

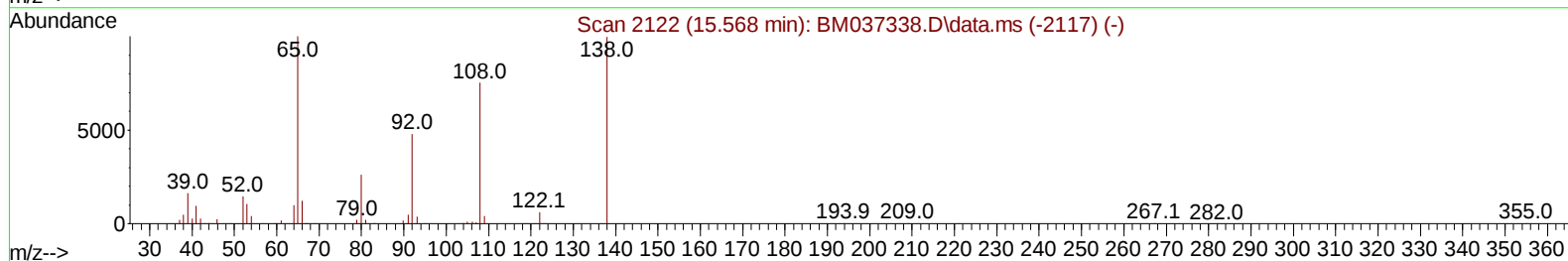
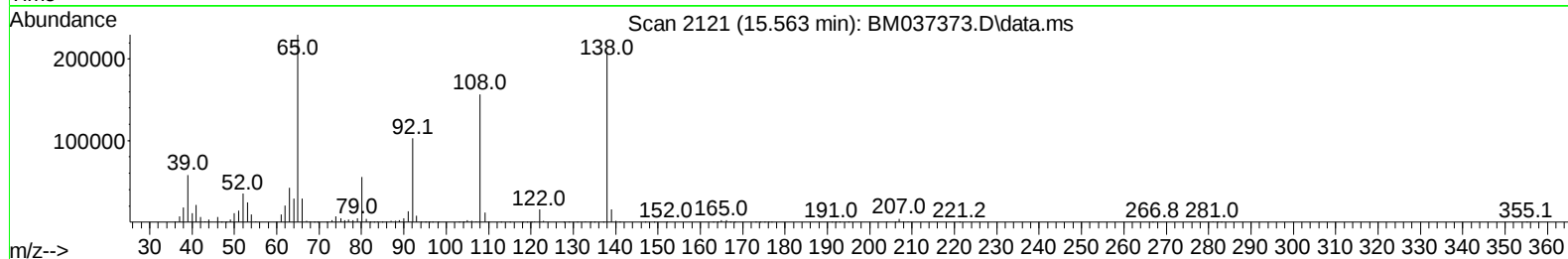
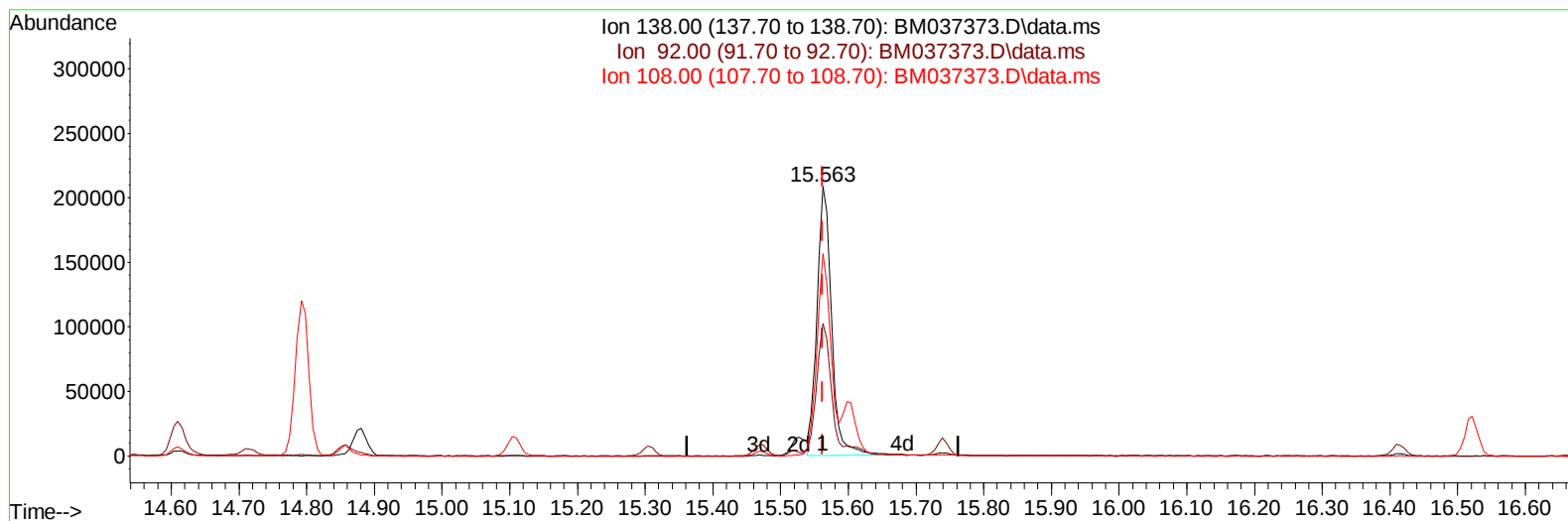
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110322\  
Data File : BM037373.D  
Acq On : 04 Nov 2022 08:00  
Operator : CG/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Nov 04 08:32:35 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 04 02:39:09 2022  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 11/04/2022  
Supervised By :Jagrut Upadhyay 11/07/2022



