Quantitation Report (Qedit)

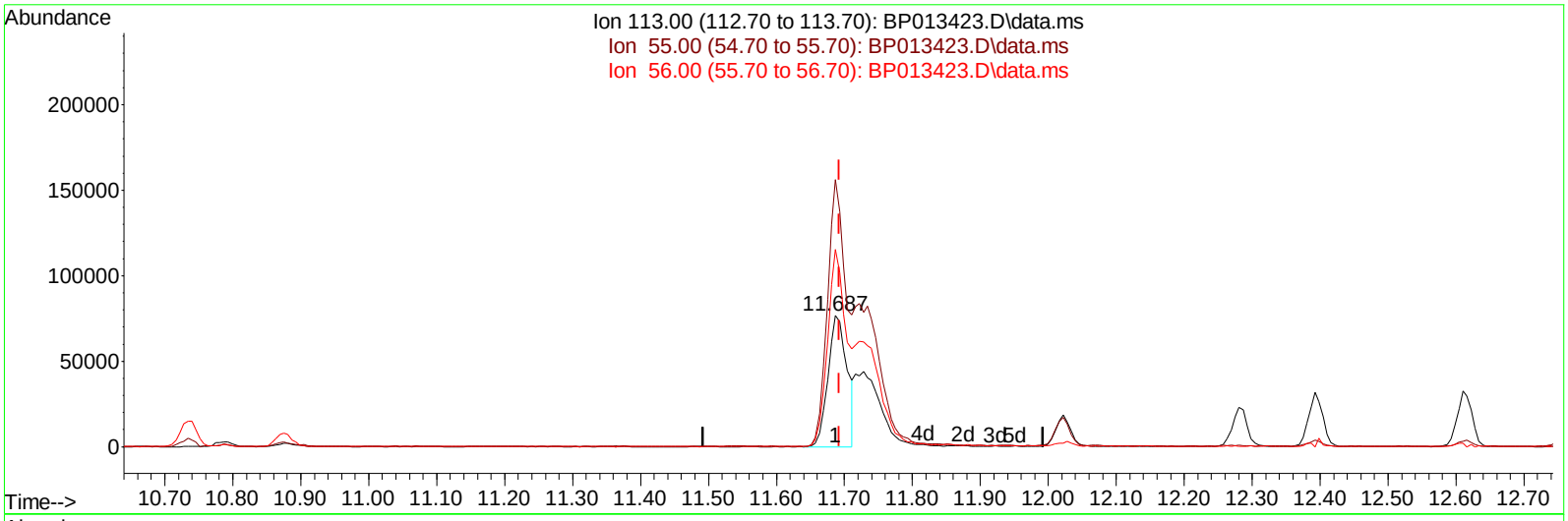
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013423.D
Acq On : 10 Jan 2023 12:25
Operator : CG/JU
Sample : PB150112BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

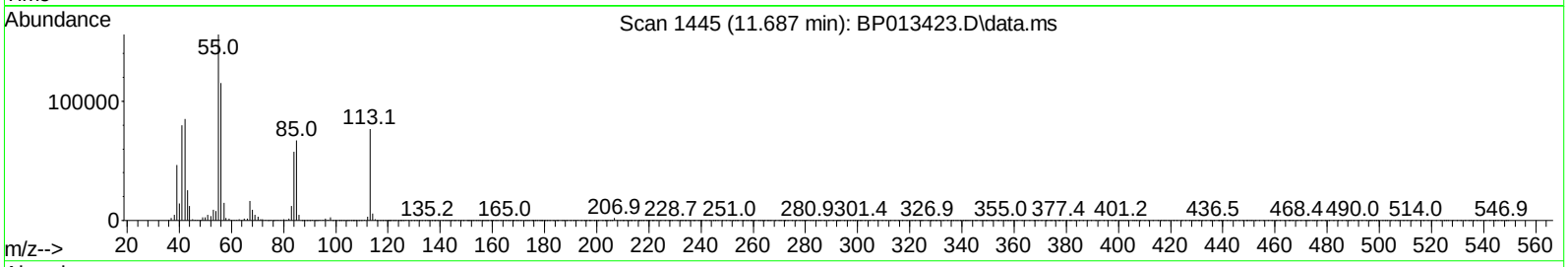
Quant Time: Jan 10 23:19:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

