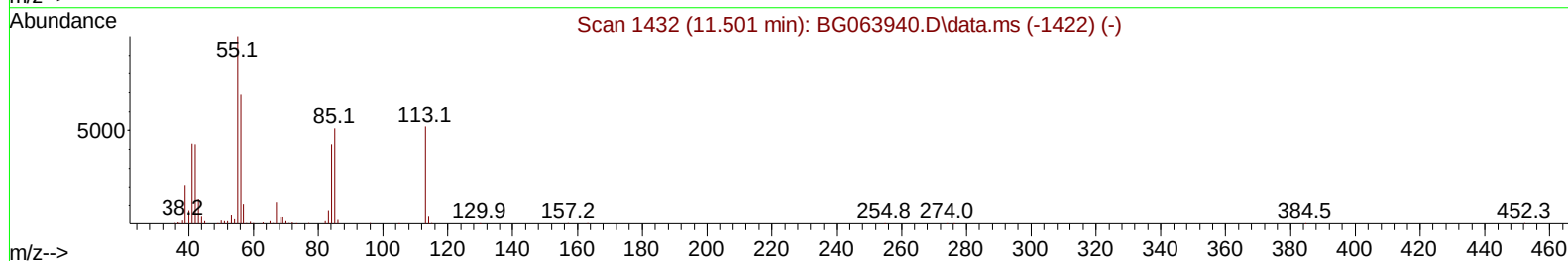
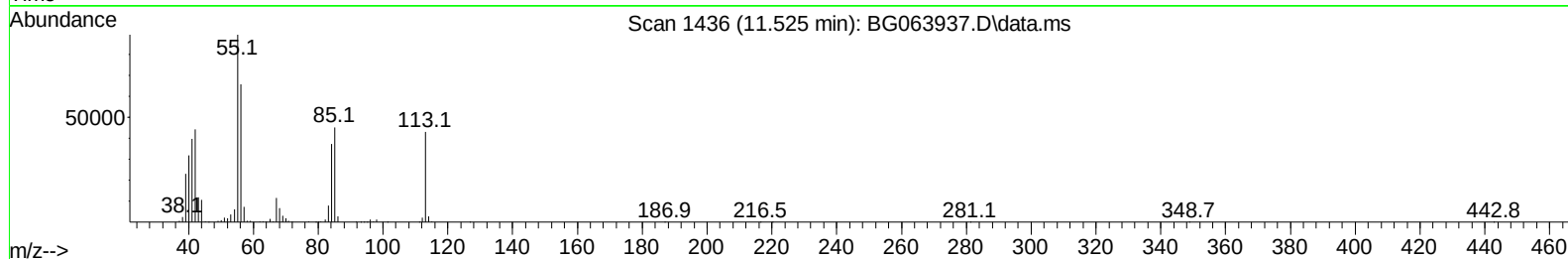
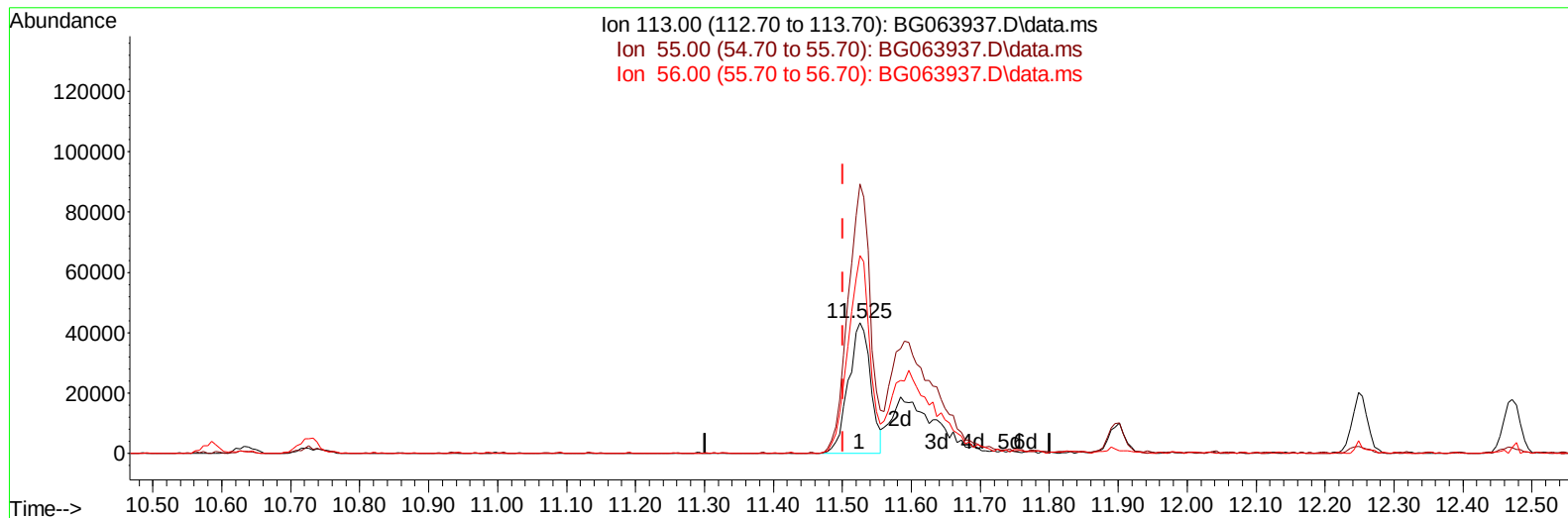


Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010625\  
Data File : BG063937.D  
Acq On : 6 Jan 2025 13:12  
Operator : RC/JU  
Sample : SSTD08098  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 16:29:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010625.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 06 16:14:22 2025  
Response via : Initial Calibration



TIC: BG063937.D\data.ms

**(34) Caprolactam**

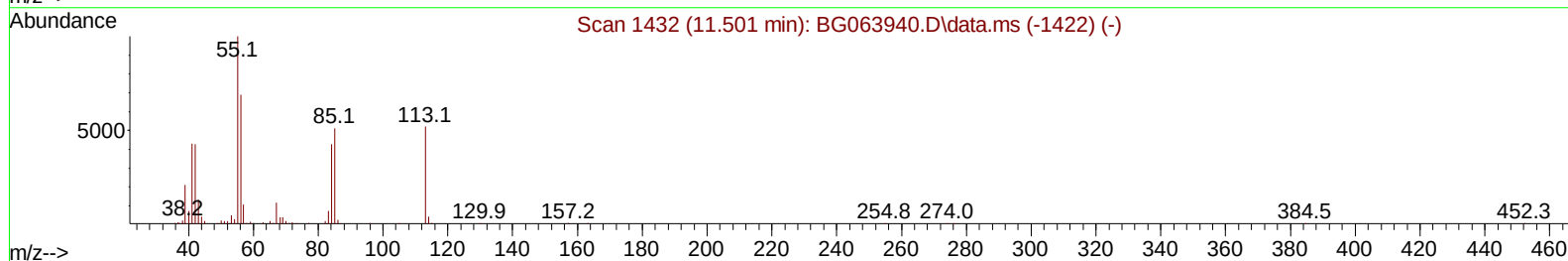
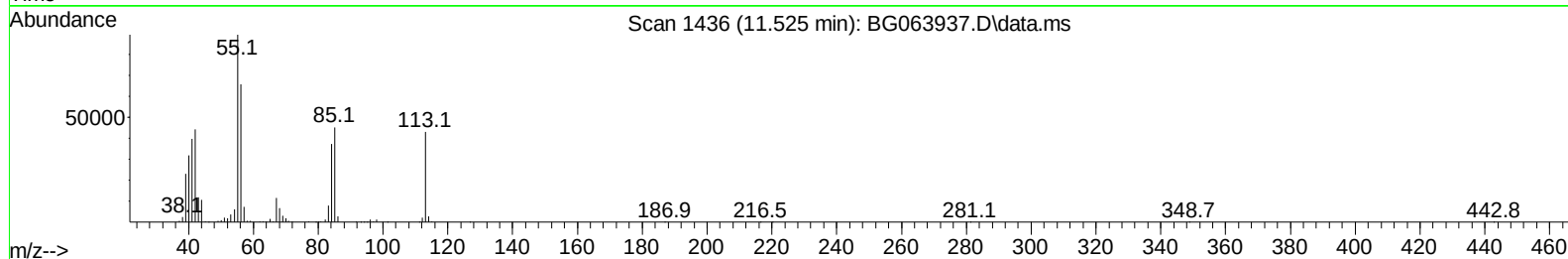
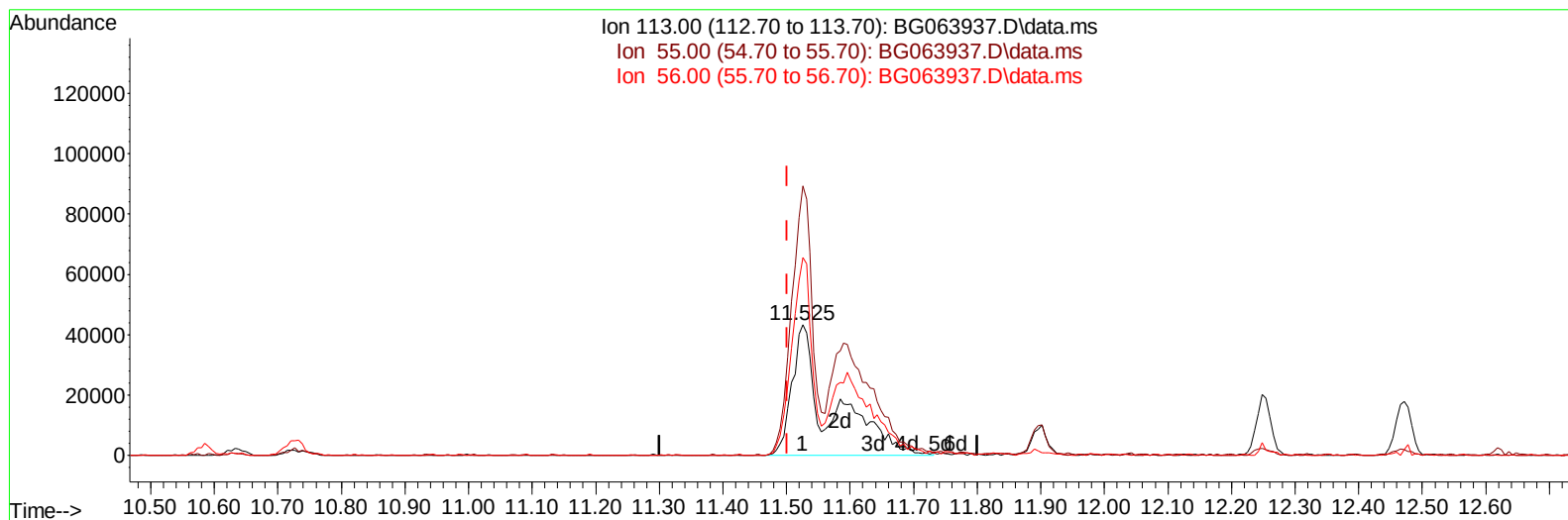
**11.525min (+ 0.024) 41.96 ng/ul**

**response 96022**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 191.80 | 206.80 |
| 56.00  | 132.60 | 152.03 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010625\  
Data File : BG063937.D  
Acq On : 6 Jan 2025 13:12  
Operator : RC/JU  
Sample : SSTD08098  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 16:29:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010625.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 06 16:14:22 2025  
Response via : Initial Calibration