TIC: BM037373.D\data.ms

**(63) 4-Nitroaniline**

**15.563min (+ 0.000) 20.81 ng/ul**

**response 315227**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 48.10  | 49.13  |
| 108.00 | 71.20  | 75.15  |
| 0.00   | 0.00   | 0.00   |

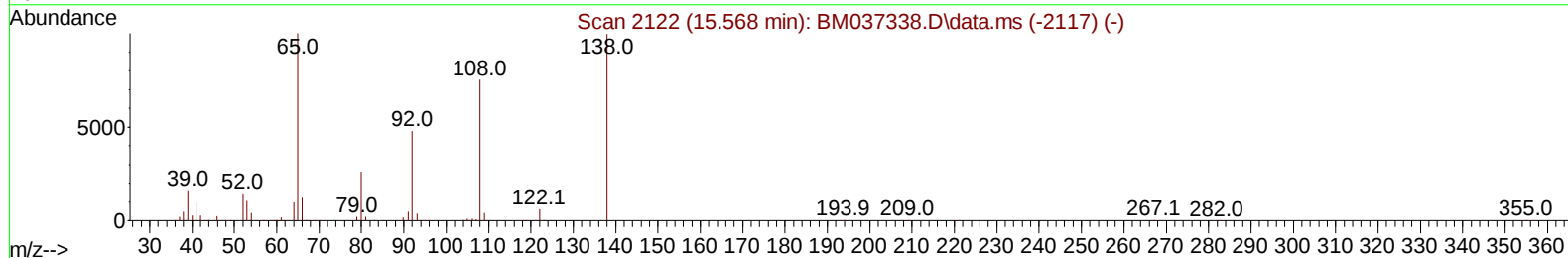
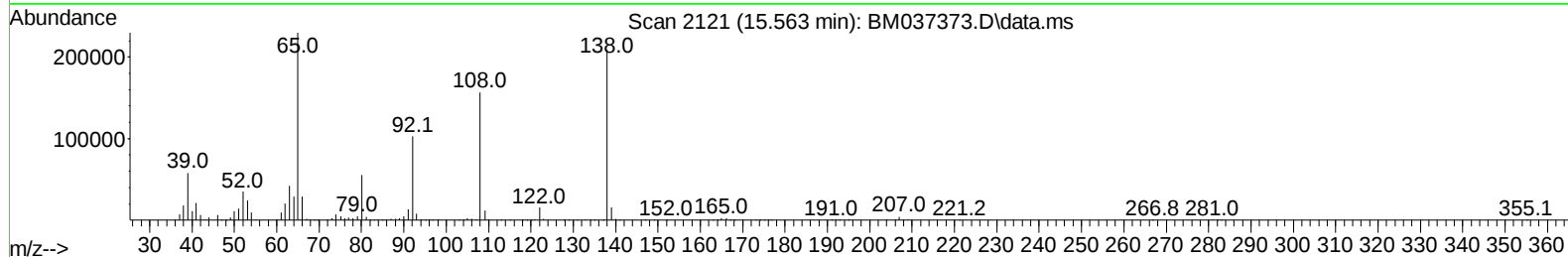
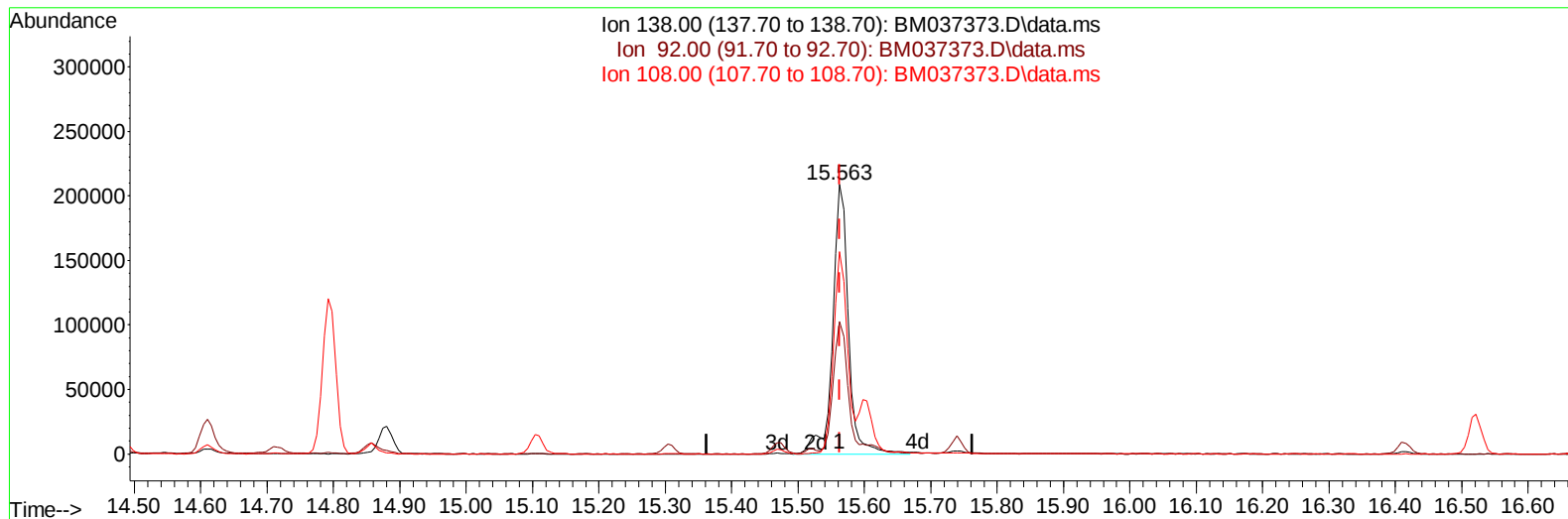
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TIC: BM037373.D\data.ms

