Quantitation Report (Qedit)

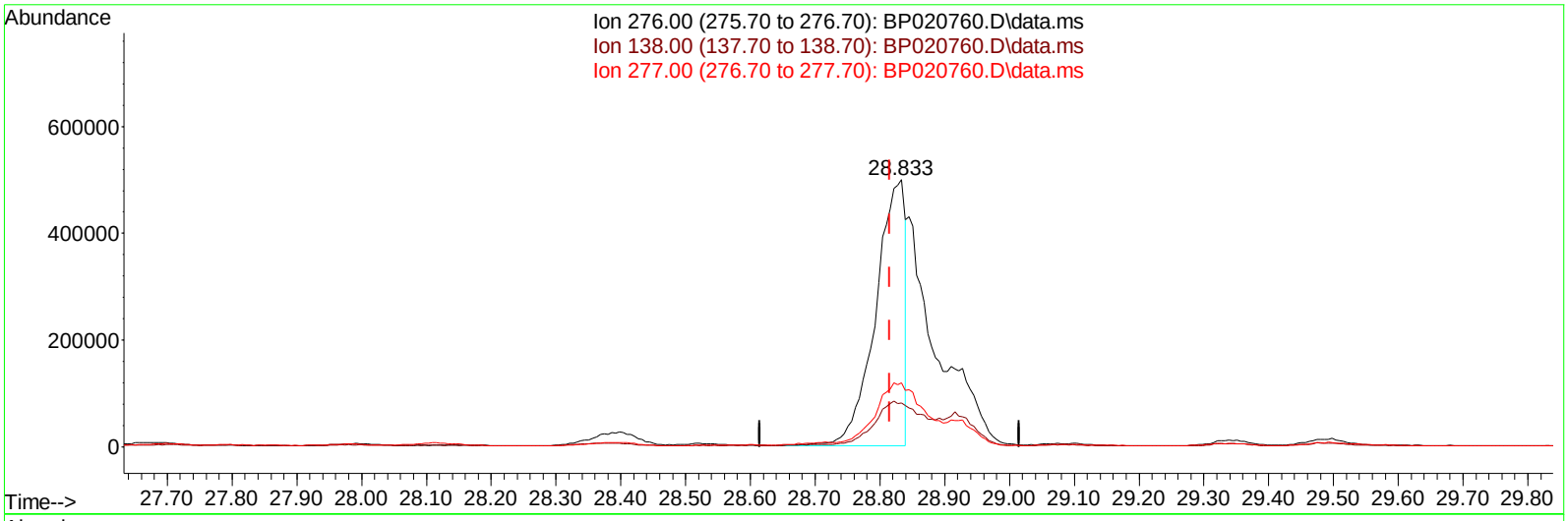
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020760.D
Acq On : 02 Jul 2024 21:32
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

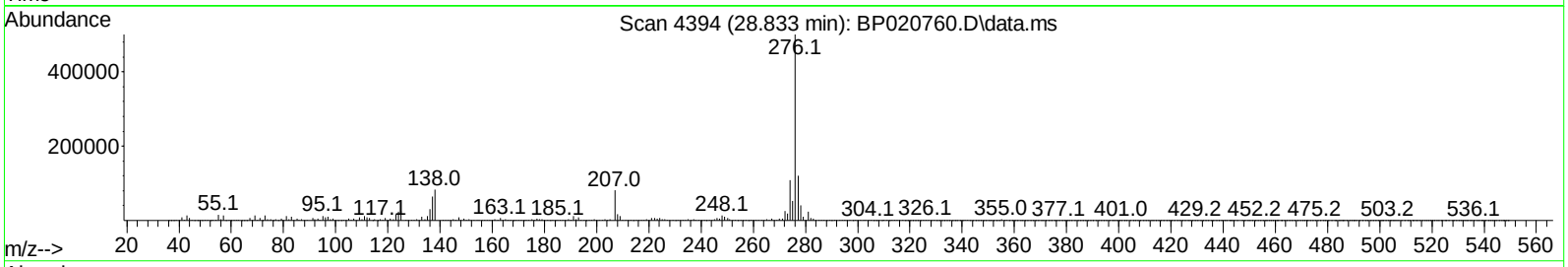
Quant Time: Jul 02 23:01:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

