

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022125\  
 Data File : VU063276.D  
 Acq On : 21 Feb 2025 15:59  
 Operator : MD/SY  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VICV011

Quant Time: Feb 24 11:56:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR022125WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Feb 24 11:41:21 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|--------|------|----------|------|-------|----------|
| -----                      |        |      |          |      |       |          |
| Internal Standards         |        |      |          |      |       |          |
| 1) 1,4-Difluorobenzene     | 6.238  | 114  | 195491   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.405  | 117  | 187385   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.801 | 152  | 88052    | 5.00 | ug/L  | 0.00     |

|                               |        |       |          |          |      |         |
|-------------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds   |        |       |          |          |      |         |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 81123    | 4.84     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 96.80%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 66310    | 4.87     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 97.40%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 33611    | 5.02     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 100.40% |
| 20) 2-Butanone-d5             | 4.605  | 46    | 181828   | 51.71    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 103.42% |
| 24) Chloroform-d              | 5.049  | 84    | 151317   | 5.01     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 26) 1,2-Dichloroethane-d4     | 5.688  | 65    | 75630    | 4.97     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                | 5.714  | 84    | 298060   | 5.03     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67    | 95245    | 5.02     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40% |
| 41) Toluene-d8                | 7.888  | 98    | 273461   | 5.17     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 103.40% |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 35834    | 5.16     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 103.20% |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 141738   | 53.80    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 107.60% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.743 | 84    | 76078    | 4.96     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152   | 87134    | 5.04     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

|                               |       |     |        |        |      |     |
|-------------------------------|-------|-----|--------|--------|------|-----|
| Target Compounds              |       |     |        | Qvalue |      |     |
| 2) Dichlorodifluoromethane    | 1.380 | 85  | 87169  | 4.85   | ug/L | 98  |
| 3) Chloromethane              | 1.515 | 50  | 96929  | 4.70   | ug/L | 99  |
| 5) Vinyl chloride             | 1.599 | 62  | 98212  | 4.87   | ug/L | 98  |
| 6) Bromomethane               | 1.843 | 94  | 56805  | 4.81   | ug/L | 100 |
| 8) Chloroethane               | 1.923 | 64  | 60676  | 4.94   | ug/L | 99  |
| 9) Trichlorofluoromethane     | 2.129 | 101 | 112076 | 4.85   | ug/L | 97  |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.570 | 101 | 70127  | 4.88   | ug/L | 97  |
| 12) 1,1-Dichloroethene        | 2.570 | 96  | 68145  | 4.86   | ug/L | 97  |
| 13) Acetone                   | 2.611 | 43  | 107819 | 48.26  | ug/L | 99  |
| 14) Carbon disulfide          | 2.782 | 76  | 226859 | 4.92   | ug/L | 99  |
| 15) Methyl Acetate            | 2.939 | 43  | 31430  | 5.25   | ug/L | 98  |
| 16) Methylene chloride        | 3.033 | 84  | 82357  | 4.79   | ug/L | 98  |
| 17) Methyl tert-butyl Ether   | 3.348 | 73  | 179690 | 5.04   | ug/L | 99  |
| 18) trans-1,2-Dichloroethene  | 3.341 | 96  | 72659  | 4.91   | ug/L | 99  |
| 19) 1,1-Dichloroethane        | 3.852 | 63  | 146830 | 4.99   | ug/L | 99  |
| 21) 2-Butanone                | 4.685 | 43  | 187902 | 50.36  | ug/L | 99  |
| 22) cis-1,2-Dichloroethene    | 4.650 | 96  | 83816  | 4.99   | ug/L | 97  |
| 23) Bromochloromethane        | 4.959 | 128 | 36884  | 4.94   | ug/L | 94  |
| 25) Chloroform                | 5.071 | 83  | 149199 | 4.98   | ug/L | 96  |

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 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VICV011

Quant Time: Feb 24 11:56:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR022125WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Feb 24 11:41:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.782  | 62   | 91901    | 4.80  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.303  | 97   | 119857   | 5.06  | ug/L  | 99       |
| 30) Cyclohexane               | 5.373  | 56   | 121273   | 5.18  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.512  | 117  | 99722    | 4.97  | ug/L  | 100      |
| 33) Benzene                   | 5.759  | 78   | 329345   | 5.01  | ug/L  | 100      |
| 34) Trichloroethene           | 6.531  | 95   | 82166    | 4.98  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.749  | 83   | 119241   | 5.00  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.778  | 63   | 87510    | 5.00  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.093  | 83   | 104000   | 4.98  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.595  | 75   | 123442   | 5.10  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.775  | 43   | 475906   | 52.26 | ug/L  | 99       |
| 42) Toluene                   | 7.958  | 91   | 343152   | 5.12  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.200  | 75   | 100488   | 5.04  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.386  | 97   | 62835    | 5.04  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.544  | 164  | 59653    | 5.00  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.669  | 43   | 348279   | 54.73 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.798  | 129  | 66391    | 5.01  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.910  | 107  | 58950    | 5.18  | ug/L  | 96       |
| 51) Chlorobenzene             | 9.437  | 112  | 206590   | 4.98  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.560  | 91   | 354942   | 5.07  | ug/L  | 98       |
| 53) m,p-Xylene                | 9.682  | 106  | 134460   | 5.16  | ug/L  | 99       |
| 54) o-Xylene                  | 10.090 | 106  | 130759   | 5.23  | ug/L  | 98       |
| 55) Styrene                   | 10.103 | 104  | 215399   | 5.24  | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.769 | 83   | 79100    | 5.04  | ug/L  | 98       |
| 59) Bromoform                 | 10.280 | 173  | 39621    | 4.96  | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.473 | 105  | 346492   | 5.26  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.810 | 75   | 53168    | 4.98  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.077 | 105  | 270248   | 5.28  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 257892   | 5.37  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.736 | 146  | 156258   | 5.10  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.826 | 146  | 154214   | 5.05  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 145482   | 5.09  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75   | 10416    | 5.22  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.209 | 180  | 106393   | 5.03  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 80105    | 5.29  | ug/L  | 99       |
| 71) Naphthalene               | 14.080 | 128  | 119807   | 5.92  | ug/L  | 97       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 69109    | 5.32  | ug/L  | 98       |

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