TIC: BG063937.D\data.ms

**(34) Caprolactam**

**11.525min (+ 0.024) 78.38 ng/ul m**

**response 179360**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 191.80 | 206.80 |
| 56.00  | 132.60 | 152.03 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010625\  
 Data File : BG063937.D  
 Acq On : 6 Jan 2025 13:12  
 Operator : RC/JU  
 Sample : SSTD08098  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 16:30:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010625.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 16:14:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.794  | 152  | 105338   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.585 | 136  | 401086   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.440 | 164  | 273245   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.195 | 188  | 620378   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.461 | 240  | 685539   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.487 | 264  | 723039   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.259  | 96   | 101539   | 32.677 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.664  | 84   | 755306   | 79.782 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.984  | 99   | 745788   | 79.736 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.131  | 67   | 529561   | 80.036 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.336  | 132  | 487435   | 79.356 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.523  | 113  | 559022   | 79.730 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 254592   | 83.622 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 281009   | 86.055 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.221 | 165  | 542261   | 82.787 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.726 | 131  | 662561   | 79.999 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.852 | 166  | 1514684  | 77.396 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.134 | 160  | 1810066  | 78.040 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.681 | 143  | 233935   | 87.849 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.444 | 176  | 1348623  | 77.213 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.585 | 200  | 288224   | 88.701 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.301 | 188  | 2254849  | 75.029 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 2753122  | 78.108 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.287 | 264  | 3004516  | 81.994 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.294  | 88   | 105816   | 29.895 | ng/uL  | 94       |
| 5) Pyridine                   | 3.688  | 79   | 788700   | 79.876 | ng/ul  | 93       |
| 6) Benzaldehyde               | 6.937  | 77   | 367692   | 64.969 | ng/ul  | 95       |
| 8) Phenol                     | 7.013  | 94   | 791362   | 79.468 | ng/ul  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.225  | 93   | 624688   | 78.205 | ng/ul  | 92       |
| 12) 2-Chlorophenol            | 7.366  | 128  | 503419   | 79.450 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.253  | 108  | 567864   | 81.184 | ng/ul  | 94       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.312  | 45   | 896723   | 77.954 | ng/ul  | 99       |
| 16) Acetophenone              | 8.617  | 105  | 942542   | 77.739 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.611  | 70   | 549127   | 78.794 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.582  | 108  | 608369   | 79.938 | ng/ul  | 95       |
| 19) Hexachloroethane          | 8.864  | 117  | 223833   | 75.266 | ng/ul  | 98       |
| 22) Nitrobenzene              | 8.999  | 77   | 839034   | 81.014 | ng/ul  | 97       |
| 23) Isophorone                | 9.522  | 82   | 1490268  | 80.114 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 287700   | 87.413 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.774  | 107  | 609721   | 82.166 | ng/ul  | 93       |
| 27) Bis(2-Chloroethoxy)met... | 9.998  | 93   | 841275   | 79.961 | ng/ul  | 95       |
| 29) 2,4-Dichlorophenol        | 10.245 | 162  | 525864   | 81.503 | ng/ul  | 96       |
| 30) Naphthalene               | 10.632 | 128  | 1651350  | 78.347 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.750 | 127  | 637955   | 81.118 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.920 | 225  | 418169   | 78.493 | ng/ul  | 97       |
| 34) Caprolactam               | 11.525 | 113  | 179360m  | 78.380 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.901 | 107  | 552210   | 81.349 | ng/ul# | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010625\  
 Data File : BG063937.D  
 Acq On : 6 Jan 2025 13:12  
 Operator : RC/JU  