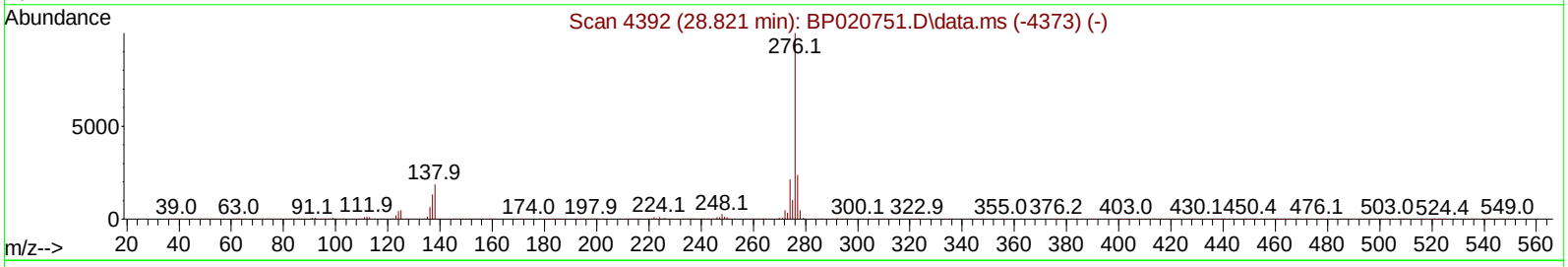
**Instrument :**
BNA_P
**ClientSampleId :**
A4CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024




TIC: BP020760.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**28.833min (+ 0.018) 24.85 ng/ul**

**response 1573710**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 16.47 |
| 277.00 | 23.70 | 24.00 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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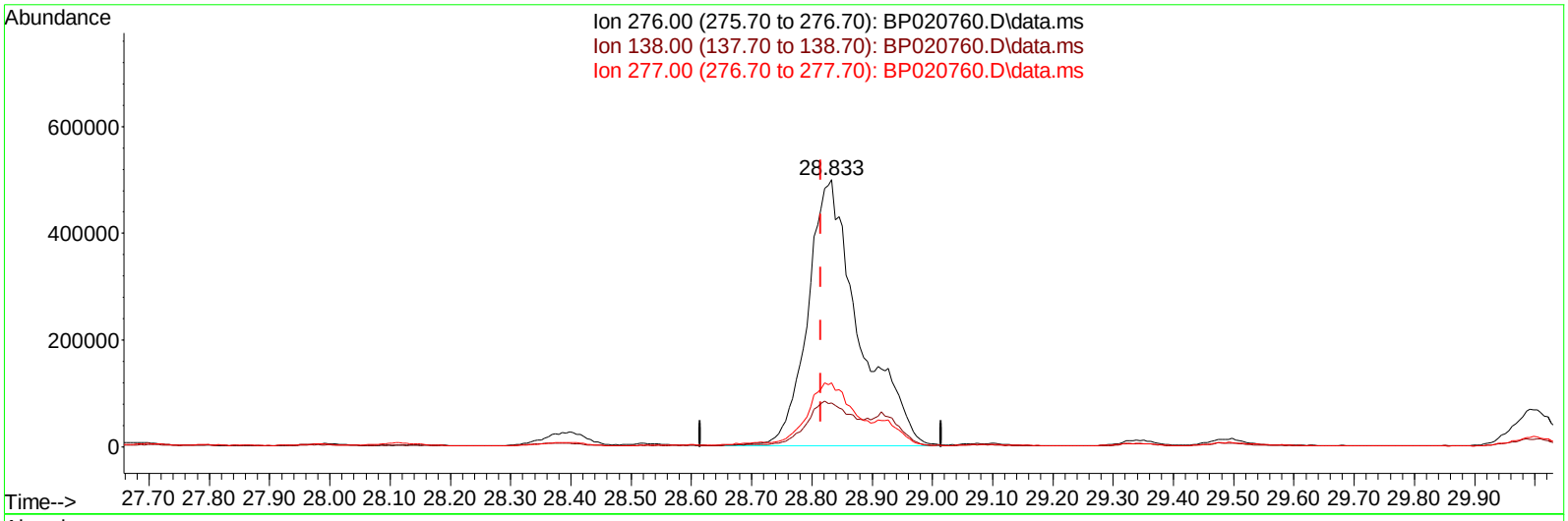


