Quantitation Report (Qedit)

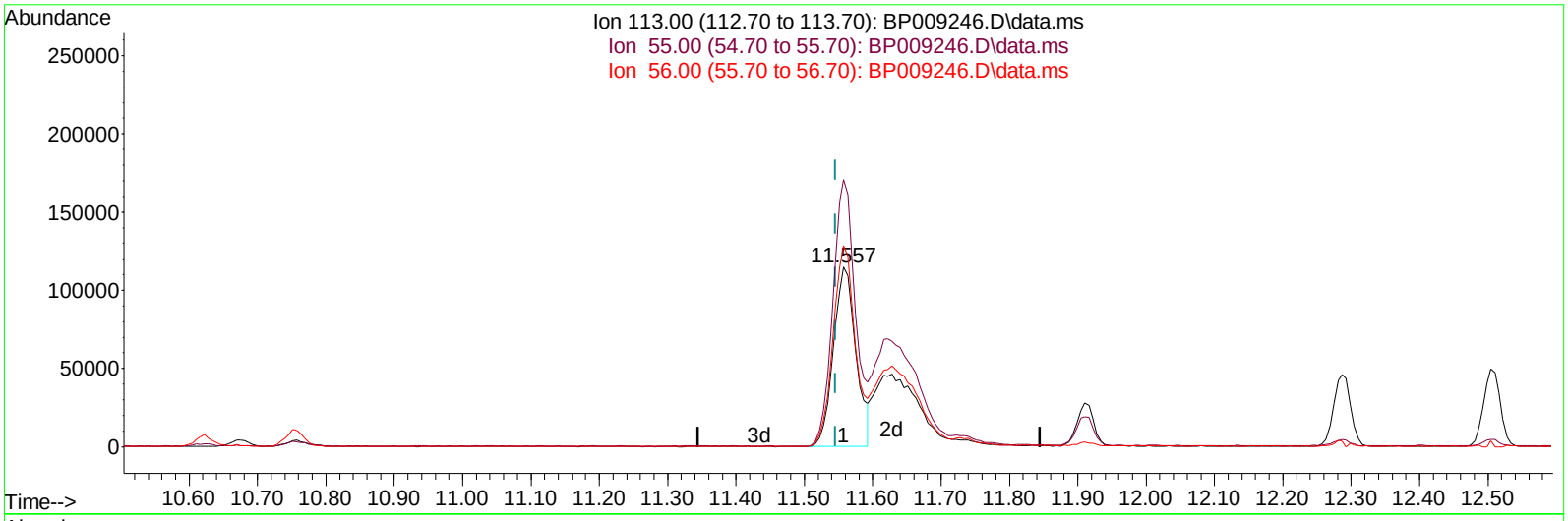
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030222\
Data File : BP009246.D
Acq On : 02 Mar 2022 11:44
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

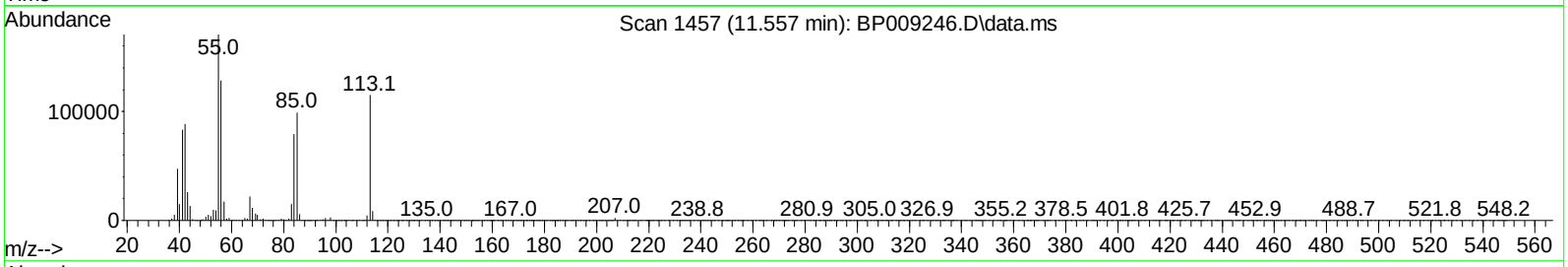
Quant Time: Mar 02 17:35:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 02 17:32:26 2022
Response via : Initial Calibration

