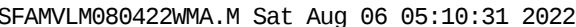


## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022  
Supervised By :Mahesh Dadoda 08/08/2022



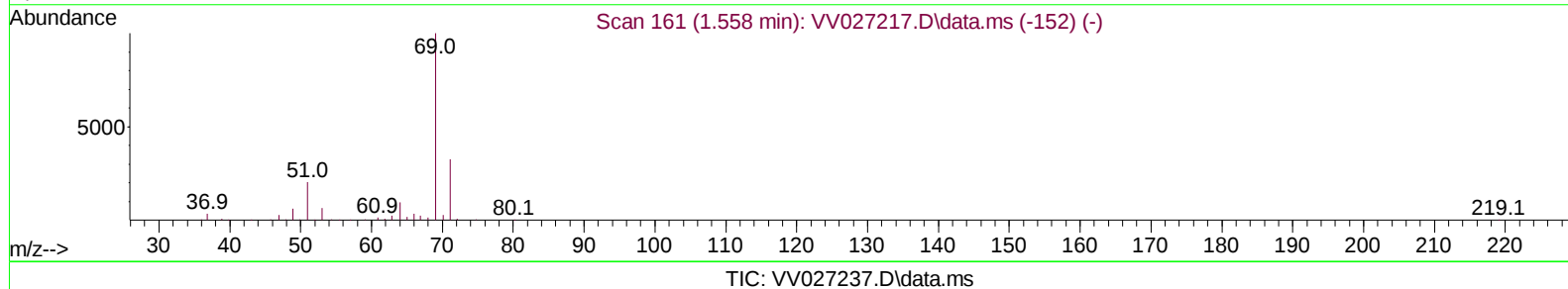
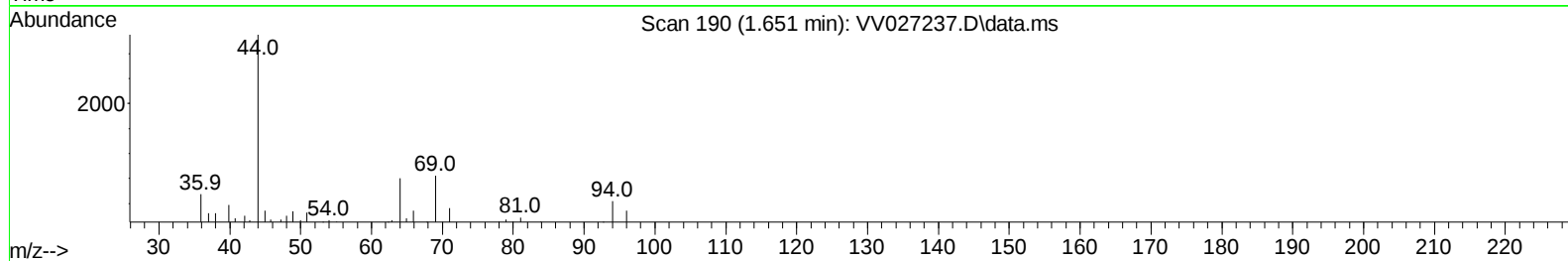
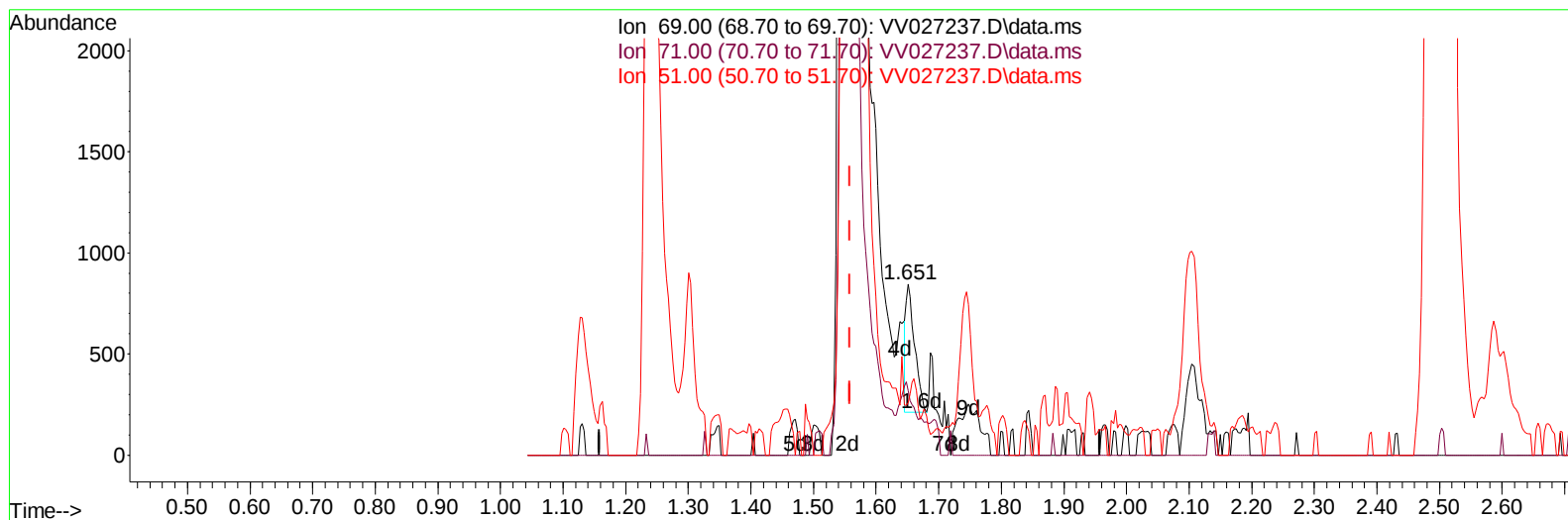
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080522\  
 Data File : VV027237.D  
 Acq On : 05 Aug 2022 20:17  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050EC

