Quantitation Report (Qedit)

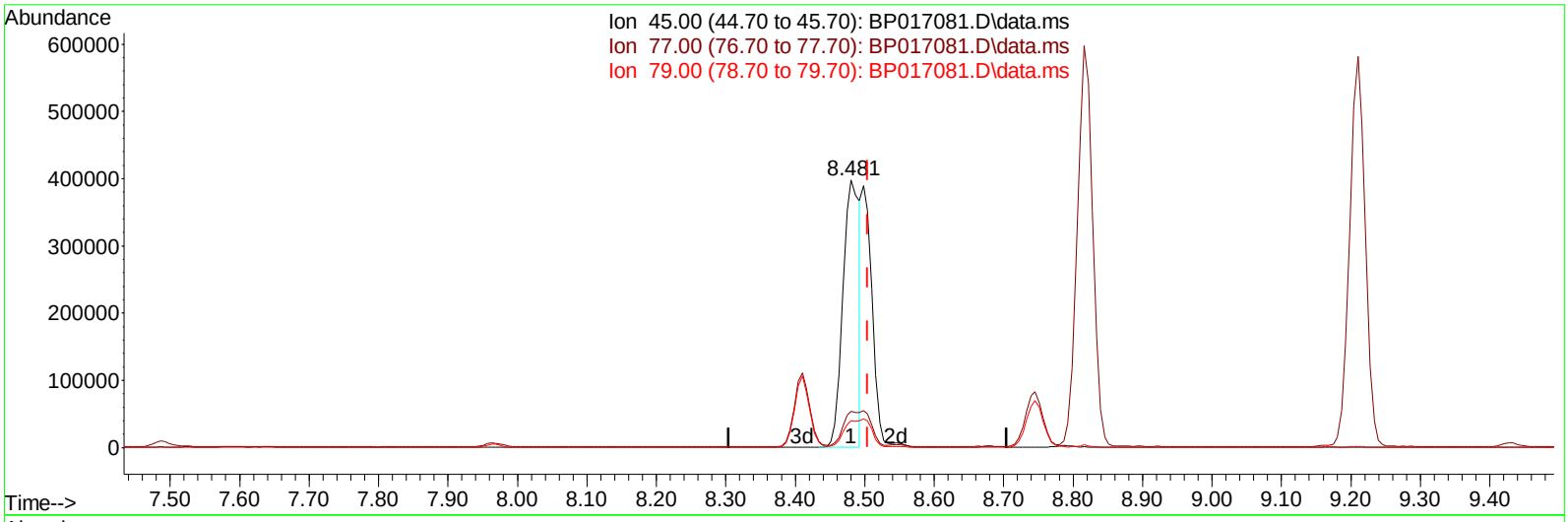
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017081.D
Acq On : 10 Sep 2023 09:33
Operator : MA/JU
Sample : 04268-04MSD
Misc :
ALS Vial : 94 Sample Multiplier: 1

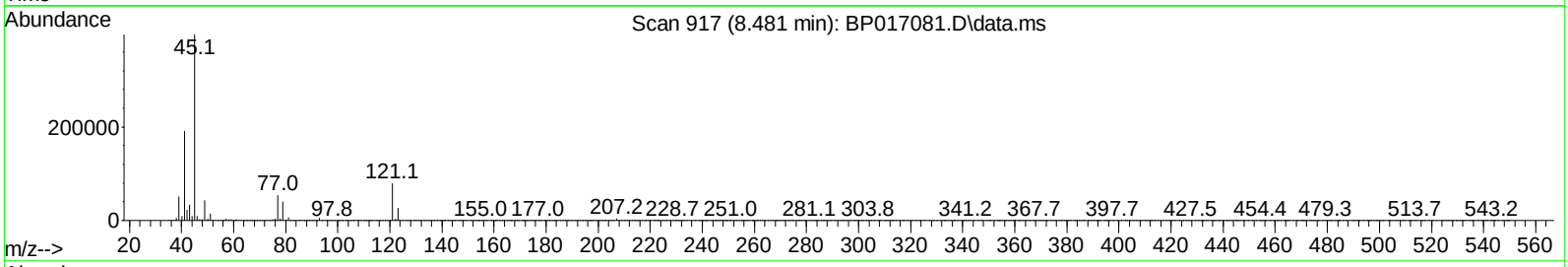
Quant Time: Sep 11 00:33:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