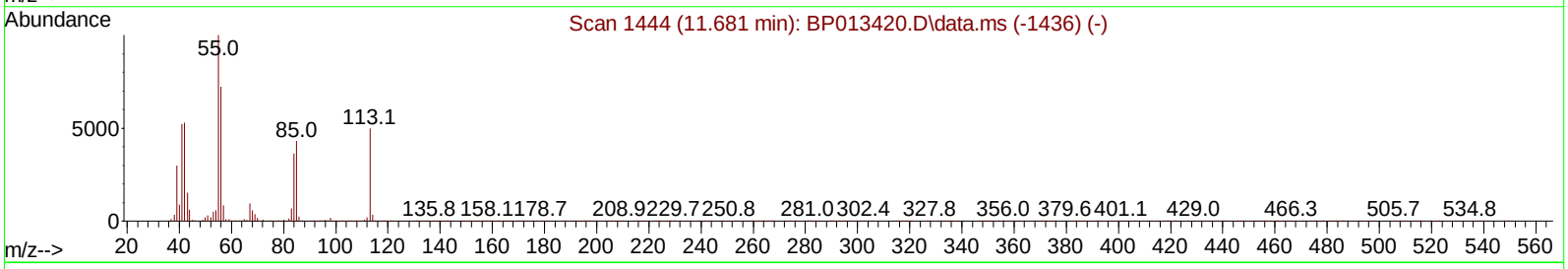
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS112

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023




TIC: BP013423.D\data.ms

**(34) Caprolactam**

**11.687min (-0.006) 15.78 ng/ul**

**response 148880**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 195.50 | 202.95 |
| 56.00 | 146.40 | 150.00 |
| 0.00 | 0.00 | 0.00 |

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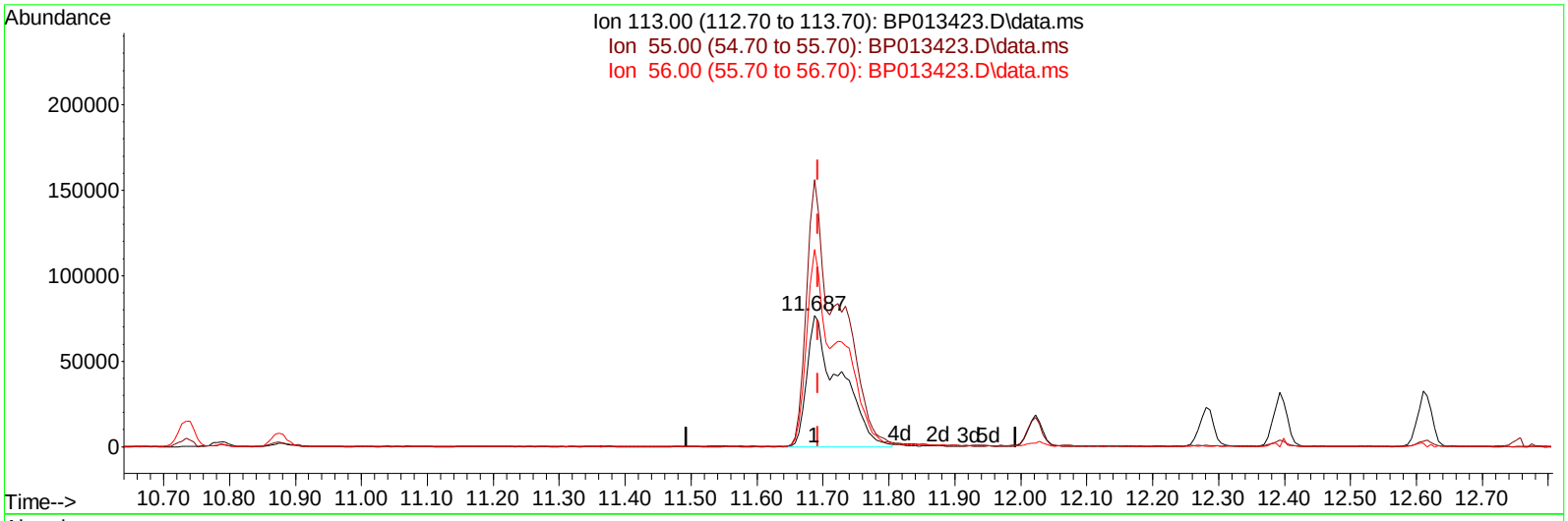


