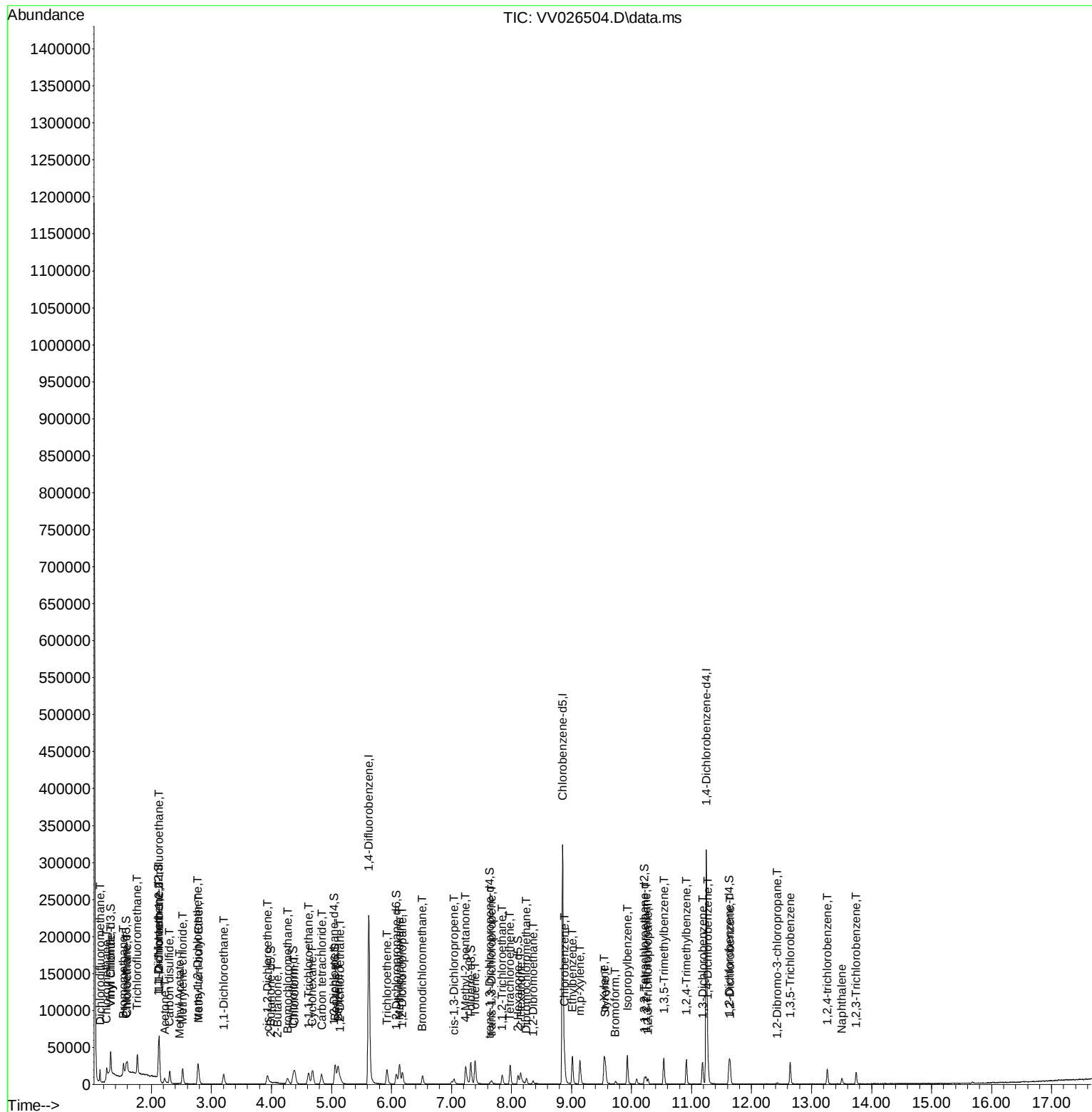


**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD0.5273

## Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/28/2022  
Supervised By :Mahesh Dadoda 06/28/2022



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062322\  
 Data File : VV026504.D  
 Acq On : 23 Jun 2022 10:25  
 Operator : SY/MD  
 Sample : VSTD0.573  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5273

