

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031522\  
 Data File : VU047583.D  
 Acq On : 15 Mar 2022 17:30  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005103

Quant Time: Mar 16 06:48:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 06:43:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 131075   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 129240   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 72228    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 32175    | 3.753    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 33775    | 4.341    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 14268    | 3.549    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.000%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 137222   | 55.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.260% |
| 24) Chloroform-d              | 5.067  | 84    | 84974    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 47258    | 4.633    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 32) Benzene-d6                | 5.729  | 84    | 153323   | 4.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 51291    | 4.335    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.800%  |
| 41) Toluene-d8                | 7.899  | 98    | 140358   | 3.979    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.600%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 21149    | 4.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 126258   | 48.968   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 54780    | 4.636    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 63808    | 4.228    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 44234    | 5.485    | ug/L   | 99       |
| 3) Chloromethane              | 1.523  | 50    | 40230    | 5.086    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.607  | 62    | 44203    | 5.419    | ug/L   | 99       |
| 6) Bromomethane               | 1.861  | 94    | 15866    | 4.134    | ug/L   | 97       |
| 8) Chloroethane               | 1.938  | 64    | 29185    | 5.920    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 63481    | 5.936    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 38290    | 5.672    | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 35860    | 5.492    | ug/L   | 82       |
| 13) Acetone                   | 2.658  | 43    | 60820    | 63.242   | ug/L   | 93       |
| 14) Carbon disulfide          | 2.800  | 76    | 101289   | 5.156    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.964  | 43    | 15899    | 5.989    | ug/L   | 97       |
| 16) Methylene chloride        | 3.054  | 84    | 43516    | 4.517    | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73    | 88853    | 5.303    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96    | 37310    | 5.315    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.877  | 63    | 66840    | 5.413    | ug/L   | 99       |
| 21) 2-Butanone                | 4.719  | 43    | 109662   | 59.934   | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 42502    | 5.457    | ug/L   | 98       |
| 23) Bromochloromethane        | 4.980  | 128   | 22058    | 5.581    | ug/L   | 97       |
| 25) Chloroform                | 5.092  | 83    | 73969    | 5.449    | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031522\  
 Data File : VU047583.D  
 Acq On : 15 Mar 2022 17:30  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005103

Quant Time: Mar 16 06:48:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 06:43:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 46036    | 5.302  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97   | 63388    | 5.515  | ug/L  | 99       |
| 30) Cyclohexane               | 5.395  | 56   | 50890    | 5.128  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.530  | 117  | 56075    | 5.547  | ug/L  | 100      |
| 33) Benzene                   | 5.777  | 78   | 156478   | 5.359  | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 41785    | 5.400  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.764  | 83   | 58619    | 5.264  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 40178    | 5.369  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.108  | 83   | 56066    | 5.441  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 57837    | 4.974  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.793  | 43   | 257479   | 49.361 | ug/L  | 99       |
| 42) Toluene                   | 7.970  | 91   | 172459   | 5.448  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 52331    | 5.045  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 33957    | 5.293  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.555  | 164  | 36360    | 5.509  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.687  | 43   | 196471   | 49.490 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.809  | 129  | 43103    | 5.454  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 34158    | 5.384  | ug/L  | 97       |
| 51) Chlorobenzene             | 9.446  | 112  | 116258   | 5.377  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.571  | 91   | 174905   | 5.217  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.693  | 106  | 68280    | 5.267  | ug/L  | 97       |
| 54) o-Xylene                  | 10.102 | 106  | 68769    | 5.370  | ug/L  | 95       |
| 55) Styrene                   | 10.115 | 104  | 117917   | 5.361  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 45198    | 5.255  | ug/L  | 99       |
| 59) Bromoform                 | 10.291 | 173  | 28617    | 5.616  | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.484 | 105  | 176375   | 5.405  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.822 | 75   | 30771    | 5.079  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 109582   | 5.260  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 143330   | 5.300  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 97967    | 5.384  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 97930    | 5.268  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 94879    | 5.273  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.996 | 75   | 7517     | 5.172  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 13.217 | 180  | 81333    | 5.287  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 68825    | 5.086  | ug/L  | 98       |
| 71) Naphthalene               | 14.085 | 128  | 106241   | 4.230  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 62566    | 4.818  | ug/L  | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031522\  
Data File : VU047583.D  
Acq On : 15 Mar 2022 17:30  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD005103

Quant Time: Mar 16 06:48:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 16 06:43:54 2022  
Response via : Initial Calibration

