

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092222\  
 Data File : VV028066.D  
 Acq On : 22 Sep 2022 17:21  
 Operator : SY/MD  
 Sample : VSTD01049  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010249

Quant Time: Sep 23 03:55:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 23 03:53:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114  | 190882   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 183247   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 103928   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 208743   | 12.724  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 164883   | 11.714  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63   | 338260   | 12.473  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.886  | 46   | 394110   | 146.382 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.339  | 84   | 336975   | 12.427  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65   | 161643   | 13.830  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.043  | 84   | 668912   | 13.968  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67   | 203419   | 13.021  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.310  | 98   | 611639   | 14.094  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79   | 75350    | 14.234  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.085  | 63   | 345475   | 152.043 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84   | 141902   | 11.518  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152  | 206723   | 11.825  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 143488   | 10.017  | ug/L  | 93       |
| 3) Chloromethane              | 1.237  | 50   | 137331   | 8.220   | ug/L  | 97       |
| 5) Vinyl chloride             | 1.304  | 62   | 152094   | 9.177   | ug/L  | 99       |
| 6) Bromomethane               | 1.516  | 94   | 96119    | 8.574   | ug/L  | 97       |
| 8) Chloroethane               | 1.577  | 64   | 99889    | 8.972   | ug/L  | 97       |
| 9) Trichlorofluoromethane     | 1.745  | 101  | 238173   | 9.518   | ug/L  | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101  | 130701   | 8.481   | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 120155   | 8.787   | ug/L  | 92       |
| 13) Acetone                   | 2.179  | 43   | 207968   | 101.509 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.285  | 76   | 254775   | 9.253   | ug/L  | 99       |
| 15) Methyl Acetate            | 2.433  | 43   | 53675    | 12.115  | ug/L  | 92       |
| 16) Methylene chloride        | 2.500  | 84   | 140520   | 9.264   | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73   | 308975   | 11.953  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.751  | 96   | 121445   | 9.533   | ug/L  | 95       |
| 19) 1,1-Dichloroethane        | 3.182  | 63   | 269888   | 10.847  | ug/L  | 97       |
| 21) 2-Butanone                | 3.970  | 43   | 338602   | 135.241 | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96   | 143263   | 9.954   | ug/L  | 93       |
| 23) Bromochloromethane        | 4.240  | 128  | 61552    | 9.563   | ug/L  | 95       |
| 25) Chloroform                | 4.365  | 83   | 277539   | 10.144  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.124  | 62   | 151936   | 11.450  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 235229   | 11.243  | ug/L  | 99       |
| 30) Cyclohexane               | 4.670  | 56   | 184357   | 12.155  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 197782   | 10.722  | ug/L  | 100      |
| 33) Benzene                   | 5.092  | 78   | 556389   | 10.979  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 133586   | 10.598  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 197524   | 11.090  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 154617   | 11.304  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 190792   | 10.845  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 201466   | 11.756  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 853321   | 143.655 | ug/L  | 99       |
| 42) Toluene                   | 7.384  | 91   | 592919   | 11.017  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 173554   | 12.083  | ug/L  | 93       |

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 QLast Update : Fri Sep 23 03:53:39 2022  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 103540   | 10.497  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.973  | 164  | 105270   | 9.585   | ug/L  | 96       |
| 48) 2-Hexanone                | 8.137  | 43   | 602866   | 141.663 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.243  | 129  | 122516   | 10.232  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 89716    | 10.400  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.876  | 112  | 373095   | 10.017  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.008  | 91   | 619234   | 11.062  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.133  | 106  | 240803   | 11.144  | ug/L  | 99       |
| 54) o-Xylene                  | 9.542  | 106  | 237439   | 10.993  | ug/L  | 98       |
| 55) Styrene                   | 9.558  | 104  | 428691   | 11.420  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.236 | 83   | 123087   | 9.935   | ug/L  | 96       |
| 59) Bromoform                 | 9.728  | 173  | 65183    | 9.393   | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.928  | 105  | 657159   | 11.045  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 88947    | 11.092  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105  | 174706   | 10.837  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 526923   | 11.287  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 315651   | 9.901   | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.268 | 146  | 306207   | 9.574   | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.638 | 146  | 295825   | 10.079  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 18839    | 10.481  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 243514   | 9.609   | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 194035   | 9.641   | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 319639   | 10.682  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 179316   | 10.003  | ug/L  | 99       |

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

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