

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120921\  
 Data File : VW021242.D  
 Acq On : 09 Dec 2021 12:46  
 Operator : SY/VA  
 Sample : VSTD02533  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025433

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021  
 Supervised By :Mahesh Dadoda 12/10/2021

Quant Time: Dec 09 15:09:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 09 15:08:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114  | 100124   | 25.000 | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 98055    | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 59371    | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 49987    | 33.398 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.885  | 69   | 32194    | 32.280 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 63879    | 28.376 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.079  | 46   | 11923    | 38.875 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.646  | 84   | 67145    | 26.629 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65   | 34998    | 25.926 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.274  | 84   | 132893   | 26.588 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 34516    | 25.245 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 136494   | 26.663 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 15859    | 25.208 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.926 | 63   | 10125    | 40.460 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 30853    | 24.414 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 56521    | 26.617 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007  | 85   | 9721     | 21.306 | ug/L   | 98       |
| 3) Chloromethane              | 2.214  | 50   | 30440    | 27.242 | ug/L   | 98       |
| 5) Vinyl chloride             | 2.361  | 62   | 50856    | 26.975 | ug/L   | 89       |
| 6) Bromomethane               | 2.781  | 94   | 32541    | 25.576 | ug/L   | 100      |
| 8) Chloroethane               | 2.922  | 64   | 23238    | 28.555 | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 3.257  | 101  | 26465    | 28.334 | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101  | 36030    | 25.825 | ug/L   | 90       |
| 12) 1,1-Dichloroethene        | 4.043  | 96   | 31880    | 24.772 | ug/L   | 81       |
| 13) Acetone                   | 4.123  | 43   | 9480     | 34.182 | ug/L   | 96       |
| 14) Carbon disulfide          | 4.385  | 76   | 85085    | 24.870 | ug/L   | 98       |
| 15) Methyl Acetate            | 4.671  | 43   | 9954     | 20.420 | ug/L   | 91       |
| 16) Methylene chloride        | 4.921  | 84   | 33292    | 21.793 | ug/L   | 77       |
| 17) trans-1,2-Dichloroethene  | 5.427  | 96   | 33802    | 25.016 | ug/L   | 80       |
| 18) Methyl tert-butyl Ether   | 5.421  | 73   | 44747m   | 22.544 | ug/L   |          |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 51986    | 24.402 | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 35330    | 24.807 | ug/L   | 72       |
| 22) 2-Butanone                | 7.165  | 43   | 13461    | 35.053 | ug/L   | 85       |
| 23) Bromochloromethane        | 7.518  | 128  | 16546    | 24.932 | ug/L # | 65       |
| 25) Chloroform                | 7.677  | 83   | 59810    | 25.068 | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.402  | 62   | 36987    | 23.741 | ug/L # | 95       |
| 29) Cyclohexane               | 7.957  | 56   | 49622    | 23.847 | ug/L # | 80       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 55293    | 24.619 | ug/L   | 94       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 50877    | 24.841 | ug/L   | 98       |
| 33) Benzene                   | 8.323  | 78   | 129573   | 23.894 | ug/L   | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 36217    | 24.199 | ug/L   | 90       |
| 35) Methylcyclohexane         | 9.335  | 83   | 61140    | 24.162 | ug/L # | 84       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 28433    | 23.478 | ug/L # | 96       |
| 38) Bromodichloromethane      | 9.646  | 83   | 40538    | 23.809 | ug/L # | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 46722    | 23.875 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 29795    | 37.718 | ug/L # | 91       |
| 42) Toluene                   | 10.390 | 91   | 156753   | 25.267 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.609 | 75   | 40381    | 23.219 | ug/L   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120921\  
 Data File : VW021242.D  
 Acq On : 09 Dec 2021 12:46  
 Operator : SY/VA  
 Sample : VSTD02533  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025433

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021  
 Supervised By :Mahesh Dadoda 12/10/2021

Quant Time: Dec 09 15:09:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 09 15:08:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 23245    | 22.667 | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.865 | 164  | 35450    | 25.132 | ug/L   | 93       |
| 48) 2-Hexanone                | 10.969 | 43   | 23232    | 40.740 | ug/L # | 95       |
| 49) Dibromochloromethane      | 11.128 | 129  | 29092    | 23.193 | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 23116    | 22.562 | ug/L # | 89       |
| 51) Chlorobenzene             | 11.658 | 112  | 102597   | 24.583 | ug/L   | 92       |
| 52) Ethylbenzene              | 11.731 | 91   | 182152   | 25.650 | ug/L   | 96       |
| 53) m,p-Xylene                | 11.835 | 106  | 74654    | 25.437 | ug/L   | 88       |
| 54) o-Xylene                  | 12.164 | 106  | 72690    | 26.337 | ug/L   | 93       |
| 55) Styrene                   | 12.182 | 104  | 119413   | 25.274 | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 28373    | 23.333 | ug/L # | 96       |
| 59) Bromoform                 | 12.347 | 173  | 16709    | 21.417 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 204722   | 25.521 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.767 | 75   | 21047    | 22.559 | ug/L # | 92       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 173544   | 25.705 | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 171117   | 25.270 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 91884    | 24.407 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 91798    | 24.587 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 82921    | 24.755 | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 4108     | 20.456 | ug/L # | 67       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 73208    | 26.354 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 54355    | 24.797 | ug/L   | 98       |
| 71) Naphthalene               | 15.365 | 128  | 89910    | 22.103 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 46844    | 24.080 | ug/L   | 97       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120921\  
 Data File : VW021242.D  
 Acq On : 09 Dec 2021 12:46  
 Operator : SY/VA  
 Sample : VSTD02533  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025433

Quant Time: Dec 09 15:09:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 09 15:08:28 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021  
 Supervised By :Mahesh Dadoda 12/10/2021