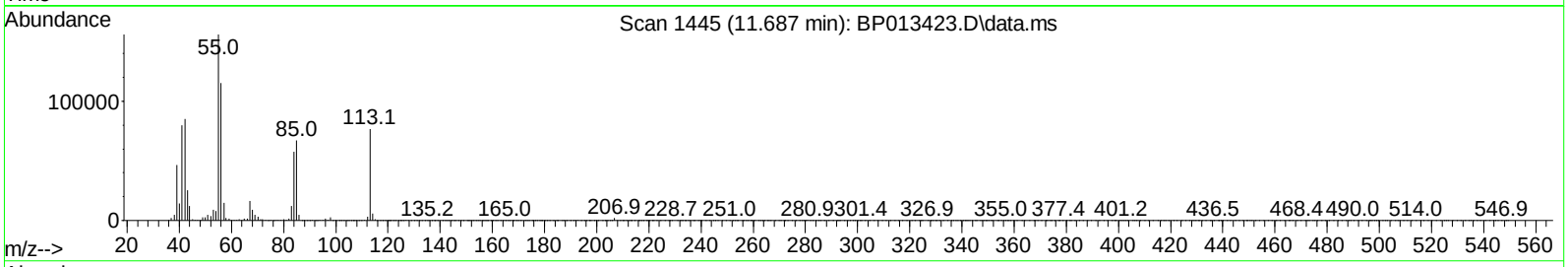


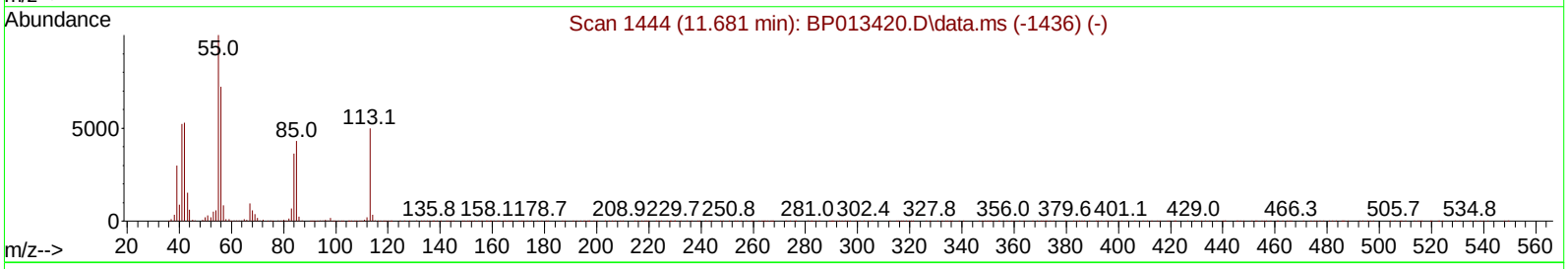


TIC: BP013423.D\data.ms

**(34) Caprolactam**

**11.687min (-0.006) 27.98 ng/ul m**

**response 264074**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 195.50 | 202.95 |
| 56.00 | 146.40 | 150.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Acq On : 10 Jan 2023 12:25
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Reviewed By :Jagrut Upadhyay 01/11/2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.922 | 152 | 486739 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.734 | 136 | 2041194 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.569 | 164 | 1322393 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.328 | 188 | 2992177 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.422 | 240 | 2968220 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.886 | 264 | 3241444 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.311 | 96 | 58824 | 4.698 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.734 | 84 | 842646 | 24.126 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.081 | 99 | 1064441 | 26.355 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.252 | 67 | 689529 | 27.061 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.452 | 132 | 840770 | 27.914 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.634 | 113 | 837139 | 27.206 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.093 | 128 | 400799 | 27.577 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.816 | 143 | 455021 | 28.600 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.352 | 165 | 879866 | 27.750 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 1039545 | 23.273 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.981 | 166 | 2674657 | 27.761 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.263 | 160 | 2952180 | 27.682 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.775 | 143 | 488872 | 27.722 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.563 | 176 | 2287831 | 26.884 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 200 | 513415 | 27.061 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.433 | 188 | 3634540 | 27.481 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.663 | 212 | 4406791 | 27.287 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.733 | 264 | 4392843 | 27.590 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 128420 | 9.312 | ng/uL | 99 |
| 5) Pyridine | 3.758 | 79 | 871505 | 24.676 | ng/ul | 98 |
| 6) Benzaldehyde | 7.058 | 77 | 625743 | 40.621 | ng/ul | 96 |
| 8) Phenol | 7.111 | 94 | 1137984 | 27.234 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.346 | 93 | 927391 | 28.068 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.481 | 128 | 892616 | 28.448 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.369 | 108 | 841483 | 28.042 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.457 | 45 | 1496181 | 29.345 | ng/ul | 99 |
| 16) Acetophenone | 8.752 | 105 | 1379025 | 28.396 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.734 | 70 | 716909 | 30.876 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.699 | 108 | 934208 | 28.323 | ng/ul | 100 |
| 19) Hexachloroethane | 9.005 | 117 | 361721 | 28.611 | ng/ul | 98 |
| 22) Nitrobenzene | 9.134 | 77 | 1041022 | 27.441 | ng/ul | 98 |
| 23) Isophorone | 9.663 | 82 | 1965129 | 29.600 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.846 | 139 | 505708 | 29.235 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.904 | 107 | 998417 | 27.667 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.146 | 93 | 1244538 | 28.367 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.381 | 162 | 896445 | 28.260 | ng/ul | 99 |
| 30) Naphthalene | 10.787 | 128 | 2876199 | 26.488 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.899 | 127 | 1078636 | 24.018 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.063 | 225 | 620069 | 27.221 | ng/ul | 99 |
| 34) Caprolactam | 11.687 | 113 | 264074m | 27.982 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.022 | 107 | 921666 | 30.105 | ng/ul | 99 |