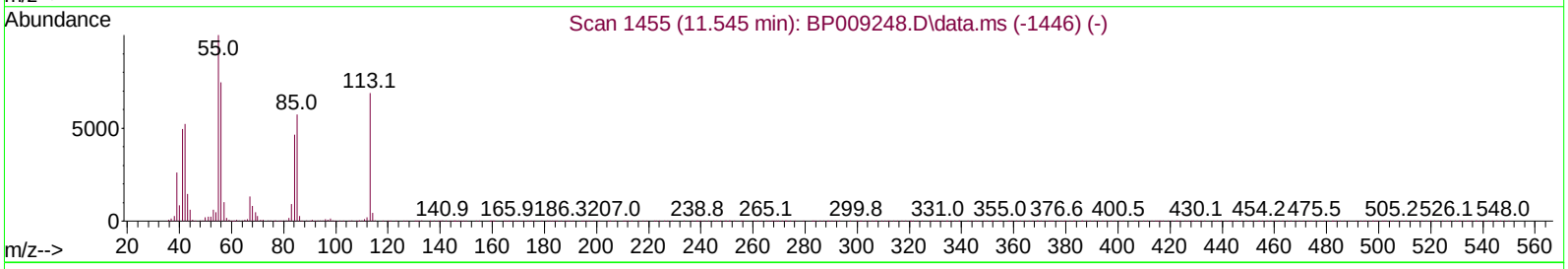
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080612

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/03/2022
Supervised By :mohammad ahmed 03/07/2022




TIC: BP009246.D\data.ms

**(34) Caprolactam**

**11.557min (+ 0.012) 51.15 ng/ul**

**response 262420**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 72.70 | 148.47# |
| 56.00 | 85.80 | 111.86# |
| 0.00 | 0.00 | 0.00 |

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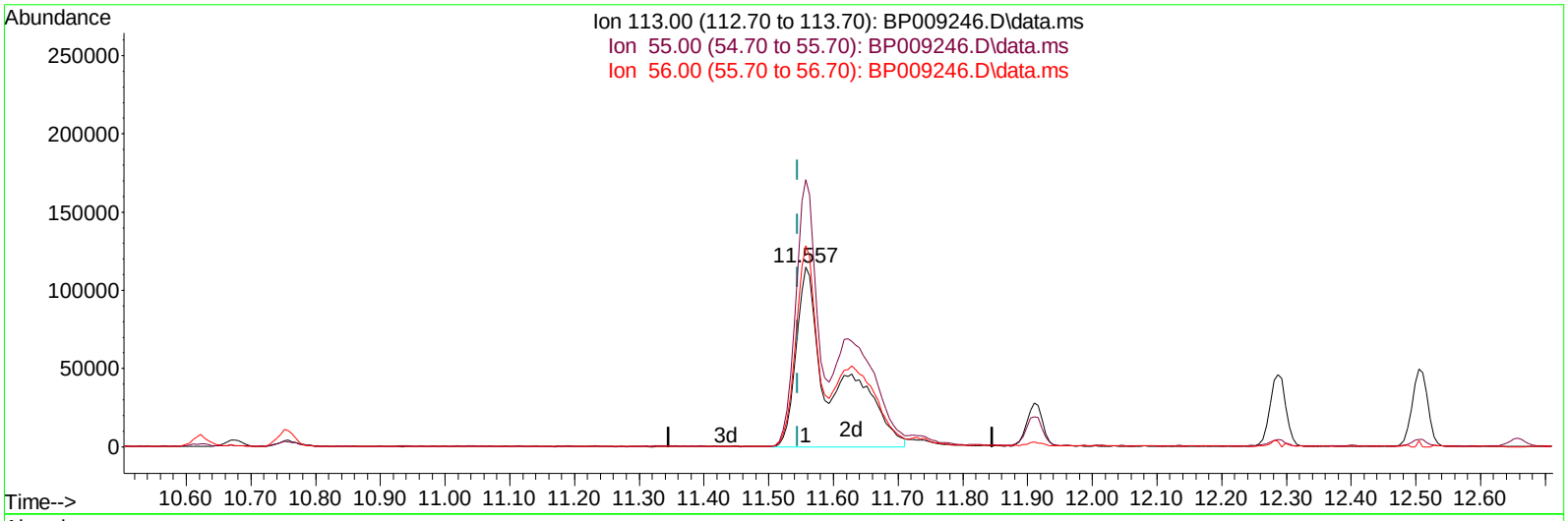


