

(QT Reviewed)

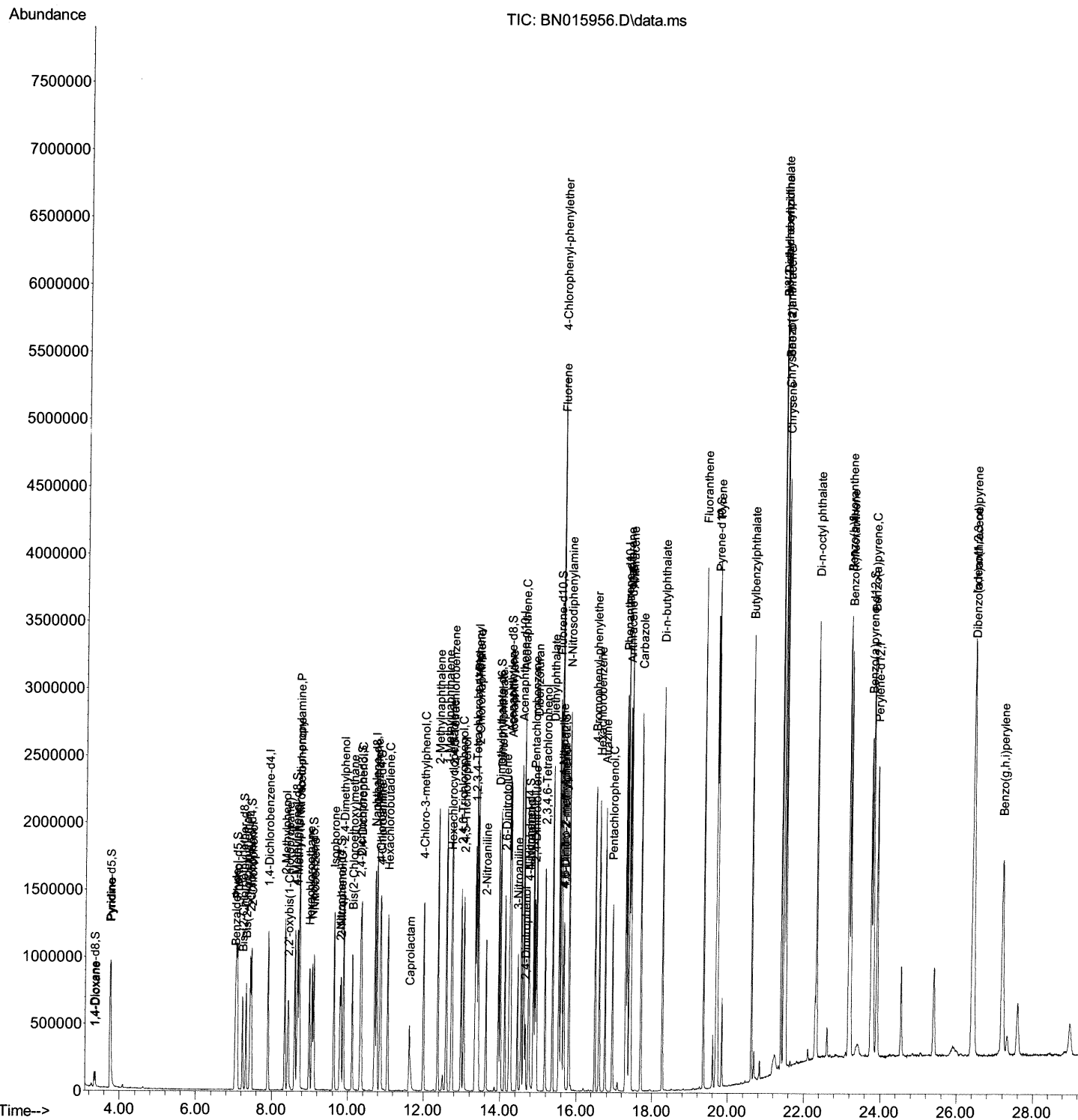
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\  
Data File : BN015956.D  
Acq On    : 19 Aug 2021   03:53  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 62    Sample Multiplier: 1
```

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC020

**Manual Integrations**  
**APPROVED**

mohammad  
8/19/2021 1:26:07 PM

Quant Time: Aug 19 04:32:35 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081621MA.M  
Quant Title : SVOA CALIBRATION  
Qlast Update : Tue Aug 17 09:43:53 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

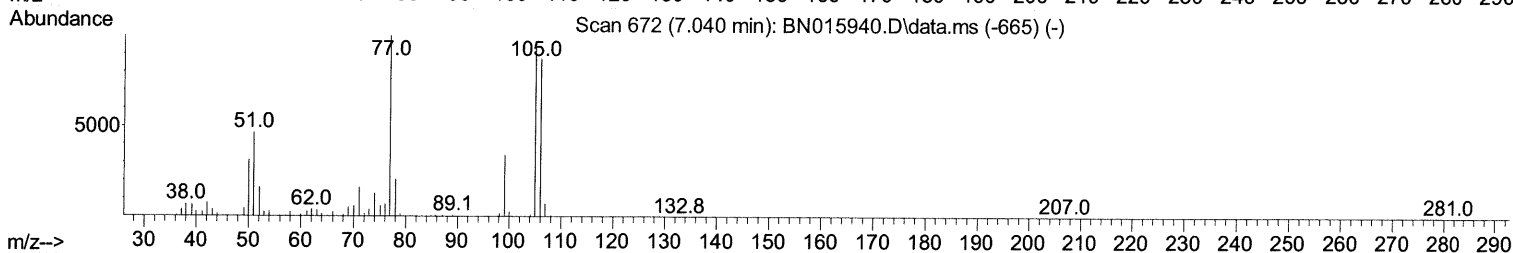
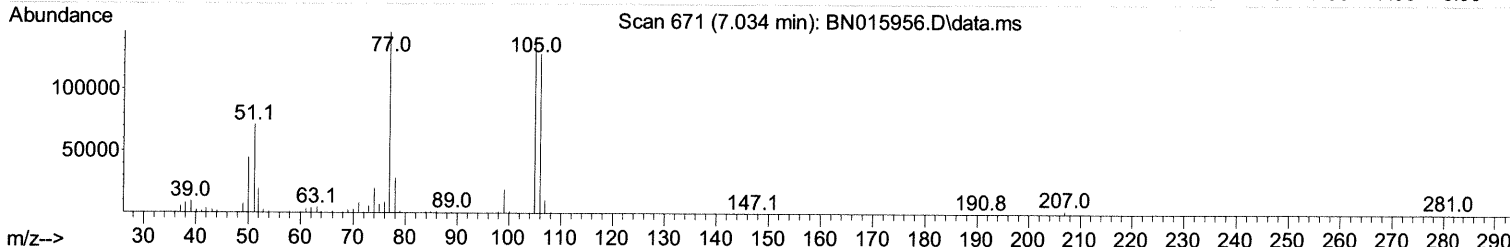
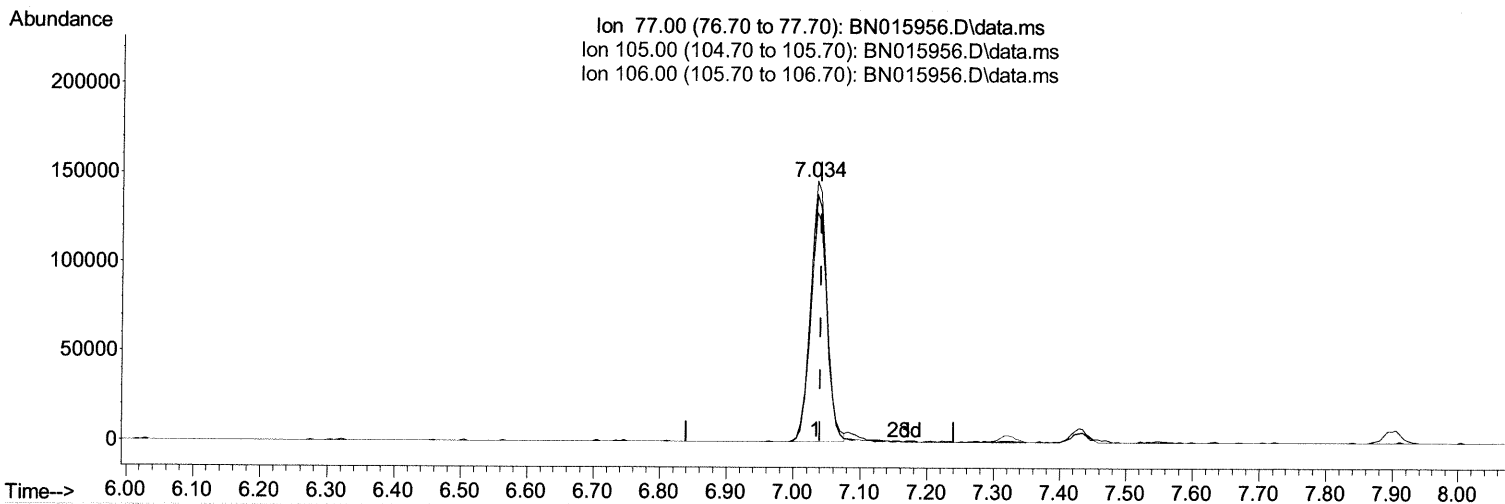
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TIC: BN015956.D\data.ms

## (6) Benzaldehyde

7.034min (-0.006) 17.06 ng/ul

response 247172

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 91.70  | 95.00  |
| 106.00 | 87.90  | 88.17  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

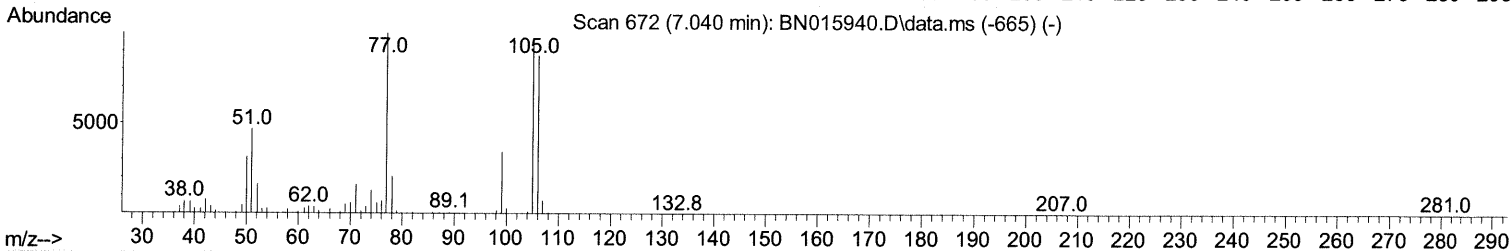
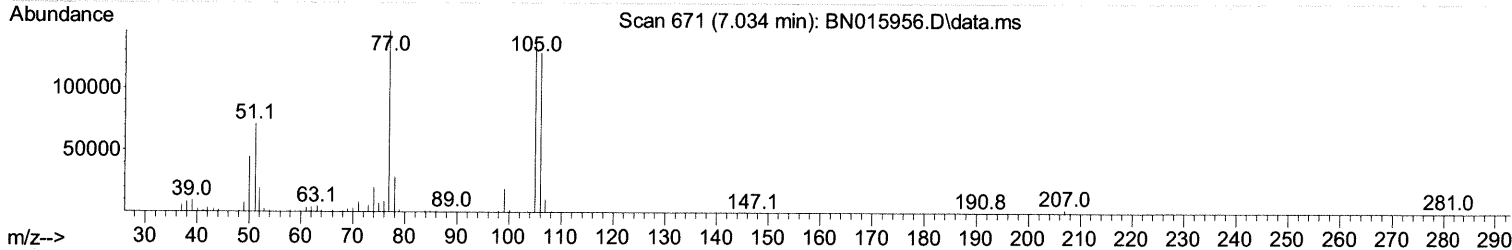
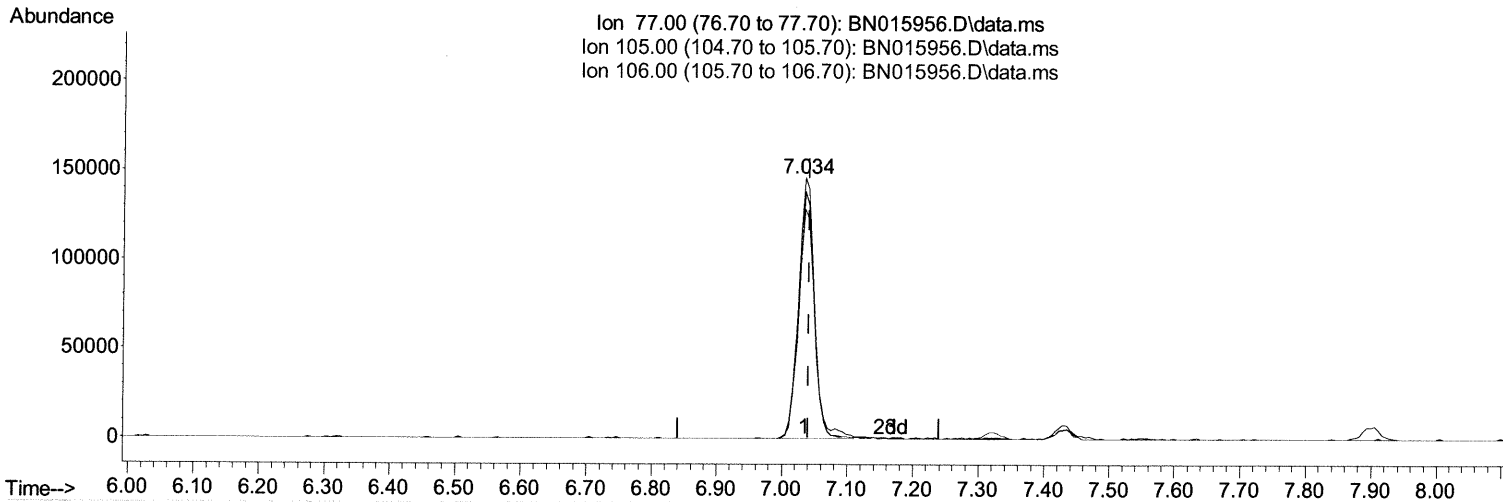
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TIC: BN015956.D\data.ms

**(6) Benzaldehyde**

7.034min (-0.006) 17.50 ng/ul m 08/20/21 JU

response 253571

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 91.70  | 95.00  |
| 106.00 | 87.90  | 88.17  |
| 0.00   | 0.00   | 0.00   |

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 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc Units   | Dev(Min) |
|---------------------------|--------|------|----------|--------------|----------|
| -----                     |        |      |          |              |          |