**(63) 4-Nitroaniline**

**15.563min (+ 0.000) 22.53 ng/ul m**

**response 341375**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 48.10  | 49.13  |
| 108.00 | 71.20  | 75.15  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110322\  
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 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:39:09 2022  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 11/04/2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 382062   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.645 | 136  | 1694929  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.480 | 164  | 1047098  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 2056934  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.392 | 240  | 1744158  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.739 | 264  | 1426871  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 73350    | 8.463  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.693  | 84   | 532658   | 20.588 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.022  | 99   | 658083   | 19.792 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 411437   | 20.165 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 533145   | 20.986 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 531526   | 19.576 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 276069   | 21.805 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.734  | 143  | 293705   | 21.296 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 548971   | 21.591 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.792 | 131  | 773430   | 19.905 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.898 | 166  | 1478598  | 20.423 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.175 | 160  | 1869477  | 21.478 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.698 | 143  | 269899   | 18.650 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.469 | 176  | 1358770  | 21.046 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200  | 235877   | 18.105 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.321 | 188  | 2021828  | 21.343 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.609 | 212  | 2111891  | 23.171 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.586 | 264  | 1548371  | 21.081 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 77068    | 8.464  | ng/uL  | 99       |
| 5) Pyridine                   | 3.710  | 79   | 533928   | 20.604 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.993  | 77   | 402667   | 26.177 | ng/ul  | 96       |
| 8) Phenol                     | 7.046  | 94   | 689907   | 19.721 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.275  | 93   | 562400   | 20.039 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.410  | 128  | 579148   | 21.068 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.298  | 108  | 528351   | 19.796 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 808715   | 20.288 | ng/ul  | 99       |
| 16) Acetophenone              | 8.681  | 105  | 880747   | 20.227 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.663  | 70   | 449976   | 20.804 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.628  | 108  | 588283   | 20.009 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.916  | 117  | 241115   | 22.101 | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.057  | 77   | 666815   | 21.821 | ng/ul  | 98       |
| 23) Isophorone                | 9.587  | 82   | 1211544  | 20.556 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.769  | 139  | 336516   | 21.349 | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.828  | 107  | 635998   | 21.458 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.069 | 93   | 769436   | 20.998 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.298 | 162  | 564021   | 21.555 | ng/ul  | 100      |
| 30) Naphthalene               | 10.698 | 128  | 1925941  | 21.298 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.816 | 127  | 806872   | 20.040 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.969 | 225  | 346135   | 21.480 | ng/ul  | 99       |
| 34) Caprolactam               | 11.610 | 113  | 158564   | 18.415 | ng/ul  | 93       |
| 35) 4-Chloro-3-methylphenol   | 11.945 | 107  | 563320   | 20.755 | ng/ul  | 99       |