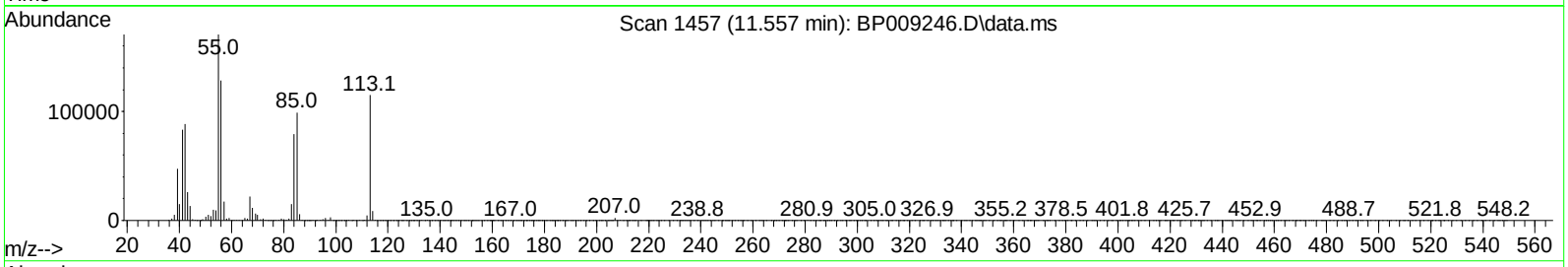


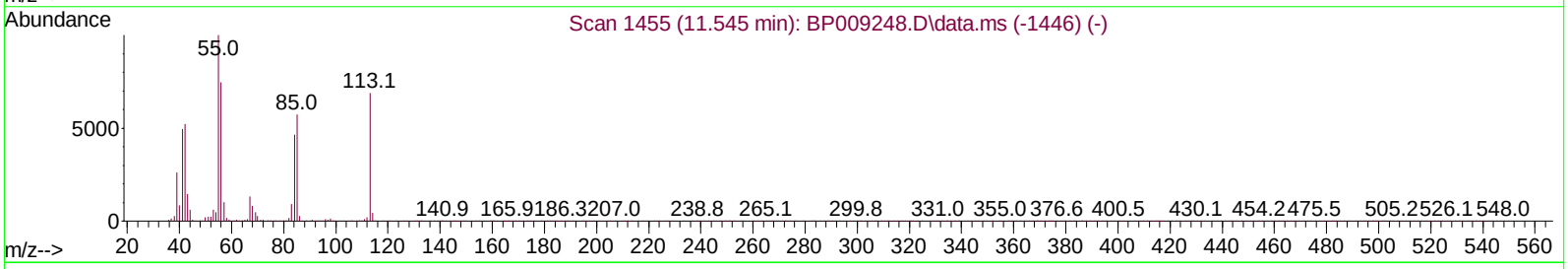


TIC: BP009246.D\data.ms

**(34) Caprolactam**

**11.557min (+ 0.012) 90.86 ng/ul m**

**response 466175**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 72.70 | 148.47# |
| 56.00 | 85.80 | 111.86# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/03/2022
Supervised By :mohammad ahmed 03/07/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 314135 | 20.000 | ng/ul | # 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 1228701 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.469 | 164 | 706772 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 1473430 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.333 | 240 | 1432354 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.745 | 264 | 1554740 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.317 | 96 | 240515 | 31.372 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.717 | 84 | 1571940 | 80.767 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.993 | 99 | 2059195 | 81.041 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.164 | 67 | 1216782 | 79.477 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.364 | 132 | 1650633 | 82.896 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.540 | 113 | 1588558 | 81.421 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.981 | 128 | 695574 | 99.887 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.705 | 143 | 733108 | 112.306 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.240 | 165 | 1564445 | 86.846 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.757 | 131 | 2050309 | 80.211 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.881 | 166 | 4200794 | 84.867 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.157 | 160 | 5347279 | 81.527 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.663 | 143 | 755775 | 100.168 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.463 | 176 | 3500434 | 81.526 