| Internal Standards        |        |      |          |              |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.899  | 152  | 311302   | 20.000 ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.710 | 136  | 1327791  | 20.000 ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.546 | 164  | 851107   | 20.000 ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.298 | 188  | 1757335  | 20.000 ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.480 | 240  | 1689690  | 20.000 ng/ul | 0.00     |
| 88) Perylene-d12          | 23.904 | 264  | 1662963  | 20.000 ng/ul | 0.00     |

|                               |        |     |         |              |      |
|-------------------------------|--------|-----|---------|--------------|------|
| System Monitoring Compounds   |        |     |         |              |      |
| 3) 1,4-Dioxane-d8             | 3.334  | 96  | 58085   | 7.268 ng/ul  | 0.00 |
| 4) Pyridine-d5                | 3.746  | 84  | 424485  | 19.005 ng/ul | 0.00 |
| 7) Phenol-d5                  | 7.058  | 99  | 547399  | 19.440 ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67  | 327447  | 18.887 ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4         | 7.428  | 132 | 424238  | 21.173 ng/ul | 0.00 |
| 15) 4-Methylphenol-d8         | 8.611  | 113 | 442849  | 20.220 ng/ul | 0.00 |
| 21) Nitrobenzene-d5           | 9.063  | 128 | 203993  | 20.874 ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4          | 9.787  | 143 | 224409  | 24.535 ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3     | 10.328 | 165 | 430380  | 21.745 ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4        | 10.846 | 131 | 596426  | 19.797 ng/ul | 0.00 |
| 46) Dimethylphthalate-d6      | 13.957 | 166 | 1278487 | 20.497 ng/ul | 0.00 |
