

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW092922\  
 Data File : VW028214.D  
 Acq On : 30 Sep 2022 02:35  
 Operator : SY/MD  
 Sample : N4865-02MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW842MS

Quant Time: Sep 30 06:22:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 153774   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 157857   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 90078    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 69395    | 4.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.000%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 58689    | 4.630    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 115977   | 4.194    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.800%  |
| 20) 2-Butanone-d5             | 3.895  | 46    | 110922   | 41.213   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.420%  |
| 24) Chloroform-d              | 4.342  | 84    | 112228   | 4.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 51369    | 4.244    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.800%  |
| 32) Benzene-d6                | 5.043  | 84    | 220503   | 4.260    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 63008    | 3.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 78.000%  |
| 41) Toluene-d8                | 7.310  | 98    | 243480   | 5.197    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.000% |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 24287    | 4.167    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.400%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 108782   | 44.716   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 49160    | 4.457    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 81342    | 4.604    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.124  | 85    | 53325    | 4.643    | ug/L   | 92       |
| 3) Chloromethane              | 1.236  | 50    | 54007    | 3.551    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.304  | 62    | 57130    | 4.791    | ug/L   | 84       |
| 6) Bromomethane               | 1.516  | 94    | 22250    | 2.865    | ug/L   | 97       |
| 8) Chloroethane               | 1.580  | 64    | 49941    | 6.245    | ug/L   | 86       |
| 9) Trichlorofluoromethane     | 1.748  | 101   | 96211    | 5.082    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 55492    | 5.086    | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.111  | 96    | 48688    | 4.581    | ug/L   | 88       |
| 13) Acetone                   | 2.188  | 43    | 80758    | 38.955   | ug/L   | 98       |
| 14) Carbon disulfide          | 2.288  | 76    | 88801    | 4.354    | ug/L   | 98       |
| 15) Methyl Acetate            | 2.436  | 43    | 14820    | 3.683    | ug/L # | 87       |
| 16) Methylene chloride        | 2.500  | 84    | 67009    | 5.649    | ug/L   | 85       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73    | 110898   | 4.851    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 44952    | 4.832    | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 3.182  | 63    | 93807    | 4.622    | ug/L   | 97       |
| 21) 2-Butanone                | 3.976  | 43    | 111385   | 43.398   | ug/L   | 93       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 54232    | 4.443    | ug/L   | 93       |
| 23) Bromochloromethane        | 4.243  | 128   | 25700    | 5.258    | ug/L # | 75       |
| 25) Chloroform                | 4.368  | 83    | 103388   | 4.748    | ug/L   | 98       |

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Quant Time: Sep 30 06:22:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 55407    | 4.772  | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 89327    | 4.605  | ug/L   | 97       |
| 30) Cyclohexane               | 4.670  | 56   | 54288    | 3.870  | ug/L   | 87       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 75389    | 4.723  | ug/L   | 99       |
| 33) Benzene                   | 5.095  | 78   | 202771   | 4.626  | ug/L   | 100      |
| 34) Trichloroethene           | 5.911  | 95   | 50569    | 4.634  | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.127  | 83   | 62847    | 4.200  | ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 49521    | 4.030  | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.506  | 83   | 81804    | 5.392  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 72173    | 4.728  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 308234   | 51.652 | ug/L   | 95       |
| 42) Toluene                   | 7.384  | 91   | 250845   | 5.486  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 59734    | 4.550  | ug/L   | 93       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 43621    | 5.296  | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.972  | 164  | 46017    | 5.283  | ug/L   | 94       |
| 48) 2-Hexanone                | 8.136  | 43   | 208864   | 46.104 | ug/L # | 95       |
| 49) Dibromochloromethane      | 8.243  | 129  | 49473    | 4.995  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 36518    | 5.101  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 153201   | 4.995  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.008  | 91   | 221634   | 4.582  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.136  | 106  | 97239    | 5.245  | ug/L   | 93       |
| 54) o-Xylene                  | 9.538  | 106  | 91942    | 5.022  | ug/L   | 99       |
| 55) Styrene                   | 9.558  | 104  | 155835   | 4.913  | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.236 | 83   | 47609    | 4.960  | ug/L   | 98       |
| 59) Bromoform                 | 9.728  | 173  | 25667    | 4.488  | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.927  | 105  | 247583   | 4.683  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 33904    | 4.488  | ug/L   | 93       |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105  | 64945    | 4.361  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 186819   | 4.488  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 130615   | 4.965  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 137519   | 5.224  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 124107   | 4.994  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 7160     | 4.324  | ug/L   | 91       |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 102406   | 4.918  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.255 | 180  | 82788    | 4.971  | ug/L   | 98       |
| 71) Naphthalene               | 13.500 | 128  | 124560   | 4.567  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 75009    | 4.979  | ug/L   | 99       |

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

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