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 568231 | 99.304 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.328 | 188 | 5328047 | 77.031 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.569 | 212 | 6367455 | 80.410 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.592 | 264 | 6793043 | 86.219 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 243109 | 31.255 | ng/uL# | 49 |
| 5) Pyridine | 3.740 | 79 | 1638690 | 79.698 | ng/ul# | 77 |
| 6) Benzaldehyde | 6.964 | 77 | 1205934 | 80.136 | ng/ul | 98 |
| 8) Phenol | 7.022 | 94 | 2046138 | 79.936 | ng/ul | 90 |
| 10) Bis(2-Chloroethyl)ether | 7.252 | 93 | 1626784 | 79.311 | ng/ul# | 85 |
| 12) 2-Chlorophenol | 7.393 | 128 | 1640192 | 81.516 | ng/ul# | 88 |
| 13) 2-Methylphenol | 8.269 | 108 | 1561412 | 81.140 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.363 | 45 | 1954999 | 78.989 | ng/ul# | 91 |
| 16) Acetophenone | 8.646 | 105 | 2324875 | 77.466 | ng/ul# | 86 |
| 17) N-Nitroso-di-n-propyla... | 8.652 | 70 | 1176275 | 78.577 | ng/ul# | 85 |
| 18) 4-Methylphenol | 8.605 | 108 | 1615631 | 80.021 | ng/ul | 96 |
| 19) Hexachloroethane | 8.910 | 117 | 676921 | 82.189 | ng/ul# | 82 |
| 22) Nitrobenzene | 9.022 | 77 | 1719190 | 93.562 | ng/ul# | 87 |
| 23) Isophorone | 9.557 | 82 | 3419732 | 82.263 | ng/ul# | 95 |
| 25) 2-Nitrophenol | 9.734 | 139 | 829602 | 107.309 | ng/ul# | 75 |
| 26) 2,4-Dimethylphenol | 9.805 | 107 | 1755810 | 81.824 | ng/ul# | 72 |
| 27) Bis(2-Chloroethoxy)met... | 10.040 | 93 | 2085195 | 82.348 | ng/ul# | 97 |
| 29) 2,4-Dichlorophenol | 10.269 | 162 | 1480409 | 83.294 | ng/ul# | 81 |
| 30) Naphthalene | 10.675 | 128 | 4887139 | 78.344 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.781 | 127 | 2005601 | 79.482 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.969 | 225 | 1033799 | 80.124 | ng/ul | 96 |
| 34) Caprolactam | 11.557 | 113 | 466175m | 90.861 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.910 | 107 | 1571398 | 87.443 | ng/ul# | 64 |

