

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040721\  
 Data File : VU042973.D  
 Acq On : 07 Apr 2021 10:22  
 Operator : SY/MD  
 Sample : VSTD05036  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD050305

Quant Time: Apr 08 08:25:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM040721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 08 08:24:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 185827   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 181809   | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 102214   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 52654    | 39.50  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.909  | 69   | 44927    | 47.77  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63   | 123000   | 42.67  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.626  | 46   | 145908   | 100.45 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 128537   | 46.57  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 94238    | 47.93  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 230074   | 44.75  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 78716    | 45.55  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 227589   | 46.31  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 41761    | 46.47  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.639  | 63   | 99676    | 99.77  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 135498   | 51.04  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 101612   | 47.81  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 71920    | 46.80  | ug/L  | 100      |
| 3) Chloromethane              | 1.523  | 50   | 75094    | 51.94  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.610  | 62   | 69052    | 49.05  | ug/L  | 100      |
| 6) Bromomethane               | 1.848  | 94   | 47082    | 57.20  | ug/L  | 100      |
| 8) Chloroethane               | 1.932  | 64   | 44535    | 56.46  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.141  | 101  | 116452   | 52.81  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 61958    | 47.85  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.584  | 96   | 55947    | 47.52  | ug/L  | 100      |
| 13) Acetone                   | 2.626  | 43   | 109832   | 86.56  | ug/L  | 100      |
| 14) Carbon disulfide          | 2.800  | 76   | 178563   | 49.60  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.951  | 43   | 105540   | 51.76  | ug/L  | 100      |
| 16) Methylene chloride        | 3.054  | 84   | 65946    | 49.02  | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.359  | 96   | 60402    | 48.91  | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 3.369  | 73   | 211186   | 47.80  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 124639   | 48.74  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.674  | 96   | 68971    | 49.41  | ug/L  | 100      |
| 22) 2-Butanone                | 4.706  | 43   | 167171   | 98.52  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.983  | 128  | 36012    | 48.79  | ug/L  | 100      |
| 25) Chloroform                | 5.096  | 83   | 129633   | 49.63  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 117567   | 50.76  | ug/L  | 100      |
| 29) Cyclohexane               | 5.398  | 56   | 116391   | 48.31  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.324  | 97   | 117305   | 47.71  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.536  | 117  | 103318   | 48.49  | ug/L  | 100      |
| 33) Benzene                   | 5.784  | 78   | 268367   | 48.58  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 72124    | 49.47  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.771  | 83   | 111378   | 49.52  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 73978    | 47.96  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.115  | 83   | 100984   | 48.42  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 114094   | 47.71  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.796  | 43   | 318886   | 102.24 | ug/L  | 100      |
| 42) Toluene                   | 7.976  | 91   | 302066   | 50.62  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 116497   | 49.11  | ug/L  | 100      |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD050305

Quant Time: Apr 08 08:25:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM040721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 08 08:24:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 70527    | 49.42  | ug/L  | 100      |
| 46) Tetrachloroethene         | 8.558  | 164  | 57860    | 50.29  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.690  | 43   | 266160   | 104.97 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.819  | 129  | 81853    | 49.35  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 78394    | 49.13  | ug/L  | 100      |
| 51) Chlorobenzene             | 9.452  | 112  | 184134   | 48.82  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.578  | 91   | 335308   | 50.50  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 126842   | 51.04  | ug/L  | 100      |
| 54) o-xylene                  | 10.108 | 106  | 124678   | 50.62  | ug/L  | 100      |
| 55) Styrene                   | 10.121 | 104  | 214408   | 50.84  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 135057   | 51.39  | ug/L  | 100      |
| 59) Bromoform                 | 10.298 | 173  | 70782    | 49.56  | ug/L  | 100      |
| 60) 1,2,3-Trichloropropane    | 10.832 | 75   | 115344   | 50.77  | ug/L  | 100      |
| 61) Isopropylbenzene          | 10.491 | 105  | 340924   | 50.11  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 295785   | 50.23  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 304091   | 50.96  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 162260   | 50.30  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 163688   | 49.71  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 164761   | 49.85  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 37213    | 49.76  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 123393   | 49.92  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 97697    | 47.78  | ug/L  | 100      |
| 71) Naphthalene               | 14.095 | 128  | 306828   | 47.90  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 97014    | 46.79  | ug/L  | 100      |

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

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