 Sample : SST008098  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 16:30:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010625.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 16:14:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.248 | 142  | 1136705  | 76.753 | ng/ul | 98       |
| 37) 1-Methylnaphthalene       | 12.471 | 142  | 1125277  | 76.561 | ng/ul | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.630 | 216  | 761445   | 79.651 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.601 | 237  | 300284   | 83.402 | ng/ul | 91       |
| 41) 2,4,6-Trichlorophenol     | 12.877 | 196  | 441106   | 86.634 | ng/ul | 92       |
| 42) 2,4,5-Trichlorophenol     | 12.959 | 196  | 447600   | 86.391 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.270 | 154  | 1521315  | 77.367 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.312 | 162  | 1246705  | 78.448 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.523 | 65   | 433473   | 87.385 | ng/ul | 92       |
| 47) Dimethylphthalate         | 13.899 | 163  | 1521352  | 77.323 | ng/ul | 98       |
| 48) 2,6-Dinitrotoluene        | 14.028 | 165  | 321976   | 85.895 | ng/ul | 93       |
| 50) Acenaphthylene            | 14.163 | 152  | 1879783  | 77.122 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.357 | 138  | 261578   | 77.591 | ng/ul | 92       |
| 52) Acenaphthene              | 14.504 | 153  | 1325766  | 77.095 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.575 | 184  | 157908   | 84.016 | ng/ul | 92       |
| 55) 4-Nitrophenol             | 14.698 | 109  | 209591   | 87.273 | ng/ul | 93       |
| 56) Dibenzofuran              | 14.845 | 168  | 1865423  | 74.893 | ng/ul | 94       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 462206   | 82.562 | ng/ul | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.080 | 232  | 390155   | 91.177 | ng/ul | 92       |
| 59) Diethylphthalate          | 15.268 | 149  | 1430545  | 76.031 | ng/ul | 98       |
| 61) Fluorene                  | 15.497 | 166  | 1415856  | 73.295 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.485 | 204  | 796173   | 75.337 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.532 | 138  | 255182   | 77.300 | ng/ul | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 291310   | 87.078 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.709 | 169  | 1270278  | 78.136 | ng/ul | 97       |
| 68) 4-Bromophenyl-phenylether | 16.384 | 248  | 538240   | 78.435 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.508 | 284  | 596061   | 77.135 | ng/ul | 96       |
| 70) Atrazine                  | 16.666 | 200  | 574987   | 78.273 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.860 | 266  | 238656   | 89.654 | ng/ul | 90       |
| 72) Phenanthrene              | 17.242 | 178  | 2510194  | 73.400 | ng/ul | 96       |
| 74) Anthracene                | 17.336 | 178  | 2540599  | 73.563 | ng/ul | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.235 | 216  | 764388   | 81.133 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.769 | 250  | 749551   | 78.359 | ng/ul | 99       |
| 77) Carbazole                 | 17.607 | 167  | 2209942  | 76.730 | ng/ul | 95       |
| 78) Di-n-butylphthalate       | 18.165 | 149  | 2510087  | 77.704 | ng/ul | 98       |
| 80) Fluoranthene              | 19.263 | 202  | 3091327  | 77.066 | ng/ul | 98       |
| 82) Pyrene                    | 19.634 | 202  | 3228910  | 74.439 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.527 | 149  | 1041062  | 89.181 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.361 | 252  | 952984   | 81.730 | ng/ul | 94       |
| 85) Benzo(a)anthracene        | 21.443 | 228  | 3368893  | 75.386 | ng/ul | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.349 | 149  | 1564117  | 84.226 | ng/ul | 100      |
| 87) Chrysene                  | 21.502 | 228  | 3217284  | 74.563 | ng/ul | 93       |
| 89) Di-n-octyl phthalate      | 22.489 | 149  | 2870297  | 84.219 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.535 | 252  | 3516812  | 80.370 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.599 | 252  | 3566283  | 78.087 | ng/ul | 96       |
| 93) Benzo(a)pyrene            | 24.357 | 252  | 3365496  | 80.600 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.924 | 276  | 4186777  | 83.422 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 27.977 | 278  | 3370967  | 84.263 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 28.993 | 276  | 3257479  | 82.190 | ng/ul | 99       |

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



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QLast Update : Mon Jan 06 16:14:22 2025  
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