Manual IntegrationsAPPROVED

Quant Time: Aug 06 04:03:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022



(7) Chloroethane-d5 (S)

1.651min (+ 0.093) 0.39 ug/L

response 625

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 31.90  | 40.80  |
| 51.00 | 22.80  | 24.00  |
| 0.00  | 0.00   | 0.00   |

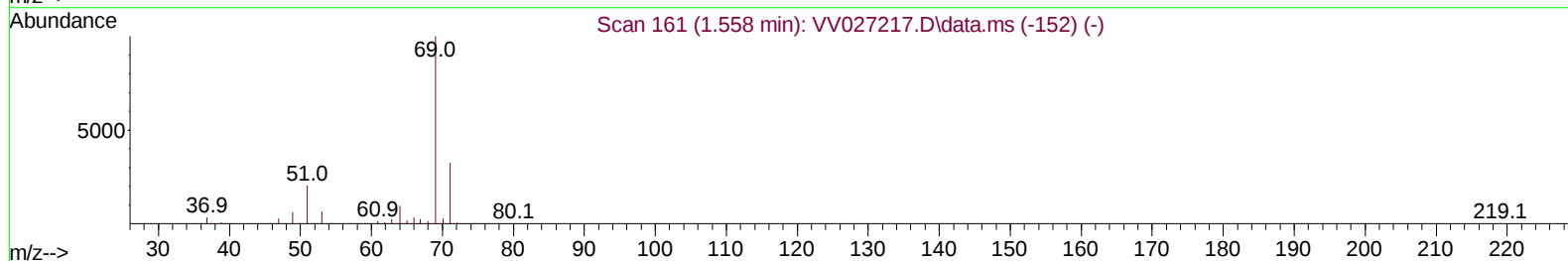
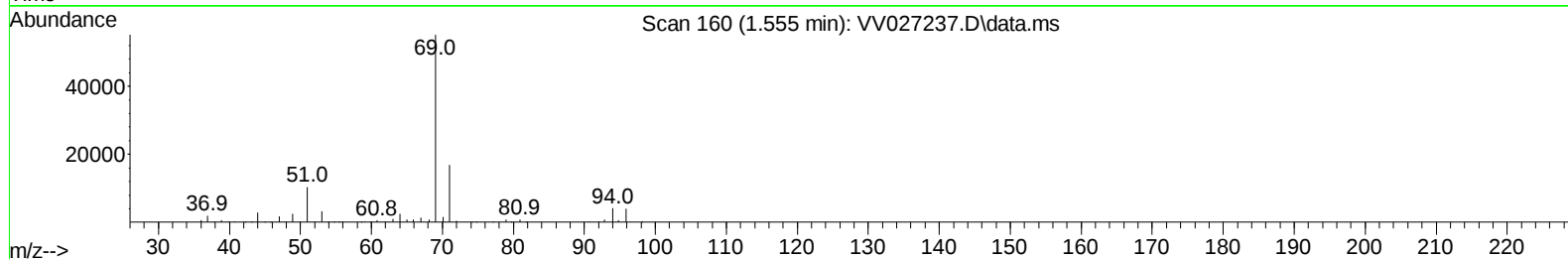
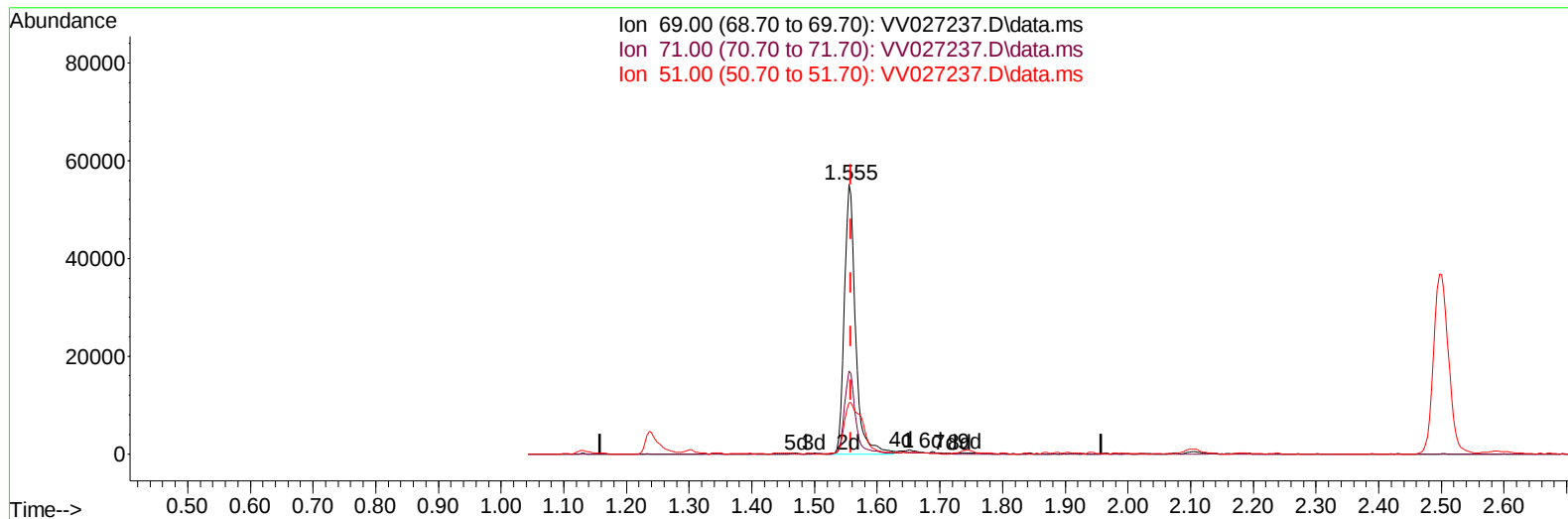
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080522\  
 Data File : VV027237.D  
 Acq On : 05 Aug 2022 20:17  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050EC