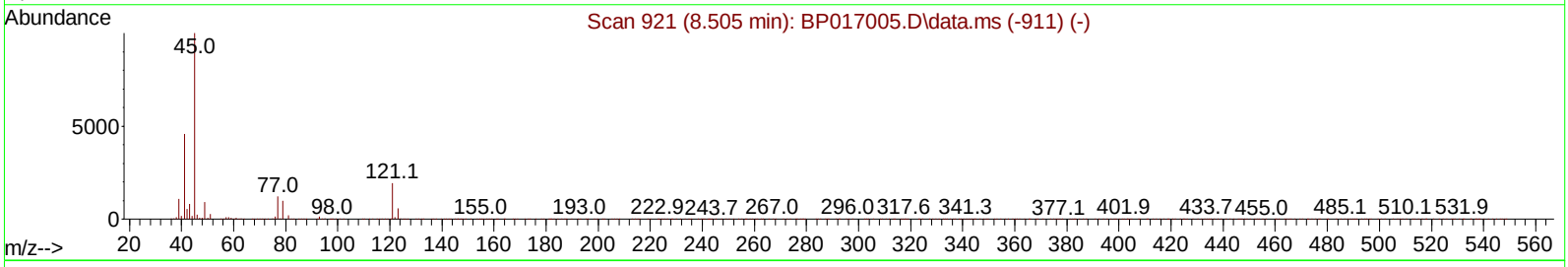
**Instrument :**
BNA_P
**ClientSampleId :**
H0GH2MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023




TIC: BP017081.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.481min (-0.024) 26.33 ng/ul**

**response 661698**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.10 | 13.68 |
| 79.00 | 11.20 | 10.15 |
| 0.00 | 0.00 | 0.00 |

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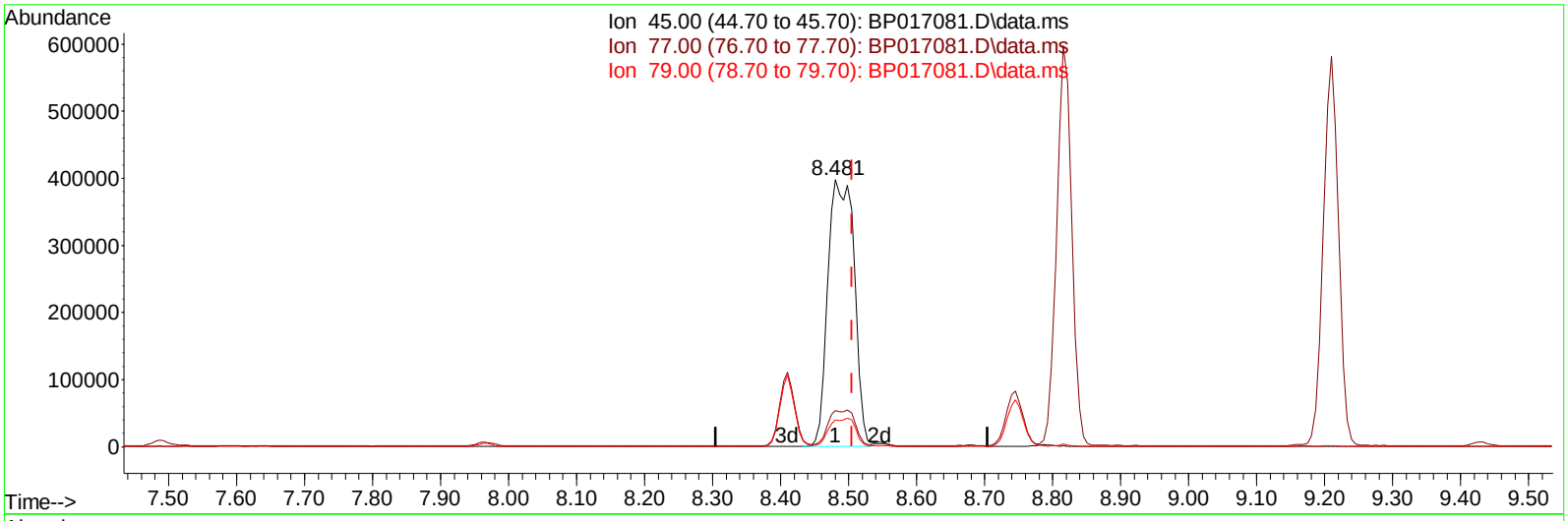


