

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070323\  
 Data File : VW026517.D  
 Acq On : 03 Jul 2023 19:56  
 Operator : SY/MD  
 Sample : VSTD00504  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005404

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023  
 Supervised By :Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 01:45:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 04 01:40:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 398960   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 461494   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 233848   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 32641    | 5.895  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.893  | 69   | 30684    | 6.863  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.033  | 65   | 13700m   | 5.010  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.075  | 46   | 24201    | 11.029 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 59426    | 5.135  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 35491    | 5.277  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 113761   | 3.676  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 35648    | 3.610  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 103569   | 3.735  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79   | 14713    | 3.716  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.928 | 63   | 18898    | 10.396 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 43204    | 5.376  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152  | 53710    | 6.066  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 23282m   | 5.415  | ug/L   |          |
| 3) Chloromethane              | 2.222  | 50   | 42320    | 6.201  | ug/L   | 97       |
| 5) Vinyl chloride             | 2.375  | 62   | 46343    | 7.064  | ug/L   | 95       |
| 6) Bromomethane               | 2.783  | 94   | 29329    | 7.819  | ug/L   | 96       |
| 8) Chloroethane               | 2.930  | 64   | 30217    | 7.828  | ug/L   | 94       |
| 9) Trichlorofluoromethane     | 3.259  | 101  | 24208    | 5.466  | ug/L   | 90       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.064  | 101  | 27716m   | 5.287  | ug/L   |          |
| 12) 1,1-Dichloroethene        | 4.051  | 96   | 24170    | 4.828  | ug/L   | 88       |
| 13) Acetone                   | 4.118  | 43   | 15179    | 11.010 | ug/L   | 98       |
| 14) Carbon disulfide          | 4.393  | 76   | 80420    | 5.087  | ug/L   | 98       |
| 15) Methyl Acetate            | 4.667  | 43   | 17223    | 4.905  | ug/L # | 80       |
| 16) Methylene chloride        | 4.917  | 84   | 42589    | 6.184  | ug/L   | 91       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 31486    | 5.728  | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 55030    | 5.841  | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 71583    | 6.157  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96   | 37334    | 6.003  | ug/L   | 98       |
| 22) 2-Butanone                | 7.173  | 43   | 32103    | 13.132 | ug/L   | 96       |
| 23) Bromochloromethane        | 7.508  | 128  | 14715    | 5.595  | ug/L   | 94       |
| 25) Chloroform                | 7.679  | 83   | 55453    | 5.124  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 43082    | 5.464  | ug/L   | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 48040    | 3.518  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 42099    | 3.894  | ug/L   | 95       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 38658    | 3.977  | ug/L   | 100      |
| 33) Benzene                   | 8.325  | 78   | 119887   | 3.822  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 29969    | 3.726  | ug/L   | 94       |
| 35) Methylcyclohexane         | 9.337  | 83   | 50450    | 3.669  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 32808    | 3.813  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 39075    | 3.884  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 44721    | 3.555  | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 49258    | 7.575  | ug/L   | 93       |
| 42) Toluene                   | 10.386 | 91   | 121750   | 3.807  | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 37374    | 3.532  | ug/L   | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 30923    | 5.181 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 25339    | 4.679 | ug/L  | 88       |
| 48) 2-Hexanone                | 10.971 | 43   | 40354    | 9.193 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.129 | 129  | 26432    | 4.318 | ug/L  | 90       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 25679    | 4.587 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.654 | 112  | 100237   | 5.032 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 172006   | 4.754 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.836 | 106  | 60887    | 4.558 | ug/L  | 99       |
| 54) o-Xylene                  | 12.166 | 106  | 62611    | 4.913 | ug/L  | 86       |
| 55) Styrene                   | 12.178 | 104  | 108002   | 4.976 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 40498    | 5.231 | ug/L  | 96       |
| 59) Bromoform                 | 12.349 | 173  | 16909    | 4.624 | ug/L  | 96       |
| 60) Isopropylbenzene          | 12.458 | 105  | 162092   | 4.453 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.769 | 75   | 29492    | 4.866 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 144246   | 4.909 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105  | 131091   | 4.626 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 75411    | 4.946 | ug/L  | 89       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 74094    | 4.837 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 84625    | 6.203 | ug/L  | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 8412     | 5.800 | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 14.629 | 180  | 52419    | 5.195 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 32383    | 3.723 | ug/L  | 99       |
| 71) Naphthalene               | 15.360 | 128  | 63410    | 3.285 | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.555 | 180  | 28460    | 3.669 | ug/L  | 97       |

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