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ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
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Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.287 | 142 | 3323036 | 79.275 | ng/ul | 90 |
| 37) 1-Methylnaphthalene | 12.504 | 142 | 3292048 | 78.609 | ng/ul# | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.657 | 216 | 1810120 | 80.459 | ng/ul | 93 |
| 40) Hexachlorocyclopentadiene | 12.646 | 237 | 1186874 | 84.745 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.899 | 196 | 1179634 | 90.751 | ng/ul# | 83 |
| 42) 2,4,5-Trichlorophenol | 12.963 | 196 | 1246703 | 90.641 | ng/ul# | 87 |
| 43) 1,1'-Biphenyl | 13.304 | 154 | 4238331 | 78.368 | ng/ul# | 93 |
| 44) 2-Chloronaphthalene | 13.340 | 162 | 3206721 | 77.996 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.540 | 65 | 820785 | 118.021 | ng/ul# | 83 |
| 47) Dimethylphthalate | 13.928 | 163 | 4003039 | 83.770 | ng/ul# | 92 |
| 48) 2,6-Dinitrotoluene | 14.040 | 165 | 762053 | 119.996 | ng/ul | 94 |
| 50) Acenaphthylene | 14.187 | 152 | 5091424 | 78.542 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.369 | 138 | 804523 | 100.539 | ng/ul# | 78 |
| 52) Acenaphthene | 14.534 | 153 | 3336464 | 79.130 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.569 | 184 | 350222 | 103.678 | ng/ul# | 81 |
| 55) 4-Nitrophenol | 14.681 | 109 | 579274 | 96.023 | ng/ul# | 43 |
| 56) Dibenzofuran | 14.869 | 168 | 4686363 | 78.683 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.828 | 165 | 1098351 | 121.740 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.093 | 232 | 1029670 | 96.729 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.304 | 149 | 4041072 | 87.515 | ng/ul | 93 |
| 61) Fluorene | 15.522 | 166 | 3640777 | 78.194 | ng/ul | 91 |
| 62) 4-Chlorophenyl-phenyle... | 15.516 | 204 | 1867003 | 78.949 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.540 | 138 | 771937 | 100.111 | ng/ul# | 74 |
| 66) 4,6-Dinitro-2-methylph... | 15.598 | 198 | 597531 | 99.537 | ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 15.734 | 169 | 3248843 | 74.868 | ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.416 | 248 | 1228230 | 79.350 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.534 | 284 | 1411812 | 79.823 | ng/ul# | 89 |
| 70) Atrazine | 16.698 | 200 | 1296259 | 84.342 | ng/ul# | 90 |
| 71) Pentachlorophenol | 16.875 | 266 | 930129 | 89.865 | ng/ul# | 83 |
| 72) Phenanthrene | 17.269 | 178 | 6071798 | 77.417 | ng/ul | 97 |
| 74) Anthracene | 17.363 | 178 | 5948891 | 76.006 | ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.263 | 216 | 1889882 | 74.917 | ng/uL# | 86 |
| 76) Pentachlorobenzene | 14.793 | 250 | 1676046 | 74.848 | ng/uL | 91 |
| 77) Carbazole | 17.628 | 167 | 5572627 | 80.241 | ng/ul# | 95 |
| 78) Di-n-butylphthalate | 18.204 | 149 | 6829944 | 88.292 | ng/ul# | 93 |
| 80) Fluoranthene | 19.245 | 202 | 7332263 | 80.290 | ng/ul | 98 |
| 82) Pyrene | 19.598 | 202 | 7229192 | 77.575 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.486 | 149 | 3097143 | 104.241 | ng/ul# | 81 |
| 84) 3,3'-Dichlorobenzidine | 21.251 | 252 | 2663797 | 89.476 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.322 | 228 | 7321254 | 80.917 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.263 | 149 | 4486880 | 94.424 | ng/ul# | 81 |
| 87) Chrysene | 21.375 | 228 | 6976230 | 79.637 | ng/ul | 96 |
| 89) Di-n-octyl phthalate | 22.198 | 149 | 7899322 | 94.009 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.016 | 252 | 8355547 | 85.152 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.063 | 252 | 7312271 | 82.654 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.645 | 252 | 7829743 | 83.385 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.268 | 276 | 9468962 | 85.294 | ng/ul# | 91 |
| 95) Dibenzo(a,h)anthracene | 26.286 | 278 | 7948181 | 84.739 | ng/ul# | 93 |
| 96) Benzo(g,h,i)perylene | 27.039 | 276 | 8108789 | 85.084 | ng/ul# | 88 |

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

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