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 10 23:19:40 2023
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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.393 | 142 | 1971330 | 28.387 ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.610 | 142 | 1973399 | 27.396 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.763 | 216 | 1181650 | 26.064 ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.734 | 237 | 681481 | 24.986 ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.004 | 196 | 772465 | 28.965 ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.075 | 196 | 834523 | 28.755 ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.404 | 154 | 2697962 | 26.873 ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.445 | 162 | 2128062 | 26.268 ng/ul | 100 |
| 45) 2-Nitroaniline | 13.657 | 65 | 602739 | 30.744 ng/ul | 95 |
| 47) Dimethylphthalate | 14.028 | 163 | 2761623 | 28.690 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.151 | 165 | 534420 | 32.061 ng/ul | 98 |
| 50) Acenaphthylene | 14.292 | 152 | 3282656 | 27.930 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.481 | 138 | 479274 | 27.146 ng/ul | 99 |
| 52) Acenaphthene | 14.634 | 153 | 2259891 | 26.864 ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.692 | 184 | 344683 | 27.780 ng/ul | 95 |
| 55) 4-Nitrophenol | 14.787 | 109 | 382143 | 28.509 ng/ul | 98 |
| 56) Dibenzofuran | 14.969 | 168 | 3249538 | 26.896 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.940 | 165 | 788796 | 31.836 ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.198 | 232 | 757066 | 29.903 ng/ul | 100 |
| 59) Diethylphthalate | 15.392 | 149 | 2711045 | 30.091 ng/ul | 100 |
| 61) Fluorene | 15.622 | 166 | 2677317 | 27.762 ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.616 | 204 | 1413022 | 28.058 ng/ul | 98 |
| 63) 4-Nitroaniline | 15.645 | 138 | 544249 | 33.341 ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.704 | 198 | 528409 | 28.216 ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.828 | 169 | 2277700 | 28.146 ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.510 | 248 | 877069 | 28.298 ng/ul | 99 |
| 69) Hexachlorobenzene | 16.628 | 284 | 1018857 | 27.264 ng/ul | 98 |
| 70) Atrazine | 16.786 | 200 | 878350 | 28.392 ng/ul | 98 |
| 71) Pentachlorophenol | 16.975 | 266 | 620429 | 27.892 ng/ul | 98 |
| 72) Phenanthrene | 17.375 | 178 | 4363015 | 27.427 ng/ul | 100 |
| 74) Anthracene | 17.463 | 178 | 4382485 | 27.890 ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216 | 1199130 | 26.537 ng/uL | 99 |
| 76) Pentachlorobenzene | 14.892 | 250 | 1149389 | 26.126 ng/uL | 99 |
| 77) Carbazole | 17.739 | 167 | 3926478 | 28.850 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.281 | 149 | 4611745 | 34.551 ng/ul | 99 |
| 80) Fluoranthene | 19.339 | 202 | 5329208 | 28.832 ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 5520539 | 28.188 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.557 | 149 | 2059874 | 34.661 ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.333 | 252 | 1670469 | 30.537 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.404 | 228 | 5534543 | 28.156 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.316 | 149 | 3074421 | 37.139 ng/ul | 100 |
| 87) Chrysene | 21.463 | 228 | 5225377 | 27.274 ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.263 | 149 | 5209670 | 37.497 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.133 | 252 | 5623637 | 27.433 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.186 | 252 | 5714498 | 29.214 ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.780 | 252 | 5052204 | 28.070 ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.468 | 276 | 6610555 | 26.507 ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.486 | 278 | 5592474 | 26.882 ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.268 | 276 | 5431704 | 26.480 ng/ul | 99 |

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

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