

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110322\  
 Data File : VU051737.D  
 Acq On : 03 Nov 2022 16:39  
 Operator : JC/MD  
 Sample : N4015-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05

Quant Time: Nov 04 00:52:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 04 00:49:19 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 185869   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 207319   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 99997    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 55924    | 3.995    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.800%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 56230    | 3.851    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 23695    | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.200%  |
| 20) 2-Butanone-d5             | 4.620  | 46    | 167343   | 33.008   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 66.020%  |
| 24) Chloroform-d              | 5.060  | 84    | 129554   | 3.955    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 64771    | 3.660    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.200%  |
| 32) Benzene-d6                | 5.726  | 84    | 240041   | 3.669    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 73.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 82548    | 3.608    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 72.200%  |
| 41) Toluene-d8                | 7.896  | 98    | 196610   | 3.821    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.400%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 25681    | 3.671    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.400%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 129384   | 30.726   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 61.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 76113    | 3.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 72.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 76034    | 4.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 82.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.385  | 85    | 11178    | 0.550    | ug/L   | 97       |
| 3) Chloromethane              | 1.523  | 50    | 13316    | 0.520    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.604  | 62    | 13687    | 0.558    | ug/L # | 1        |
| 6) Bromomethane               | 1.854  | 94    | 2304     | 0.198    | ug/L   | 99       |
| 8) Chloroethane               | 1.932  | 64    | 9065     | 0.608    | ug/L # | 60       |
| 9) Trichlorofluoromethane     | 2.137  | 101   | 15129    | 0.561    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101   | 9311     | 0.588    | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 9196     | 0.569    | ug/L # | 1        |
| 13) Acetone                   | 2.623  | 43    | 16872    | 6.559    | ug/L   | 99       |
| 14) Carbon disulfide          | 2.790  | 76    | 36219    | 0.695    | ug/L   | 97       |
| 15) Methyl Acetate            | 2.951  | 43    | 3917     | 0.582    | ug/L   | 97       |
| 16) Methylene chloride        | 3.044  | 84    | 22106    | 0.835    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 3.362  | 73    | 18847    | 0.509    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96    | 9611     | 0.554    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 18280    | 0.571    | ug/L   | 97       |
| 21) 2-Butanone                | 4.706  | 43    | 22114    | 5.490    | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 10404    | 0.542    | ug/L   | 95       |
| 23) Bromochloromethane        | 4.973  | 128   | 4876     | 0.543    | ug/L   | 90       |
| 25) Chloroform                | 5.083  | 83    | 19754    | 0.595    | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110322\  
 Data File : VU051737.D  
 Acq On : 03 Nov 2022 16:39  
 Operator : JC/MD  
 Sample : N4015-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05

Quant Time: Nov 04 00:52:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 04 00:49:19 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 11398    | 0.558 | ug/L   | 96       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97   | 13708    | 0.487 | ug/L   | 96       |
| 30) Cyclohexane               | 5.385  | 56   | 10441    | 0.403 | ug/L   | 88       |
| 31) Carbon tetrachloride      | 5.523  | 117  | 12455    | 0.517 | ug/L   | 92       |
| 33) Benzene                   | 5.774  | 78   | 40480    | 0.495 | ug/L   | 100      |
| 34) Trichloroethene           | 6.542  | 95   | 9669     | 0.490 | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.761  | 83   | 10356    | 0.379 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.790  | 63   | 10182    | 0.484 | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.105  | 83   | 13571    | 0.528 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.603  | 75   | 12009    | 0.445 | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 7.787  | 43   | 43669    | 4.137 | ug/L   | 96       |
| 42) Toluene                   | 7.970  | 91   | 37224    | 0.443 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 11330    | 0.502 | ug/L   | 92       |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 7950     | 0.516 | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.552  | 164  | 7135     | 0.472 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.684  | 43   | 39219    | 5.020 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.809  | 129  | 8916     | 0.506 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 8.922  | 107  | 7225     | 0.519 | ug/L   | 96       |
| 51) Chlorobenzene             | 9.446  | 112  | 25849    | 0.489 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.568  | 91   | 33839    | 0.417 | ug/L   | 94       |
| 53) m,p-Xylene                | 9.693  | 106  | 12045    | 0.383 | ug/L   | 94       |
| 54) o-Xylene                  | 10.098 | 106  | 10567    | 0.343 | ug/L   | 92       |
| 55) Styrene                   | 10.115 | 104  | 17779    | 0.346 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 9782     | 0.512 | ug/L   | 98       |
| 59) Bromoform                 | 10.288 | 173  | 4919     | 0.532 | ug/L # | 95       |
| 60) Isopropylbenzene          | 10.481 | 105  | 26997    | 0.370 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 10.822 | 75   | 6975     | 0.539 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 7052     | 0.359 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 18698    | 0.330 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 16449    | 0.453 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 16913    | 0.464 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 16555    | 0.468 | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 12.992 | 75   | 1547     | 0.581 | ug/L   | 82       |
| 69) 1,3,5-Trichlorobenzene    | 13.217 | 180  | 11807    | 0.456 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.838 | 180  | 9065     | 0.456 | ug/L   | 92       |
| 71) Naphthalene               | 14.085 | 128  | 12492    | 0.337 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 8493     | 0.423 | ug/L   | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110322\  
Data File : VU051737.D  
Acq On : 03 Nov 2022 16:39  
Operator : JC/MD  
Sample : N4015-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-QT3-2022-05

Quant Time: Nov 04 00:52:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 04 00:49:19 2022  
Response via : Initial Calibration