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 Response via : Initial Calibration

Reviewed By :Christian Giraldo 11/04/2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.304 | 142  | 1301962  | 20.848 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.528 | 142  | 1321922  | 21.036 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.675 | 216  | 678759   | 21.598 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.645 | 237  | 343289   | 19.539 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.922 | 196  | 439706   | 21.674 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.992 | 196  | 469410   | 21.489 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.316 | 154  | 1705817  | 21.919 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.357 | 162  | 1359294  | 21.736 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.575 | 65   | 371181   | 22.510 | ng/ul | 96       |
| 47) Dimethylphthalate         | 13.945 | 163  | 1596983  | 20.708 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.075 | 165  | 326976   | 21.654 | ng/ul | 99       |
| 50) Acenaphthylene            | 14.204 | 152  | 2050424  | 21.553 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.404 | 138  | 347714   | 21.339 | ng/ul | 97       |
| 52) Acenaphthene              | 14.545 | 153  | 1458129  | 21.540 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.610 | 184  | 158675   | 15.649 | ng/ul | 95       |
| 55) 4-Nitrophenol             | 14.716 | 109  | 205229   | 19.286 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.880 | 168  | 1931663  | 21.133 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.857 | 165  | 459787   | 20.782 | ng/ul | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 396387   | 20.843 | ng/ul | 95       |
| 59) Diethylphthalate          | 15.304 | 149  | 1565653  | 20.383 | ng/ul | 99       |
| 61) Fluorene                  | 15.527 | 166  | 1648955  | 21.327 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.521 | 204  | 801553   | 21.096 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.563 | 138  | 341375m  | 22.534 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.616 | 198  | 254972   | 18.423 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.739 | 169  | 1344888  | 22.057 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.416 | 248  | 468246   | 21.398 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.521 | 284  | 570592   | 21.366 | ng/ul | 99       |
| 70) Atrazine                  | 16.692 | 200  | 439438   | 20.358 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.874 | 266  | 303272   | 18.557 | ng/ul | 96       |
| 72) Phenanthrene              | 17.263 | 178  | 2461234  | 21.400 | ng/ul | 100      |
| 74) Anthracene                | 17.357 | 178  | 2493316  | 21.546 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.280 | 216  | 673045   | 22.580 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.798 | 250  | 716699   | 22.098 | ng/uL | 99       |
| 77) Carbazole                 | 17.633 | 167  | 2174159  | 20.826 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.192 | 149  | 2567771  | 21.349 | ng/ul | 100      |
| 80) Fluoranthene              | 19.274 | 202  | 2651579  | 23.642 | ng/ul | 100      |
| 82) Pyrene                    | 19.639 | 202  | 2787092  | 23.589 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.533 | 149  | 1032080  | 22.490 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.315 | 252  | 777469   | 19.234 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.380 | 228  | 2432698  | 21.733 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149  | 1379114  | 21.553 | ng/ul | 100      |
| 87) Chrysene                  | 21.433 | 228  | 2242395  | 21.291 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.209 | 149  | 2037663  | 19.628 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.021 | 252  | 2052869  | 20.681 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.074 | 252  | 2076262  | 21.364 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.633 | 252  | 1773573  | 21.364 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.162 | 276  | 2068015  | 23.276 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.174 | 278  | 1858311  | 23.259 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.903 | 276  | 1809063  | 23.765 | ng/ul | 99       |

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

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