

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090622\  
 Data File : VW024557.D  
 Acq On : 06 Sep 2022 13:53  
 Operator : SY/VA  
 Sample : VSTD05034  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050434

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

09/07/2022  
 Supervised By :Mahesh  
 Dadoda

Quant Time: Sep 07 04:36:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 07 04:30:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114  | 389207   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 390275   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 219844   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65   | 369921   | 46.036  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.873  | 69   | 267544   | 44.778  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63   | 392463   | 46.305  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 125380   | 92.775  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.647  | 84   | 450618   | 45.118  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 249683   | 44.674  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.268  | 84   | 883404   | 46.017  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 252728   | 44.650  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 871975   | 46.592  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 121103   | 47.743  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.920 | 63   | 114209   | 109.774 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 258291   | 47.611  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152  | 304355   | 43.709  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.001  | 85   | 85664    | 46.915  | ug/L   | 94       |
| 3) Chloromethane              | 2.209  | 50   | 240154   | 41.426  | ug/L   | 97       |
| 5) Vinyl chloride             | 2.349  | 62   | 410711   | 42.023  | ug/L   | 100      |
| 6) Bromomethane               | 2.763  | 94   | 253449   | 39.780  | ug/L   | 95       |
| 8) Chloroethane               | 2.904  | 64   | 222011   | 41.754  | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 3.239  | 101  | 227070   | 40.187  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.044  | 101  | 226323   | 43.474  | ug/L # | 88       |
| 12) 1,1-Dichloroethene        | 4.031  | 96   | 197172   | 44.311  | ug/L   | 94       |
| 13) Acetone                   | 4.117  | 43   | 88799m   | 81.900  | ug/L   |          |
| 14) Carbon disulfide          | 4.373  | 76   | 504096   | 42.816  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.665  | 43   | 109975   | 46.435  | ug/L   | 100      |
| 16) Methylene chloride        | 4.909  | 84   | 221752   | 38.183  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96   | 228141   | 44.831  | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 5.421  | 73   | 433365   | 47.742  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.208  | 63   | 408015   | 43.997  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96   | 257800   | 45.080  | ug/L   | 97       |
| 22) 2-Butanone                | 7.171  | 43   | 156566   | 87.864  | ug/L   | 96       |
| 23) Bromochloromethane        | 7.512  | 128  | 119437   | 45.139  | ug/L   | 94       |
| 25) Chloroform                | 7.671  | 83   | 457293   | 44.391  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 310624   | 44.860  | ug/L   | 100      |
| 29) Cyclohexane               | 7.951  | 56   | 354483   | 46.917  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 376708   | 44.013  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 349466   | 44.704  | ug/L   | 96       |
| 33) Benzene                   | 8.317  | 78   | 975569   | 44.042  | ug/L   | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 259002   | 44.769  | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.329  | 83   | 429434   | 46.396  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 245099   | 44.304  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 355513   | 45.468  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 404164   | 49.966  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 364568   | 99.899  | ug/L   | 97       |
| 42) Toluene                   | 10.384 | 91   | 1135216  | 46.486  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 374698   | 49.042  | ug/L   | 98       |

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 Quant Title : SFAM01.0  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 218032   | 47.156  | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.859 | 164  | 198969   | 46.677  | ug/L  | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 261922   | 104.659 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 266789   | 49.359  | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 215562   | 48.037  | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 765244   | 45.359  | ug/L  | 97       |
| 52) Ethylbenzene              | 11.725 | 91   | 1299419  | 46.866  | ug/L  | 97       |
| 53) m,p-Xylene                | 11.835 | 106  | 514952   | 47.538  | ug/L  | 95       |
| 54) o-Xylene                  | 12.164 | 106  | 509087   | 49.362  | ug/L  | 92       |
| 55) Styrene                   | 12.176 | 104  | 872000   | 48.034  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 282391   | 48.243  | ug/L  | 95       |
| 59) Bromoform                 | 12.347 | 173  | 157336   | 49.237  | ug/L  | 95       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1348305  | 45.297  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 205321   | 45.143  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 1185189  | 47.949  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1157879  | 47.067  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 597066   | 44.518  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 624950   | 44.208  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 565391   | 45.206  | ug/L  | 92       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 46084    | 42.823  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 404273   | 46.408  | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 329008   | 47.596  | ug/L  | 95       |
| 71) Naphthalene               | 15.359 | 128  | 792554   | 51.824  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 303224   | 47.151  | ug/L  | 96       |

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

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