| 49) Acenaphthylene-d8         | 14.240 | 160 | 1533680 | 19.634 ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4          | 14.740 | 143 | 212374  | 19.250 ng/ul | 0.00 |
| 60) Fluorene-d10              | 15.540 | 176 | 1095399 | 20.133 ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200 | 167893  | 17.889 ng/ul | 0.00 |
| 73) Anthracene-d10            | 17.392 | 188 | 1663687 | 20.198 ng/ul | 0.00 |
| 81) Pyrene-d10                | 19.686 | 212 | 1851745 | 20.346 ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12        | 23.745 | 264 | 1811505 | 20.147 ng/ul | 0.00 |

|                               |        |     |         |              |              |
|-------------------------------|--------|-----|---------|--------------|--------------|
| Target Compounds              |        |     |         | Qvalue       |              |
| 2) 1,4-Dioxane                | 3.370  | 88  | 63865   | 7.774 ng/ul  | 92           |
| 5) Pyridine                   | 3.764  | 79  | 427010  | 18.543 ng/ul | 95           |
| 6) Benzaldehyde               | 7.034  | 77  | 253571m | 17.501 ng/ul | > 98/20/21ju |
| 8) Phenol                     | 7.087  | 94  | 570853  | 19.886 ng/ul | 94           |
| 10) Bis(2-Chloroethyl)ether   | 7.322  | 93  | 440898  | 19.605 ng/ul | 97           |
| 12) 2-Chlorophenol            | 7.464  | 128 | 437669  | 21.251 ng/ul | 98           |
| 13) 2-Methylphenol            | 8.346  | 108 | 422716  | 20.103 ng/ul | 94           |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434  | 45  | 555135  | 19.329 ng/ul | 97           |
| 16) Acetophenone              | 8.722  | 105 | 712729  | 20.166 ng/ul | 99           |
| 17) N-Nitroso-di-n-propyla... | 8.711  | 70  | 368799  | 21.368 ng/ul | 98           |
| 18) 4-Methylphenol            | 8.675  | 108 | 464770  | 20.652 ng/ul | 93           |
