | 45.611   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.220%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 41347    | 34.401   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.800%  |
| 47) 2-Hexanone-d5             | 8.630   | 63    | 119701   | 94.706   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.710%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 171595   | 43.139   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 86.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 136040   | 46.462   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.920%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.386   | 85    | 119931   | 49.154   | ug/L   | 98       |
| 3) Chloromethane              | 1.524   | 50    | 104514   | 37.449   | ug/L   | 100      |
| 5) Vinyl chloride             | 1.604   | 62    | 104774   | 39.518   | ug/L   | 96       |
| 6) Bromomethane               | 1.855   | 94    | 61407    | 46.835   | ug/L   | 99       |
| 8) Chloroethane               | 1.932   | 64    | 65237    | 45.767   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 2.138   | 101   | 186138   | 53.435   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.582   | 101   | 87608    | 43.826   | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.582   | 96    | 90048    | 47.645   | ug/L   | 96       |
| 13) Acetone                   | 2.623   | 43    | 122160   | 81.906   | ug/L   | 96       |
| 14) Carbon disulfide          | 2.794   | 76    | 261879   | 44.704   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.948   | 43    | 88325    | 28.908   | ug/L # | 91       |
| 16) Methylene chloride        | 3.045   | 84    | 109420   | 47.343   | ug/L   | 90       |
| 17) trans-1,2-Dichloroethene  | 3.356   | 96    | 99783    | 49.486   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 3.363   | 73    | 353850   | 52.110   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.871   | 63    | 194539   | 46.790   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.668   | 96    | 114757   | 50.434   | ug/L   | 93       |
| 22) 2-Butanone                | 4.697   | 43    | 183319   | 82.224   | ug/L   | 94       |
| 23) Bromochloromethane        | 4.977   | 128   | 61995    | 51.700   | ug/L   | 85       |
| 25) Chloroform                | 5.090   | 83    | 217234   | 52.911   | ug/L   | 100      |

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET9MS

Quant Time: May 11 05:25:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 11 05:17:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.794  | 62   | 186417   | 55.225 | ug/L   | 99       |
| 29) Cyclohexane               | 5.389  | 56   | 144328   | 39.689 | ug/L   | 90       |
| 30) 1,1,1-Trichloroethane     | 5.318  | 97   | 201951   | 55.182 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.527  | 117  | 175599   | 56.035 | ug/L   | 98       |
| 33) Benzene                   | 5.774  | 78   | 432633   | 47.681 | ug/L   | 100      |
| 34) Trichloroethene           | 6.543  | 95   | 109835   | 49.246 | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.765  | 83   | 141125   | 39.658 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.790  | 63   | 111658   | 44.091 | ug/L # | 97       |
| 38) Bromodichloromethane      | 7.106  | 83   | 169164   | 54.861 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 7.607  | 75   | 127998   | 35.535 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.790  | 43   | 352351   | 86.837 | ug/L # | 95       |
| 42) Toluene                   | 7.970  | 91   | 461481   | 49.279 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.212  | 75   | 132525   | 37.860 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 8.398  | 97   | 115539   | 50.450 | ug/L   | 95       |
| 46) Tetrachloroethene         | 8.552  | 164  | 82466    | 49.218 | ug/L   | 97       |
| 48) 2-Hexanone                | 8.681  | 43   | 281788   | 83.564 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.810  | 129  | 136576   | 55.531 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 126911   | 52.424 | ug/L   | 99       |
| 51) Chlorobenzene             | 9.446  | 112  | 299908   | 50.828 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.568  | 91   | 490510   | 50.283 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.694  | 106  | 190750   | 50.658 | ug/L   | 98       |
| 54) o-Xylene                  | 10.099 | 106  | 192976   | 50.940 | ug/L   | 98       |
| 55) Styrene                   | 10.112 | 104  | 321945   | 52.269 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.781 | 83   | 195141   | 45.463 | ug/L # | 99       |
| 59) Bromoform                 | 10.292 | 173  | 106961   | 51.005 | ug/L   | 99       |
| 60) 1,2,3-Trichloropropane    | 10.822 | 75   | 169161   | 43.826 | ug/L   | 95       |
| 61) Isopropylbenzene          | 10.485 | 105  | 491076   | 47.395 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 276828   | 48.467 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.469 | 105  | 430429   | 50.601 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 233224   | 47.726 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 238372   | 48.653 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 243610   | 48.714 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.996 | 75   | 61474    | 54.340 | ug/L   | 98       |
| 69) 1,3,5-Trichlorobenzene    | 13.218 | 180  | 164195   | 47.522 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.838 | 180  | 152324   | 50.765 | ug/L   | 98       |
| 71) Naphthalene               | 14.086 | 128  | 573539   | 49.635 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 162792   | 51.011 | ug/L   | 99       |

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

