

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102224\  
 Data File : VX043474.D  
 Acq On : 22 Oct 2024 09:39  
 Operator : JC/MD  
 Sample : VSTD05014  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050614

Quant Time: Oct 23 01:44:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML102224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 23 01:43:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114  | 132724   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 117103   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 54458    | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.374  | 65   | 36598    | 49.126  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.654  | 69   | 16973    | 47.049  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.301  | 65   | 17413    | 50.096  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.477  | 46   | 46963    | 98.118  | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.056  | 84   | 92657    | 50.264  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.958  | 65   | 58781    | 50.142  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.971  | 84   | 168135   | 51.539  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.306  | 67   | 52083    | 51.781  | ug/L  | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 154050   | 51.913  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 21940    | 50.315  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 9.391  | 63   | 32638    | 104.220 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84   | 57991    | 51.726  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 53569    | 51.099  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.173  | 85   | 54702    | 53.100  | ug/L  | 100      |
| 3) Chloromethane              | 1.295  | 50   | 52715    | 51.066  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.380  | 62   | 49335    | 51.554  | ug/L  | 100      |
| 6) Bromomethane               | 1.599  | 94   | 19264    | 48.249  | ug/L  | 100      |
| 8) Chloroethane               | 1.673  | 64   | 16031    | 43.517  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.868  | 101  | 67081    | 51.638  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319  | 101  | 39056    | 51.230  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.313  | 96   | 35764    | 50.789  | ug/L  | 100      |
| 13) Acetone                   | 2.398  | 43   | 44047    | 93.062  | ug/L  | 100      |
| 14) Carbon disulfide          | 2.508  | 76   | 77502    | 49.325  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.715  | 43   | 40212    | 48.620  | ug/L  | 100      |
| 16) Methylene chloride        | 2.788  | 84   | 43723    | 49.949  | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.087  | 96   | 39891    | 51.087  | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 3.124  | 73   | 137495   | 50.874  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.605  | 63   | 81821    | 51.336  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.483  | 96   | 49065    | 51.112  | ug/L  | 100      |
| 22) 2-Butanone                | 4.574  | 43   | 56539    | 98.861  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.898  | 128  | 23488    | 51.895  | ug/L  | 100      |
| 25) Chloroform                | 5.093  | 83   | 90775    | 51.665  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 67641    | 50.040  | ug/L  | 100      |
| 29) Cyclohexane               | 5.465  | 56   | 66077    | 52.214  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.379  | 97   | 73726    | 52.501  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.678  | 117  | 58155    | 52.136  | ug/L  | 100      |
| 33) Benzene                   | 6.038  | 78   | 178460   | 53.394  | ug/L  | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 46646    | 52.516  | ug/L  | 100      |
| 35) Methylcyclohexane         | 7.379  | 83   | 64646    | 53.051  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 46436    | 53.442  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.824  | 83   | 57624    | 51.807  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 8.367  | 75   | 71986    | 54.124  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 107218   | 106.595 | ug/L  | 100      |
| 42) Toluene                   | 8.720  | 91   | 181758   | 52.676  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 61670    | 53.907  | ug/L  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102224\  
 Data File : VX043474.D  
 Acq On : 22 Oct 2024 09:39  
 Operator : JC/MD  
 Sample : VSTD05014  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050614

Quant Time: Oct 23 01:44:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML102224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 23 01:43:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 41969    | 53.187 | ug/L  | 100      |
| 46) Tetrachloroethene         | 9.275  | 164  | 32855    | 54.694 | ug/L  | 100      |
| 48) 2-Hexanone                | 9.433  | 43   | 77092    | 98.243 | ug/L  | 100      |
| 49) Dibromochloromethane      | 9.519  | 129  | 37380    | 50.755 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 42904    | 52.756 | ug/L  | 100      |
| 51) Chlorobenzene             | 10.080 | 112  | 120400   | 52.924 | ug/L  | 100      |
| 52) Ethylbenzene              | 10.195 | 91   | 200133   | 53.379 | ug/L  | 100      |
| 53) m,p-Xylene                | 10.305 | 106  | 75626    | 53.827 | ug/L  | 100      |
| 54) o-Xylene                  | 10.640 | 106  | 78085    | 54.277 | ug/L  | 100      |
| 55) Styrene                   | 10.659 | 104  | 126595   | 52.979 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 58773    | 52.393 | ug/L  | 100      |
| 59) Bromoform                 | 10.799 | 173  | 21952    | 50.848 | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.964 | 105  | 190875   | 53.159 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 48033    | 52.586 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 165331   | 53.875 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 165917   | 53.186 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.970 | 146  | 87256    | 53.257 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 87723    | 52.197 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 86413    | 52.922 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 10326    | 49.448 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.110 | 180  | 57471    | 53.967 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 47414    | 53.235 | ug/L  | 100      |
| 71) Naphthalene               | 13.774 | 128  | 138788   | 52.975 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 47631    | 53.187 | ug/L  | 100      |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102224\  
Data File : VX043474.D  
Acq On : 22 Oct 2024 09:39  
Operator : JC/MD  
Sample : VSTD05014  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD050614

Quant Time: Oct 23 01:44:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM102224WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 23 01:43:03 2024  
Response via : Initial Calibration