Manual IntegrationsAPPROVED

Quant Time: Aug 06 04:03:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022



TIC: VV027237.D\data.ms

(7) Chloroethane-d5 (S)

1.555min (-0.003) 41.99 ug/L m

response 68088

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 31.90  | 0.37#  |
| 51.00 | 22.80  | 0.22#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080522\  
 Data File : VV027237.D  
 Acq On : 05 Aug 2022 20:17  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050EC

Manual IntegrationsAPPROVED

Quant Time: Aug 06 04:03:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022

| Compound                      | R.T.     | QIon  | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|----------|----------|
| -----                         |          |       |          |         |          |          |
| Internal Standards            |          |       |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.612    | 114   | 325310   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850    | 117   | 326975   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246   | 152   | 178567   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.301    | 65    | 75204    | 33.908  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =       | 67.820%  |          |
| 7) Chloroethane-d5            | 1.555    | 69    | 68088m   | 41.993  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =       | 83.980%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.101    | 63    | 153104   | 37.740  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 75.480%  |          |
| 21) 2-Butanone-d5             | 3.873    | 46    | 214843   | 108.825 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =       | 108.830% |          |
| 24) Chloroform-d              | 4.346    | 84    | 203579   | 44.811  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 89.620%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027    | 65    | 129054   | 45.752  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 91.500%  |          |
| 32) Benzene-d6                | 5.043    | 84    | 315410   | 40.225  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 80.460%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066    | 67    | 123133   | 44.146  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =       | 88.300%  |          |
| 41) Toluene-d8                | 7.313    | 98    | 270739   | 40.508  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 81.020%  |          |
| 43) trans-1,3-Dichloroprop... | 7.619    | 79    | 54120    | 44.516  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 89.040%  |          |
| 47) 2-Hexanone-d5             | 8.085    | 63    | 146015   | 108.691 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =       | 108.690% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214   | 84    | 235887   | 51.896  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =       | 103.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622   | 152   | 136331   | 44.210  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 88.420%  |          |
| Target Compounds              |          |       |          |         |          |          |
|                               |          |       |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 1.127    | 85    | 136725   | 47.246  | ug/L     | 98       |
| 3) Chloromethane              | 1.236    | 50    | 169523   | 51.277  | ug/L     | 99       |
| 5) Vinyl chloride             | 1.307    | 62    | 158579   | 48.150  | ug/L     | 99       |
| 6) Bromomethane               | 1.507    | 94    | 73973    | 47.645  | ug/L     | 99       |
| 8) Chloroethane               | 1.574    | 64    | 97101    | 52.923  | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 1.744    | 101   | 201475   | 47.677  | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108    | 101   | 108136   | 46.148  | ug/L     | 97       |
| 12) 1,1-Dichloroethene        | 2.111    | 96    | 106294   | 47.156  | ug/L     | 79       |
| 13) Acetone                   | 2.156    | 43    | 162307   | 106.621 | ug/L     | 91       |
| 14) Carbon disulfide          | 2.285    | 76    | 358565   | 46.739  | ug/L     | 100      |
