

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103124\  
 Data File : VU061344.D  
 Acq On : 01 Nov 2024 05:32  
 Operator : MD/SY  
 Sample : P4631-11MS  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCP06MS

Quant Time: Nov 01 06:03:03 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   | 172668   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 158303   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 75293    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 42326    | 3.609    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 72.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 47987    | 4.463    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 89.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20066    | 3.999    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 80.000%  |
| 20) 2-Butanone-d5             | 4.625  | 46    | 120152   | 50.454   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 100.900% |
| 24) Chloroform-d              | 5.052  | 84    | 106626   | 4.789    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 53834    | 4.851    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 97.000%  |
| 32) Benzene-d6                | 5.718  | 84    | 212990   | 4.775    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 63859    | 4.762    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 95.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 200155   | 4.799    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 23759    | 4.340    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 86.800%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 109493   | 48.836   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 97.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 51733    | 5.101    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 102.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 66381    | 4.979    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 99.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          | Qvalue   |       |          |
| 2) Dichlorodifluoromethane    | 1.384  | 85    | 60678    | 5.271    | ug/L  | 99       |
| 3) Chloromethane              | 1.515  | 50    | 56844    | 4.683    | ug/L  | 100      |
| 5) Vinyl chloride             | 1.599  | 62    | 66358    | 4.972    | ug/L  | 98       |
| 6) Bromomethane               | 1.853  | 94    | 48454    | 5.479    | ug/L  | 95       |
| 8) Chloroethane               | 1.930  | 64    | 52219    | 5.314    | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.133  | 101   | 97052    | 5.354    | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101   | 56401    | 5.240    | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 52703    | 5.163    | ug/L  | 96       |
| 13) Acetone                   | 2.637  | 43    | 81032    | 53.723   | ug/L  | 96       |
| 14) Carbon disulfide          | 2.789  | 76    | 155217   | 4.557    | ug/L  | 100      |
| 15) Methyl Acetate            | 2.953  | 43    | 20325    | 5.442    | ug/L  | 97       |
| 16) Methylene chloride        | 3.039  | 84    | 62051    | 5.158    | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 149691   | 5.410    | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96    | 59581    | 5.278    | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.859  | 63    | 113532   | 5.333    | ug/L  | 99       |
| 21) 2-Butanone                | 4.702  | 43    | 132150   | 55.266   | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 71870    | 5.574    | ug/L  | 98       |
| 23) Bromochloromethane        | 4.965  | 128   | 30066    | 5.542    | ug/L  | 98       |
| 25) Chloroform                | 5.078  | 83    | 121653   | 5.435    | ug/L  | 100      |

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 Sample : P4631-11MS  
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 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCP06MS

Quant Time: Nov 01 06:03:03 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   | 77283    | 5.463  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97   | 102152   | 5.270  | ug/L  | 98       |
| 30) Cyclohexane               | 5.380  | 56   | 98326    | 5.057  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.515  | 117  | 87591    | 5.281  | ug/L  | 99       |
| 33) Benzene                   | 5.766  | 78   | 262968   | 5.371  | ug/L  | 100      |
| 34) Trichloroethene           | 6.534  | 95   | 71801    | 5.391  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.753  | 83   | 105546   | 4.979  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.782  | 63   | 69600    | 5.609  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.097  | 83   | 84427    | 5.376  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.599  | 75   | 96198    | 5.019  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.782  | 43   | 345044   | 55.867 | ug/L  | 100      |
| 42) Toluene                   | 7.962  | 91   | 287635   | 5.410  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.203  | 75   | 76782    | 4.917  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.390  | 97   | 49932    | 5.591  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.544  | 164  | 50956    | 5.478  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.676  | 43   | 248796   | 56.966 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.801  | 129  | 53114    | 5.244  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.917  | 107  | 47513    | 5.476  | ug/L  | 95       |
| 51) Chlorobenzene             | 9.438  | 112  | 183563   | 5.462  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.563  | 91   | 310223   | 5.305  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.685  | 106  | 120050   | 5.388  | ug/L  | 95       |
| 54) o-Xylene                  | 10.094 | 106  | 117790   | 5.357  | ug/L  | 99       |
| 55) Styrene                   | 10.107 | 104  | 189613   | 5.379  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 61022    | 5.671  | ug/L  | 98       |
| 59) Bromoform                 | 10.283 | 173  | 28301    | 5.078  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.476 | 105  | 307040   | 5.338  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 42723    | 5.696  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 241892   | 5.166  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 239477   | 5.174  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.737 | 146  | 132850   | 5.488  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.827 | 146  | 131327   | 5.322  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 123121   | 5.404  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.988 | 75   | 7620     | 4.839  | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 13.213 | 180  | 88362    | 5.325  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 69754    | 5.209  | ug/L  | 99       |
| 71) Naphthalene               | 14.081 | 128  | 105300   | 4.983  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 59958    | 5.352  | ug/L  | 99       |

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

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