Quant Time: Jun 24 00:00:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 24 00:00:05 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/28/2022  
 Supervised By :Mahesh Dadoda 06/28/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114  | 208935   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 187148   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 83507    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65   | 8846     | 0.503 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.581  | 69   | 7076     | 0.504 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.121  | 63   | 15667    | 0.511 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.986  | 46   | 6668m    | 3.752 | ug/L   | 0.06     |
| 24) Chloroform-d              | 4.365  | 84   | 13799    | 0.521 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.050  | 65   | 5130     | 0.467 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.063  | 84   | 26285    | 0.522 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.079  | 67   | 7077     | 0.450 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.323  | 98   | 21933    | 0.479 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.641  | 79   | 1247     | 0.278 | ug/L   | 0.02     |
| 46) 2-Hexanone-d5             | 8.108  | 63   | 5040     | 3.579 | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 4718     | 0.525 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 7183     | 0.557 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.143  | 85   | 8492     | 0.546 | ug/L   | 98       |
| 3) Chloromethane              | 1.253  | 50   | 10739    | 0.624 | ug/L   | 98       |
| 5) Vinyl chloride             | 1.323  | 62   | 10496    | 0.586 | ug/L # | 1        |
| 6) Bromomethane               | 1.536  | 94   | 5989     | 0.606 | ug/L   | 96       |
| 8) Chloroethane               | 1.597  | 64   | 8058m    | 0.706 | ug/L   |          |
| 9) Trichlorofluoromethane     | 1.764  | 101  | 14866    | 0.599 | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.127  | 101  | 8717     | 0.600 | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.130  | 96   | 7479     | 0.563 | ug/L   | 91       |
| 13) Acetone                   | 2.224  | 43   | 5463m    | 4.566 | ug/L   |          |
| 14) Carbon disulfide          | 2.304  | 76   | 19938    | 0.603 | ug/L   | 95       |
| 15) Methyl Acetate            | 2.471  | 43   | 1242m    | 0.403 | ug/L   |          |
| 16) Methylene chloride        | 2.519  | 84   | 9288     | 0.558 | ug/L   | 90       |
| 17) Methyl tert-butyl Ether   | 2.786  | 73   | 11448    | 0.515 | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.773  | 96   | 7953     | 0.612 | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 3.204  | 63   | 14524    | 0.595 | ug/L   | 99       |
| 21) 2-Butanone                | 4.101  | 43   | 6662m    | 3.896 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.934  | 96   | 7080     | 0.540 | ug/L   | 96       |
| 23) Bromochloromethane        | 4.269  | 128  | 2956     | 0.540 | ug/L   | 89       |
| 25) Chloroform                | 4.384  | 83   | 15737    | 0.596 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.143  | 62   | 6459     | 0.541 | ug/L # | 94       |
| 29) 1,1,1-Trichloroethane     | 4.619  | 97   | 12320    | 0.584 | ug/L   | 99       |
| 30) Cyclohexane               | 4.680  | 56   | 8602     | 0.536 | ug/L   | 93       |
| 31) Carbon tetrachloride      | 4.838  | 117  | 10714    | 0.598 | ug/L   | 95       |
| 33) Benzene                   | 5.111  | 78   | 27744    | 0.563 | ug/L   | 100      |
| 34) Trichloroethene           | 5.924  | 95   | 8150     | 0.610 | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.133  | 83   | 10538    | 0.556 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 7089     | 0.565 | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.516  | 83   | 8164     | 0.539 | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.043  | 75   | 5574     | 0.403 | ug/L   | 86       |
| 40) 4-Methyl-2-pentanone      | 7.236  | 43   | 18769    | 4.190 | ug/L   | 97       |
| 42) Toluene                   | 7.394  | 91   | 26328    | 0.511 | ug/L   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062322\  
 Data File : VV026504.D  
 Acq On : 23 Jun 2022 10:25  
 Operator : SY/MD  
 Sample : VSTD0.573  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5273

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/28/2022  
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 00:00:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 24 00:00:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 44) trans-1,3-Dichloropropene | 7.667  | 75   | 3552     | 0.324 | ug/L   | 88       |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 4163     | 0.507 | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.976  | 164  | 6015     | 0.600 | ug/L   | 95       |
| 48) 2-Hexanone                | 8.153  | 43   | 12847m   | 4.065 | ug/L   |          |
| 49) Dibromochloromethane      | 8.249  | 129  | 4138     | 0.466 | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.358  | 107  | 3714     | 0.527 | ug/L # | 97       |
| 51) Chlorobenzene             | 8.882  | 112  | 18964    | 0.565 | ug/L   | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 27271    | 0.524 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.143  | 106  | 10305    | 0.504 | ug/L   | 82       |
| 54) o-Xylene                  | 9.545  | 106  | 9363     | 0.480 | ug/L   | 100      |
| 55) Styrene                   | 9.564  | 104  | 14253    | 0.435 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 4533     | 0.531 | ug/L   | 95       |
| 59) Bromoform                 | 9.731  | 173  | 1706     | 0.489 | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 24274    | 0.527 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 2713     | 0.505 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 19451    | 0.532 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 18066    | 0.498 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 12885    | 0.574 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 13126    | 0.578 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 10752    | 0.547 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 648      | 0.696 | ug/L # | 64       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 9558     | 0.594 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 6151     | 0.519 | ug/L   | 93       |
| 71) Naphthalene               | 13.506 | 128  | 7355     | 0.455 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 5030     | 0.513 | ug/L   | 92       |

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