

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092324\  
 Data File : VW030191.D  
 Acq On : 23 Sep 2024 09:51  
 Operator : SY/MD  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025487

Quant Time: Sep 24 01:09:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 23:43:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 422451   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 371447   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 188719   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 105410   | 19.322   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 85301    | 22.147   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 49867    | 18.294   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.160%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 53585    | 40.564   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.120%  |
| 24) Chloroform-d              | 7.648  | 84    | 241250   | 20.770   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 121263   | 20.789   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.160%  |
| 32) Benzene-d6                | 8.276  | 84    | 465192   | 21.739   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 134409   | 20.344   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 81.360%  |
| 41) Toluene-d8                | 10.325 | 98    | 429275   | 22.386   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.560%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 56415    | 21.313   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 85.240%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 46599    | 46.093   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 105767   | 21.503   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 136410   | 21.293   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.160%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 82853    | 17.787   | ug/L   | 95       |
| 3) Chloromethane              | 2.222  | 50    | 90467    | 20.801   | ug/L   | 96       |
| 5) Vinyl chloride             | 2.375  | 62    | 128559   | 23.985   | ug/L   | 99       |
| 6) Bromomethane               | 2.789  | 94    | 81195    | 25.287   | ug/L   | 99       |
| 8) Chloroethane               | 2.936  | 64    | 78832    | 24.643   | ug/L   | 94       |
| 9) Trichlorofluoromethane     | 3.271  | 101   | 120877   | 19.122   | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 119686   | 20.886   | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 114804   | 22.766   | ug/L   | 91       |
| 13) Acetone                   | 4.131  | 43    | 62751    | 41.404   | ug/L   | 99       |
| 14) Carbon disulfide          | 4.387  | 76    | 281257   | 19.634   | ug/L   | 98       |
| 15) Methyl Acetate            | 4.673  | 43    | 49272    | 20.103   | ug/L   | 95       |
| 16) Methylene chloride        | 4.917  | 84    | 129235   | 20.746   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 124164   | 22.335   | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 219614   | 25.067   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.216  | 63    | 251441   | 22.275   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 148609   | 24.359   | ug/L   | 98       |
| 22) 2-Butanone                | 7.173  | 43    | 76130    | 42.435   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128   | 64874    | 23.794   | ug/L # | 83       |
| 25) Chloroform                | 7.673  | 83    | 264862   | 23.102   | ug/L   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092324\  
 Data File : VW030191.D  
 Acq On : 23 Sep 2024 09:51  
 Operator : SY/MD  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025487

Quant Time: Sep 24 01:09:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 23:43:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 164878   | 22.933 | ug/L   | 99       |
| 29) Cyclohexane               | 7.959  | 56   | 185593   | 23.452 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 217759   | 24.237 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 189324   | 23.190 | ug/L   | 99       |
| 33) Benzene                   | 8.325  | 78   | 543363   | 23.926 | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 147360   | 24.037 | ug/L   | 98       |
| 35) Methylcyclohexane         | 9.337  | 83   | 223080   | 23.603 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 143111   | 23.250 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.648  | 83   | 186307   | 24.037 | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 226185   | 25.118 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 145187   | 46.161 | ug/L   | 98       |
| 42) Toluene                   | 10.386 | 91   | 597805   | 24.808 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 182205   | 24.053 | ug/L   | 94       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 107161   | 23.925 | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.861 | 164  | 111895   | 24.736 | ug/L   | 97       |
| 48) 2-Hexanone                | 10.965 | 43   | 106739   | 44.132 | ug/L   | 98       |
| 49) Dibromochloromethane      | 11.129 | 129  | 119288   | 24.471 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 98930    | 23.954 | ug/L # | 97       |
| 51) Chlorobenzene             | 11.654 | 112  | 389063   | 24.996 | ug/L   | 90       |
| 52) Ethylbenzene              | 11.727 | 91   | 683522   | 24.779 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.837 | 106  | 265427   | 26.079 | ug/L   | 84       |
| 54) o-Xylene                  | 12.160 | 106  | 248097   | 25.905 | ug/L   | 100      |
| 55) Styrene                   | 12.178 | 104  | 425278   | 25.600 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 121368   | 22.702 | ug/L   | 99       |
| 59) Bromoform                 | 12.349 | 173  | 66362    | 22.218 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.458 | 105  | 692619   | 24.927 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 85663    | 21.819 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 556077   | 27.305 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 544504   | 25.718 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 285691   | 23.200 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 298213   | 23.440 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 266438   | 24.007 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 18647    | 21.778 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 202512   | 23.560 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 173116   | 24.863 | ug/L   | 100      |
| 71) Naphthalene               | 15.360 | 128  | 321036   | 25.391 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 145691   | 23.861 | ug/L   | 99       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092324\  
Data File : VW030191.D  
Acq On : 23 Sep 2024 09:51  
Operator : SY/MD  
Sample : VSTDCCC025  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025487

Quant Time: Sep 24 01:09:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 20 23:43:18 2024  
Response via : Initial Calibration