| 19) Hexachloroethane          | 8.981  | 117 | 190216  | 20.338 ng/ul | 96           |
| 22) Nitrobenzene              | 9.105  | 77  | 560035  | 20.266 ng/ul | 99           |
| 23) Isophorone                | 9.628  | 82  | 1013951 | 21.091 ng/ul | 99           |
| 25) 2-Nitrophenol             | 9.822  | 139 | 241922  | 24.255 ng/ul | 96           |
| 26) 2,4-Dimethylphenol        | 9.881  | 107 | 535034  | 20.083 ng/ul | 92           |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93  | 610231  | 20.665 ng/ul | 99           |
| 29) 2,4-Dichlorophenol        | 10.352 | 162 | 420534  | 21.550 ng/ul | 96           |
| 30) Naphthalene               | 10.757 | 128 | 1464758 | 20.597 ng/ul | 98           |
| 32) 4-Chloroaniline           | 10.869 | 127 | 593669  | 19.959 ng/ul | 97           |
| 33) Hexachlorobutadiene       | 11.052 | 225 | 297237  | 19.824 ng/ul | 97           |
| 34) Caprolactam               | 11.634 | 113 | 137192  | 22.439 ng/ul | 90           |
| 35) 4-Chloro-3-methylphenol   | 11.999 | 107 | 511016  | 22.108 ng/ul | 98           |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.369 | 142  | 1005826  | 20.339 | ng/ul  | 93       |
| 37) 1-Methylnaphthalene       | 12.593 | 142  | 958300   | 19.468 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216  | 548363   | 19.916 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.722 | 237  | 285405   | 15.988 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.981 | 196  | 339093   | 22.523 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.051 | 196  | 359322   | 21.860 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.381 | 154  | 1318517  | 20.034 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.422 | 162  | 1047890  | 20.620 