

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042721\  
 Data File : VU043344.D  
 Acq On : 27 Apr 2021 11:15  
 Operator : SY/MD  
 Sample : M2127-02MS  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0AA0MS

Quant Time: Apr 27 23:47:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 27 23:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 135031   | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 133343   | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 72729    | 5.00     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 25466    | 3.71     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 74.20%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 23424    | 3.62     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 72.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 16986    | 4.27     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 85.40%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 143277   | 47.57    | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 95.14%   |
| 24) Chloroform-d              | 5.073  | 84    | 75008    | 4.30     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 45183    | 3.83     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 76.60%   |
| 32) Benzene-d6                | 5.735  | 84    | 128995   | 4.15     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.00%   |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 42806    | 4.16     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 83.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 119364   | 3.70     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.00%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 17284    | 3.80     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 76.00%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 86472    | 38.13    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 76.26%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 38635    | 4.27     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 85.40%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 47738    | 3.83     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 76.60%#  |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 48222    | 5.57     | ug/L  | 99       |
| 3) Chloromethane              | 1.523  | 50    | 44215    | 5.19     | ug/L  | 99       |
| 5) Vinyl chloride             | 1.607  | 62    | 41407    | 4.67     | ug/L  | 97       |
| 6) Bromomethane               | 1.864  | 94    | 22667    | 4.28     | ug/L  | 100      |
| 8) Chloroethane               | 1.941  | 64    | 26158    | 4.09     | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 75581    | 4.57     | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 45719    | 5.12     | ug/L  | 94       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 38695    | 5.16     | ug/L  | 84       |
| 13) Acetone                   | 2.668  | 43    | 134566   | 60.81    | ug/L  | 91       |
| 14) Carbon disulfide          | 2.800  | 76    | 95967    | 5.02     | ug/L  | 100      |
| 15) Methyl Acetate            | 2.967  | 43    | 28291    | 6.80     | ug/L  | # 84     |
| 16) Methylene chloride        | 3.057  | 84    | 47556    | 4.90     | ug/L  | 83       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73    | 117358   | 4.78     | ug/L  | # 91     |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96    | 41112    | 5.14     | ug/L  | 90       |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 92296    | 5.30     | ug/L  | 98       |
| 21) 2-Butanone                | 4.732  | 43    | 208507   | 57.09    | ug/L  | 84       |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96    | 46912    | 4.95     | ug/L  | 91       |
| 23) Bromochloromethane        | 4.983  | 128   | 22693    | 5.25     | ug/L  | # 77     |
| 25) Chloroform                | 5.099  | 83    | 94597    | 5.09     | ug/L  | 100      |

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 MSVOA\_U  
 ClientSampleId :  
 E0AA0MS

Quant Time: Apr 27 23:47:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 27 23:46:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 69436    | 5.09  | ug/L # | 92       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 81669    | 4.96  | ug/L # | 93       |
| 30) Cyclohexane               | 5.398  | 56   | 63869    | 4.53  | ug/L   | 85       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 67970    | 4.95  | ug/L   | 98       |
| 33) Benzene                   | 5.784  | 78   | 181110   | 5.08  | ug/L   | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 46869    | 4.77  | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.771  | 83   | 61283    | 4.51  | ug/L # | 87       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 53803    | 5.36  | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.115  | 83   | 70264    | 5.22  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 69288    | 4.73  | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 496796   | 55.32 | ug/L # | 82       |
| 42) Toluene                   | 7.976  | 91   | 192605   | 4.83  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 66031    | 4.78  | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 38357    | 5.11  | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.562  | 164  | 37380    | 4.80  | ug/L   | 94       |
| 48) 2-Hexanone                | 8.693  | 43   | 379037   | 57.36 | ug/L # | 83       |
| 49) Dibromochloromethane      | 8.819  | 129  | 46661    | 4.93  | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 37564    | 5.03  | ug/L   | 99       |
| 51) Chlorobenzene             | 9.456  | 112  | 123487   | 4.86  | ug/L   | 95       |
| 52) Ethylbenzene              | 9.578  | 91   | 209383   | 4.59  | ug/L   | 97       |
| 53) m,p-Xylene                | 9.700  | 106  | 76431    | 4.58  | ug/L   | 87       |
| 54) o-Xylene                  | 10.108 | 106  | 75901    | 4.59  | ug/L   | 92       |
| 55) Styrene                   | 10.121 | 104  | 133868   | 4.73  | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 53466    | 5.42  | ug/L   | 99       |
| 59) Bromoform                 | 10.298 | 173  | 28640    | 4.82  | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.491 | 105  | 203860   | 4.37  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 10.828 | 75   | 39039    | 5.20  | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 163009   | 4.27  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 166077   | 4.23  | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.754 | 146  | 104852   | 4.73  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 104253   | 4.64  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 102110   | 4.75  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 8758     | 4.79  | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 81133    | 4.47  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 68359    | 4.54  | ug/L   | 100      |
| 71) Naphthalene               | 14.095 | 128  | 122658   | 4.83  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 65817    | 4.77  | ug/L   | 99       |

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

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