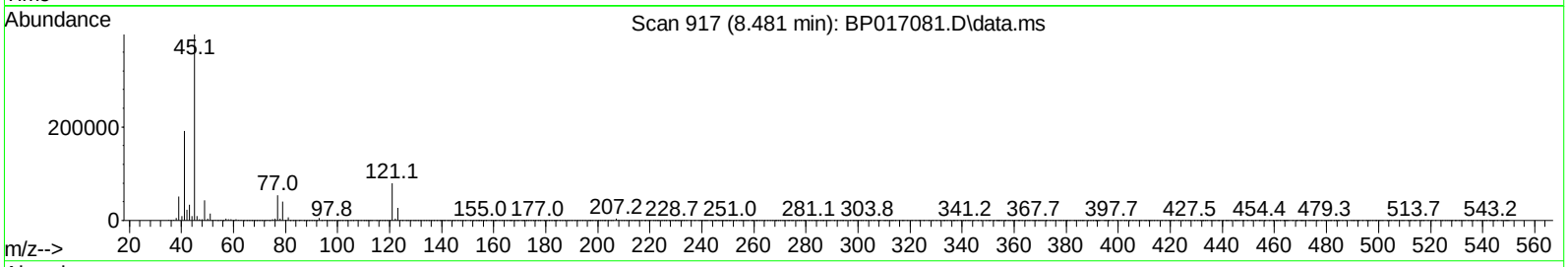


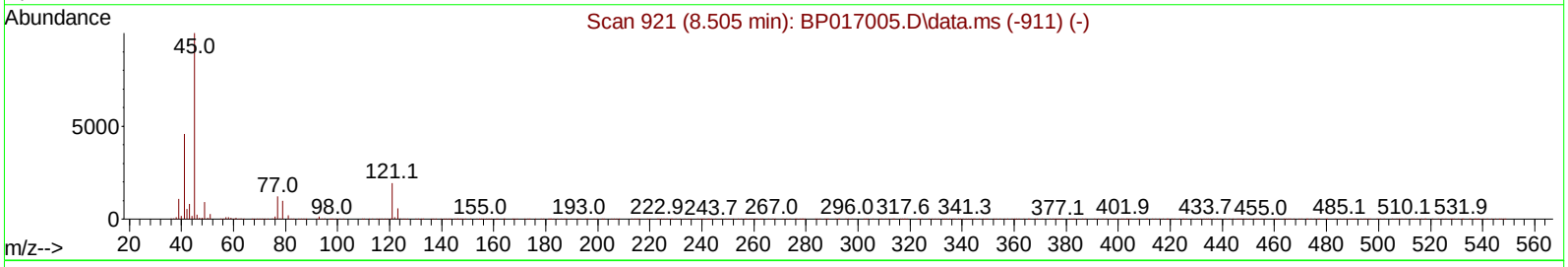


TIC: BP017081.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.481min (-0.024) 42.32 ng/ul m**

**response 1063438**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.10 | 13.68 |
| 79.00 | 11.20 | 10.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
H0GH2MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 235773 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.792 | 136 | 1047202 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.627 | 164 | 616311 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.392 | 188 | 1282236 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.492 | 240 | 991673 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.021 | 264 | 900901 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.322 | 96 | 28531 | 4.577 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.763 | 84 | 246334 | 13.831 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.116 | 99 | 164575 | 7.640 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.310 | 67 | 557808 | 41.401 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.487 | 132 | 470269 | 30.166 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.681 | 113 | 307035 | 18.710 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.163 | 128 | 321472 | 39.569 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.881 | 143 | 325594 | 36.971 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.404 | 165 | 565342 | 34.771 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.957 | 131 | 777211 | 33.132 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.039 | 166 | 2145841 | 46.774 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.327 | 160 | 2318477 | 43.791 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.845 | 143 | 64317 | 7.177 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.621 | 176 | 1801594 | 45.867 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200 | 311097 | 40.316 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.492 | 188 | 2799375 | 47.539 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.727 | 212 | 3027178 | 50.117 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.850 | 264 | 2247640 | 49.178 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.357 | 88 | 40187 | 5.971 | ng/uL | 99 |
| 5) Pyridine | 3.781 | 79 | 298527 | 15.745 | ng/ul | 97 |
| 6) Benzaldehyde | 7.128 | 77 | 533508 | 54.647 | ng/ul | 99 |
| 8) Phenol | 7.145 | 94 | 189602 | 8.472 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.404 | 93 | 728102 | 40.797 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.522 | 128 | 504544 | 30.379 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.410 | 108 | 373675 | 22.763 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.481 | 45 | 1063438m | 42.322 | ng/ul | |
| 16) Acetophenone | 8.816 | 105 | 1120200 | 42.302 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.787 | 70 | 608571 | 43.021 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.745 | 108 | 351384 | 19.627 | ng/ul | 100 |
| 19) Hexachloroethane | 9.034 | 117 | 255379 | 37.118 | ng/ul | 96 |
| 22) Nitrobenzene | 9.210 | 77 | 907863 | 41.851 | ng/ul | 97 |
| 23) Isophorone | 9.722 | 82 | 1675037 | 41.100 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.910 | 139 | 367650 | 37.917 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.951 | 107 | 530400 | 26.791 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.210 | 93 | 1002150 | 39.678 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.433 | 162 | 578028 | 34.884 | ng/ul | 98 |
| 30) Naphthalene | 10.845 | 128 | 2228982 | 39.008 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.981 | 127 | 745632 | 30.543 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.075 | 225 | 337120 | 34.039 | ng/ul | 99 |
| 34) Caprolactam | 11.810 | 113 | 30416 | 5.543 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 12.075 | 107 | 622775 | 34.297 | ng/ul | 99 |