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.622 | 65   | 327615   | 22.752 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 14.004 | 163  | 1292561  | 20.904 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.122 | 165  | 261620   | 23.364 | ng/ul# | 85       |
| 50) Acenaphthylene            | 14.269 | 152  | 1543167  | 20.781 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.451 | 138  | 230741   | 19.165 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.610 | 153  | 1095659  | 20.399 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.651 | 184  | 94466    | 15.183 | ng/ul  | 89       |
| 55) 4-Nitrophenol             | 14.757 | 109  | 210523   | 19.502 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.945 | 168  | 1515800  | 20.413 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 380032   | 23.563 | ng/ul  | 89       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.169 | 232  | 313318   | 23.036 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.369 | 149  | 1326500  | 21.454 | ng/ul  | 98       |
| 61) Fluorene                  | 15.598 | 166  | 1256571  | 20.737 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 659219   | 20.863 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 232448   | 20.150 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.669 | 198  | 175453   | 18.796 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.804 | 169  | 1058540  | 20.637 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.487 | 248  | 409621   | 21.721 | ng/ul  | 93       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 469297   | 21.296 | ng/ul  | 94       |
| 70) Atrazine                  | 16.757 | 200  | 395294   | 21.247 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.945 | 266  | 236446   | 19.125 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.339 | 178  | 1992501  | 20.856 | ng/ul  | 98       |
| 74) Anthracene                | 17.428 | 178  | 2042390  | 20.940 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.346 | 216  | 546421   | 19.740 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.869 | 250  | 544200   | 20.197 | ng/uL  | 99       |
| 77) Carbazole                 | 17.698 | 167  | 1691474  | 19.725 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.269 | 149  | 2150830  | 22.059 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.357 | 202  | 2325652  | 21.120 | ng/ul  | 98       |
| 82) Pyrene                    | 19.716 | 202  | 2347487  | 20.483 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.622 | 149  | 946776   | 24.566 | ng/ul  | 91       |
| 84) 3,3'-Dichlorobenzidine    | 21.398 | 252  | 632598   | 18.283 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.469 | 228  | 2223072  | 20.448 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 1434093  | 23.463 | ng/ul  | 98       |
| 87) Chrysene                  | 21.522 | 228  | 2134804  | 20.282 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.333 | 149  | 2305156  | 21.901 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.169 | 252  | 2263192  | 20.700 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.216 | 252  | 2098366  | 19.277 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.798 | 252  | 2050702  | 20.721 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.427 | 276  | 2508560  | 20.442 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.439 | 278  | 2101231  | 20.741 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.192 | 276  | 2072085  | 20.422 | ng/ul  | 99       |

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