

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051022\  
 Data File : VU048504.D  
 Acq On : 10 May 2022 20:18  
 Operator : SY/MD  
 Sample : N2736-04MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET9MSD

Quant Time: May 11 05:25:53 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   | 272987   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 269089   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 153635   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 78240    | 33.279   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 66.560%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 63023    | 41.074   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 82.140%  |
| 11) 1,1-Dichloroethene-d2     | 2.571   | 63    | 173116   | 41.374   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.740%  |
| 21) 2-Butanone-d5             | 4.616   | 46    | 160245   | 80.034   | ug/L   | -0.01    |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 80.030%  |
| 24) Chloroform-d              | 5.063   | 84    | 196164   | 48.038   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.080%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 133004   | 50.106   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.220% |
| 32) Benzene-d6                | 5.729   | 84    | 352793   | 43.144   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.280%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 107564   | 40.339   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 80.680%  |
| 41) Toluene-d8                | 7.899   | 98    | 324955   | 44.934   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.860%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 41749    | 34.017   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.040%  |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 122193   | 94.678   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 172226   | 42.402   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 84.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 134914   | 44.347   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.700%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.385   | 85    | 109880   | 44.496   | ug/L   | 99       |
| 3) Chloromethane              | 1.523   | 50    | 97779    | 34.617   | ug/L   | 100      |
| 5) Vinyl chloride             | 1.604   | 62    | 96167    | 35.838   | ug/L   | 99       |
| 6) Bromomethane               | 1.854   | 94    | 55879    | 42.109   | ug/L   | 99       |
| 8) Chloroethane               | 1.932   | 64    | 59045    | 40.927   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 2.137   | 101   | 174162   | 49.399   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.581   | 101   | 82164    | 40.612   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.581   | 96    | 82769    | 43.270   | ug/L   | 100      |
| 13) Acetone                   | 2.623   | 43    | 111559   | 73.904   | ug/L   | 98       |
| 14) Carbon disulfide          | 2.793   | 76    | 238811   | 40.279   | ug/L   | 98       |
| 15) Methyl Acetate            | 2.948   | 43    | 78797    | 25.481   | ug/L # | 91       |
| 16) Methylene chloride        | 3.047   | 84    | 100719   | 43.057   | ug/L   | 89       |
| 17) trans-1,2-Dichloroethene  | 3.356   | 96    | 91153    | 44.666   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 3.362   | 73    | 327581   | 47.664   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.870   | 63    | 179536   | 42.665   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.668   | 96    | 104543   | 45.396   | ug/L   | 93       |
| 22) 2-Butanone                | 4.697   | 43    | 170161   | 75.410   | ug/L   | 94       |
| 23) Bromochloromethane        | 4.976   | 128   | 56718    | 46.734   | ug/L   | 83       |
| 25) Chloroform                | 5.089   | 83    | 198478   | 47.764   | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051022\  
 Data File : VU048504.D  
 Acq On : 10 May 2022 20:18  
 Operator : SY/MD  
 Sample : N2736-04MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET9MSD

Quant Time: May 11 05:25:53 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        | 5.796  | 62   | 171180   | 50.105 | ug/L   | 98       |
| 29) Cyclohexane               | 5.391  | 56   | 139503   | 37.569 | ug/L   | 91       |
| 30) 1,1,1-Trichloroethane     | 5.317  | 97   | 185769   | 49.711 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.526  | 117  | 166590   | 52.061 | ug/L   | 99       |
| 33) Benzene                   | 5.774  | 78   | 399944   | 43.167 | ug/L   | 100      |
| 34) Trichloroethene           | 6.542  | 95   | 103070   | 45.257 | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.764  | 83   | 143705   | 39.548 | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 6.790  | 63   | 102404   | 39.601 | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.105  | 83   | 152315   | 48.375 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.607  | 75   | 117518   | 31.951 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.790  | 43   | 319881   | 77.205 | ug/L # | 95       |
| 42) Toluene                   | 7.970  | 91   | 427786   | 44.736 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 119706   | 33.490 | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 106792   | 45.666 | ug/L   | 97       |
| 46) Tetrachloroethene         | 8.555  | 164  | 79073    | 46.217 | ug/L   | 98       |
| 48) 2-Hexanone                | 8.681  | 43   | 262791   | 76.319 | ug/L # | 97       |
| 49) Dibromochloromethane      | 8.809  | 129  | 127205   | 50.651 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 117120   | 47.379 | ug/L   | 99       |
| 51) Chlorobenzene             | 9.446  | 112  | 281902   | 46.788 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.571  | 91   | 463553   | 46.536 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.693  | 106  | 183286   | 47.669 | ug/L   | 100      |
| 54) o-Xylene                  | 10.098 | 106  | 183329   | 47.393 | ug/L   | 98       |
| 55) Styrene                   | 10.115 | 104  | 302576   | 48.109 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 184421   | 42.077 | ug/L   | 99       |
| 59) Bromoform                 | 10.291 | 173  | 98455    | 45.186 | ug/L   | 99       |
| 60) 1,2,3-Trichloropropane    | 10.822 | 75   | 158440   | 39.507 | ug/L   | 96       |
| 61) Isopropylbenzene          | 10.484 | 105  | 470704   | 43.723 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 263410   | 44.386 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 410955   | 46.498 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 222029   | 43.729 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 227434   | 44.677 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 230615   | 44.384 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 57914    | 49.270 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.221 | 180  | 160438   | 44.691 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.838 | 180  | 145352   | 46.622 | ug/L   | 99       |
| 71) Naphthalene               | 14.085 | 128  | 563631   | 46.946 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 157949   | 47.635 | ug/L   | 97       |

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

