

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062821\  
 Data File : VW019346.D  
 Acq On : 28 Jun 2021 13:18  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VICV106

Quant Time: Jun 29 08:26:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Jun 28 12:55:02 2021  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc       | Units | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|------------|-------|----------|
| -----                         |        |        |          |          |            |       |          |
| Internal Standards            |        |        |          |          |            |       |          |
| 1) 1,4-Difluorobenzene        |        | 8.848  | 114      | 510459   | 25.000     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.634 | 117      | 468129   | 25.000     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.560 | 152      | 238888   | 25.000     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |        |          |          |            |       |          |
| 4) Vinyl Chloride-d3          |        | 2.361  | 65       | 174268   | 26.003     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 104.000% |       |          |
| 7) Chloroethane-d5            |        | 2.891  | 69       | 137442   | 26.381     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 105.520% |       |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.031  | 63       | 343167   | 25.058     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 100.240% |       |          |
| 21) 2-Butanone-d5             |        | 7.086  | 46       | 93615    | 56.242     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 112.480% |       |          |
| 24) Chloroform-d              |        | 7.653  | 84       | 358127   | 25.398     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 101.600% |       |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.311  | 65       | 186060   | 25.694     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 102.760% |       |          |
| 32) Benzene-d6                |        | 8.281  | 84       | 741879   | 25.858     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 103.440% |       |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.274  | 67       | 227502   | 26.016     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 104.080% |       |          |
| 41) Toluene-d8                |        | 10.329 | 98       | 665493   | 25.610     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 102.440% |       |          |
| 43) trans-1,3-Dichloroprop... |        | 10.579 | 79       | 90346    | 26.238     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 104.960% |       |          |
| 47) 2-Hexanone-d5             |        | 10.927 | 63       | 77957    | 57.041     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 114.080% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.695 | 84       | 172941   | 26.808     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 107.240% |       |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.853 | 152      | 214544   | 24.551     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 98.200%  |       |          |
| Target Compounds              |        |        |          |          |            |       |          |
|                               |        |        |          |          |            |       | Qvalue   |
| 2) Dichlorodifluoromethane    |        | 2.014  | 85       | 149572   | 24.589     | ug/L  | 100      |
| 3) Chloromethane              |        | 2.221  | 50       | 154237   | 24.605     | ug/L  | 99       |
| 5) Vinyl chloride             |        | 2.367  | 62       | 206497   | 23.783     | ug/L  | 98       |
| 6) Bromomethane               |        | 2.788  | 94       | 117985   | 24.406     | ug/L  | 98       |
| 8) Chloroethane               |        | 2.934  | 64       | 116603   | 24.489     | ug/L  | 98       |
| 9) Trichlorofluoromethane     |        | 3.263  | 101      | 108263   | 22.621     | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... |        | 4.068  | 101      | 160497   | 23.686     | ug/L  | 95       |
| 12) 1,1-Dichloroethene        |        | 4.050  | 96       | 163576   | 23.946     | ug/L  | 88       |
| 13) Acetone                   |        | 4.129  | 43       | 51367    | 49.474     | ug/L  | 88       |
| 14) Carbon disulfide          |        | 4.391  | 76       | 515154   | 23.843     | ug/L  | 98       |
| 15) Methyl Acetate            |        | 4.672  | 43       | 74659    | 26.193     | ug/L  | 100      |
| 16) Methylene chloride        |        | 4.928  | 84       | 182123   | 20.410     | ug/L  | 97       |
| 17) trans-1,2-Dichloroethene  |        | 5.428  | 96       | 175921   | 23.760     | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   |        | 5.428  | 73       | 226974   | 25.268     | ug/L  | 95       |
| 19) 1,1-Dichloroethane        |        | 6.220  | 63       | 318328   | 23.918     | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    |        | 7.171  | 96       | 187650   | 24.115     | ug/L  | 95       |
| 22) 2-Butanone                |        | 7.177  | 43       | 91793    | 51.838     | ug/L  | 99       |
| 23) Bromochloromethane        |        | 7.519  | 128      | 80648    | 23.844     | ug/L  | 87       |
| 25) Chloroform                |        | 7.677  | 83       | 313802   | 23.767     | ug/L  | 99       |

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Quant Time: Jun 29 08:26:04 2021  
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 Quant Title : SFAM01.0  
 QLast Update : Mon Jun 28 12:55:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 201183   | 24.226 | ug/L  | 97       |
| 29) Cyclohexane               | 7.958  | 56   | 301519   | 24.175 | ug/L  | 93       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 231432   | 23.271 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 218833   | 23.371 | ug/L  | 100      |
| 33) Benzene                   | 8.329  | 78   | 732150   | 23.977 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 181756   | 23.388 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.335  | 83   | 328685   | 23.977 | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 180077   | 24.092 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 222857   | 24.241 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 275816   | 24.744 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 206939   | 52.814 | ug/L  | 96       |
| 42) Toluene                   | 10.390 | 91   | 772802   | 24.400 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 236097   | 24.809 | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 128654   | 24.291 | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.866 | 164  | 139760   | 23.280 | ug/L  | 97       |
| 48) 2-Hexanone                | 10.969 | 43   | 143465   | 53.430 | ug/L  | 93       |
| 49) Dibromochloromethane      | 11.128 | 129  | 144856   | 24.667 | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 124875   | 24.911 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.658 | 112  | 473055   | 23.745 | ug/L  | 96       |
| 52) Ethylbenzene              | 11.731 | 91   | 831752   | 24.023 | ug/L  | 95       |
| 53) m,p-Xylene                | 11.835 | 106  | 318579   | 24.308 | ug/L  | 100      |
| 54) o-Xylene                  | 12.164 | 106  | 299769   | 23.974 | ug/L  | 98       |
| 55) Styrene                   | 12.182 | 104  | 526647   | 24.903 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 155366   | 24.850 | ug/L  | 98       |
| 59) Bromoform                 | 12.353 | 173  | 79188    | 24.246 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 801926   | 23.542 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 115819   | 24.373 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 683000   | 24.061 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 696642   | 24.679 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 357346   | 23.544 | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 350721   | 23.256 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 322892   | 24.061 | ug/L  | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 24423    | 24.342 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 261376   | 23.790 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 214899   | 23.753 | ug/L  | 99       |
| 71) Naphthalene               | 15.365 | 128  | 456991   | 26.518 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 196601   | 25.116 | ug/L  | 97       |

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

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