| 15) Methyl Acetate            | 2.423    | 43    | 190185   | 54.929  | ug/L #   | 82       |
| 16) Methylene chloride        | 2.500    | 84    | 153608   | 51.017  | ug/L     | 86       |
| 17) trans-1,2-Dichloroethene  | 2.751    | 96    | 124054   | 49.733  | ug/L     | 90       |
| 18) Methyl tert-butyl Ether   | 2.767    | 73    | 399269   | 53.819  | ug/L #   | 94       |
| 19) 1,1-Dichloroethane        | 3.182    | 63    | 257351   | 51.394  | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 3.905    | 96    | 143731   | 55.468  | ug/L     | 87       |
| 22) 2-Butanone                | 3.953    | 43    | 249563   | 119.580 | ug/L     | 98       |
| 23) Bromochloromethane        | 4.240    | 128   | 74922    | 51.778  | ug/L     | 84       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080522\  
 Data File : VV027237.D  
 Acq On : 05 Aug 2022 20:17  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC050EC

Manual IntegrationsAPPROVED

Quant Time: Aug 06 04:03:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 25) Chloroform                | 4.368  | 83   | 265709   | 52.506  | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.124  | 62   | 207294   | 52.596  | ug/L   | 94       |
| 29) Cyclohexane               | 4.670  | 56   | 180214   | 47.857  | ug/L   | 89       |
| 30) 1,1,1-Trichloroethane     | 4.600  | 97   | 216718   | 50.006  | ug/L   | 96       |
| 31) Carbon tetrachloride      | 4.822  | 117  | 183226   | 48.696  | ug/L   | 100      |
| 33) Benzene                   | 5.095  | 78   | 546293   | 51.991  | ug/L   | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 147063   | 54.661  | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.127  | 83   | 187840   | 47.481  | ug/L   | 90       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 158636   | 53.890  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 199541   | 51.735  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 201265   | 51.617  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 499386   | 118.918 | ug/L # | 90       |
| 42) Toluene                   | 7.384  | 91   | 572398   | 53.578  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 201901   | 52.690  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 151077   | 53.250  | ug/L   | 96       |
| 46) Tetrachloroethene         | 7.973  | 164  | 94531    | 48.005  | ug/L   | 95       |
| 48) 2-Hexanone                | 8.136  | 43   | 409489   | 122.433 | ug/L # | 89       |
| 49) Dibromochloromethane      | 8.243  | 129  | 158000   | 52.683  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 157471   | 53.941  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 360083   | 50.250  | ug/L   | 96       |
| 52) Ethylbenzene              | 9.011  | 91   | 565019   | 51.255  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.136  | 106  | 220666   | 52.966  | ug/L   | 94       |
| 54) o-Xylene                  | 9.542  | 106  | 214057   | 52.738  | ug/L   | 92       |
| 55) Styrene                   | 9.558  | 104  | 402348   | 56.272  | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 257948   | 54.271  | ug/L   | 99       |
| 59) Bromoform                 | 9.728  | 173  | 104269   | 49.147  | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 543664   | 48.312  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 208821   | 50.938  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 451342   | 48.567  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 459899   | 50.516  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 268138   | 49.163  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 274909   | 47.895  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 281475   | 49.255  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 57156    | 49.696  | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 171129   | 46.716  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 141953   | 46.657  | ug/L   | 99       |
| 71) Naphthalene               | 13.500 | 128  | 512434   | 49.187  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 167045   | 49.534  | ug/L   | 100      |

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