

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110424\  
 Data File : VU061420.D  
 Acq On : 04 Nov 2024 20:14  
 Operator : MD/SY  
 Sample : P4690-04MSD  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 05 00:52:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 01 00:44:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 157550   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 147974   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 69477    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 33364    | 3.117    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 62.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 41873    | 4.268    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 15910    | 3.475    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 103315   | 47.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.100%  |
| 24) Chloroform-d              | 5.055  | 84    | 90888    | 4.474    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 44861    | 4.430    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 32) Benzene-d6                | 5.717  | 84    | 174284   | 4.180    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 54170    | 4.321    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 159231   | 4.084    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19927    | 3.894    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.800%  |
| 46) 2-Hexanone-d5             | 8.624  | 63    | 87452    | 41.728   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 44752    | 4.721    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 55662    | 4.524    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.383  | 85    | 53312    | 5.076    | ug/L   | 98       |
| 3) Chloromethane              | 1.518  | 50    | 52446    | 4.735    | ug/L   | 96       |
| 5) Vinyl chloride             | 1.599  | 62    | 59674    | 4.900    | ug/L   | 100      |
| 6) Bromomethane               | 1.853  | 94    | 49746    | 6.165    | ug/L   | 97       |
| 8) Chloroethane               | 1.927  | 64    | 46445    | 5.180    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 2.132  | 101   | 87707    | 5.303    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101   | 50376    | 5.129    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 46781    | 5.022    | ug/L   | 90       |
| 13) Acetone                   | 2.634  | 43    | 71163    | 51.708   | ug/L   | 99       |
| 14) Carbon disulfide          | 2.785  | 76    | 133952   | 4.310    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.952  | 43    | 12999    | 3.814    | ug/L   | 96       |
| 16) Methylene chloride        | 3.036  | 84    | 56769    | 5.172    | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 131418   | 5.206    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96    | 53051    | 5.151    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.859  | 63    | 103605   | 5.333    | ug/L   | 99       |
| 21) 2-Butanone                | 4.701  | 43    | 123309   | 56.517   | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 63381    | 5.387    | ug/L   | 96       |
| 23) Bromochloromethane        | 4.965  | 128   | 27387    | 5.532    | ug/L   | 99       |
| 25) Chloroform                | 5.078  | 83    | 109670   | 5.369    | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110424\  
 Data File : VU061420.D  
 Acq On : 04 Nov 2024 20:14  
 Operator : MD/SY  
 Sample : P4690-04MSD  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 05 00:52:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 01 00:44:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.785  | 62   | 68456    | 5.303  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97   | 94849    | 5.234  | ug/L  | 100      |
| 30) Cyclohexane               | 5.380  | 56   | 84949    | 4.674  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.515  | 117  | 77714    | 5.012  | ug/L  | 97       |
| 33) Benzene                   | 5.766  | 78   | 240711   | 5.260  | ug/L  | 100      |
| 34) Trichloroethene           | 6.534  | 95   | 63248    | 5.081  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.756  | 83   | 91384    | 4.612  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.782  | 63   | 61965    | 5.342  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.097  | 83   | 75831    | 5.165  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.602  | 75   | 87797    | 4.900  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.782  | 43   | 302050   | 52.319 | ug/L  | 99       |
| 42) Toluene                   | 7.962  | 91   | 260729   | 5.246  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.203  | 75   | 71272    | 4.882  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.393  | 97   | 45726    | 5.478  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.544  | 164  | 401026   | 46.124 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.676  | 43   | 216617   | 53.060 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.801  | 129  | 47484    | 5.015  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.917  | 107  | 42627    | 5.256  | ug/L  | 97       |
| 51) Chlorobenzene             | 9.438  | 112  | 167904   | 5.345  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.563  | 91   | 280612   | 5.133  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.685  | 106  | 107625   | 5.168  | ug/L  | 98       |
| 54) o-Xylene                  | 10.093 | 106  | 106358   | 5.175  | ug/L  | 98       |
| 55) Styrene                   | 10.106 | 104  | 168607   | 5.117  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 54722    | 5.440  | ug/L  | 99       |
| 59) Bromoform                 | 10.283 | 173  | 25382    | 4.935  | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.476 | 105  | 278347   | 5.245  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 36861    | 5.326  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 218385   | 5.054  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 214357   | 5.019  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.736 | 146  | 120306   | 5.386  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146  | 118585   | 5.208  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146  | 114453   | 5.444  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75   | 7180     | 4.941  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 82895    | 5.414  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 67559    | 5.467  | ug/L  | 97       |
| 71) Naphthalene               | 14.080 | 128  | 105034   | 5.387  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 59774    | 5.782  | ug/L  | 98       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110424\  
Data File : VU061420.D  
Acq On : 04 Nov 2024 20:14  
Operator : MD/SY  
Sample : P4690-04MSD  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 05 00:52:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 01 00:44:02 2024  
Response via : Initial Calibration