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**Instrument :**
BNA_P
**ClientSampleId :**
H0GH2MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.451 | 142 | 1504862 | 39.851 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.669 | 142 | 1478100 | 38.878 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.798 | 216 | 696699 | 38.368 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.745 | 237 | 260865 | 22.172 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.051 | 196 | 503603 | 40.748 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.122 | 196 | 557097 | 41.428 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.457 | 154 | 2073094 | 42.494 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.504 | 162 | 1611470 | 42.071 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.739 | 65 | 604959 | 53.033 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.086 | 163 | 2254831 | 46.843 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.233 | 165 | 455666 | 48.743 | ng/ul | 96 |
| 50) Acenaphthylene | 14.351 | 152 | 2651063 | 44.719 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.569 | 138 | 464307 | 49.768 | ng/ul | 96 |
| 52) Acenaphthene | 14.692 | 153 | 1853260 | 44.806 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.769 | 184 | 186841 | 32.236 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.857 | 109 | 59666 | 8.319 | ng/ul | 93 |
| 56) Dibenzofuran | 15.027 | 168 | 2591888 | 45.573 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.016 | 165 | 680604 | 50.719 | ng/ul | 87 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.239 | 232 | 454527 | 41.923 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.439 | 149 | 2317788 | 48.184 | ng/ul | 99 |
| 61) Fluorene | 15.680 | 166 | 2217638 | 47.295 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.669 | 204 | 1025018 | 45.234 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.739 | 138 | 455612 | 55.545 | ng/ul | 92 |
| 66) 4,6-Dinitro-2-methylph... | 15.763 | 198 | 328376 | 40.618 | ng/ul# | 88 |
| 67) N-Nitrosodiphenylamine | 15.892 | 169 | 1829336 | 47.314 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.568 | 248 | 569987 | 44.681 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.651 | 284 | 619470 | 44.299 | ng/ul | 95 |
| 70) Atrazine | 16.851 | 200 | 395262 | 29.859 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.015 | 266 | 348027 | 38.165 | ng/ul | 99 |
| 72) Phenanthrene | 17.439 | 178 | 3473203 | 48.747 | ng/ul | 100 |
| 74) Anthracene | 17.527 | 178 | 3461807 | 48.333 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 69977 | 3.831 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.916 | 250 | 751261 | 42.701 | ng/uL | 99 |
| 77) Carbazole | 17.815 | 167 | 3229295 | 50.172 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.321 | 149 | 4001375 | 50.745 | ng/ul | 99 |
| 80) Fluoranthene | 19.398 | 202 | 3799530 | 50.378 | ng/ul | 97 |
| 82) Pyrene | 19.757 | 202 | 3939360 | 50.306 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.615 | 149 | 1749358 | 54.019 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.415 | 252 | 869456 | 39.506 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.474 | 228 | 3426521 | 49.061 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.351 | 149 | 2409805 | 53.864 | ng/ul | 99 |
| 87) Chrysene | 21.527 | 228 | 3199180 | 48.968 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.315 | 149 | 3911091 | 51.788 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.233 | 252 | 3006687 | 47.768 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.286 | 252 | 2985890 | 48.987 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.909 | 252 | 2603132 | 49.584 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.703 | 276 | 3026933 | 51.940 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.727 | 278 | 2519564 | 52.382 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.544 | 276 | 2362845 | 51.450 | ng/ul | 97 |

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

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