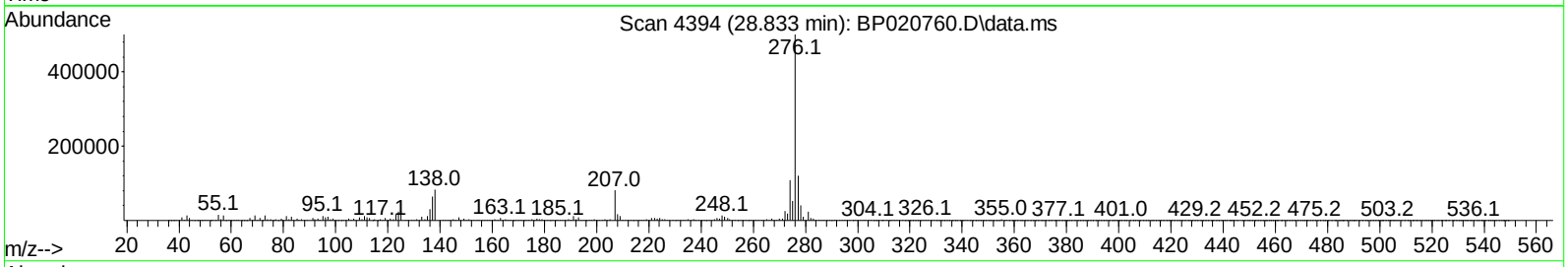


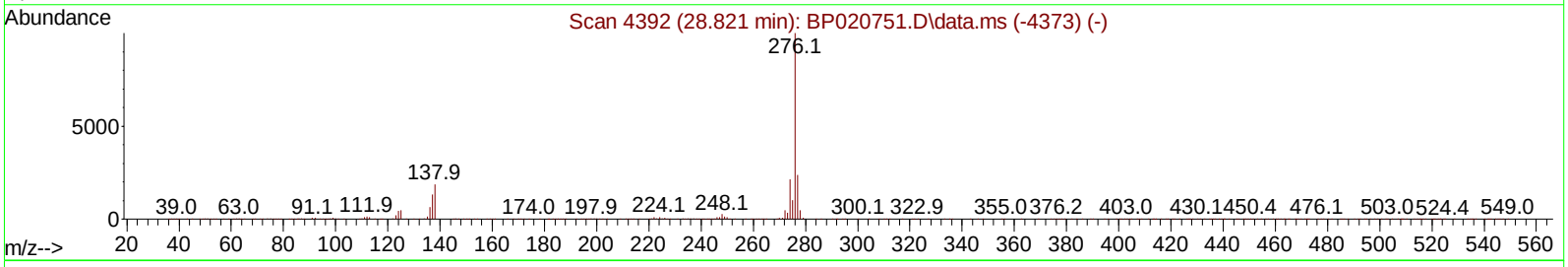


TIC: BP020760.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**28.833min (+ 0.018) 46.65 ng/ul m**

**response 2954091**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 16.47 |
| 277.00 | 23.70 | 24.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BP020760.D
Acq On : 02 Jul 2024 21:32
Operator : MA/JU
Sample : P3065-02MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Jul 02 23:02:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.740 | 152 | 216873 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.510 | 136 | 874889 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.369 | 164 | 547813 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 977043 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.645 | 240 | 697439 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.992 | 264 | 863309 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.276 | 96 | 22428 | 4.441 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 198903 | 13.513 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.928 | 99 | 628909 | 35.357 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.087 | 67 | 351688 | 31.187 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.281 | 132 | 515935 | 35.490 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.452 | 113 | 524100 | 36.278 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.893 | 128 | 256862 | 39.766 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.605 | 143 | 294752 | 45.599 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.140 | 165 | 579477 | 43.521 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.646 | 131 | 284358 | 15.239 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.775 | 166 | 1690659 | 44.387 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.057 | 160 | 1816871 | 39.976 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.604 | 143 | 238912 | 41.053 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.381 | 176 | 1350426 | 42.133 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 200 | 239180 | 48.577 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.287 | 188 | 1864553 | 42.521 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.669 | 212 | 1575022 | 37.591 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.774 | 264 | 1247311 | 29.702 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 73381 | 12.984 | ng/uL | 97 |
| 5) Pyridine | 3.705 | 79 | 298233 | 19.560 | ng/ul | 96 |
| 6) Benzaldehyde | 6.899 | 77 | 252857 | 28.110 | ng/ul | 100 |
| 8) Phenol | 6.958 | 94 | 790876 | 43.600 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.175 | 93 | 578195 | 38.501 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.316 | 128 | 619912 | 42.419 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.181 | 108 | 597713 | 42.948 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.252 | 45 | 815192 | 35.719 | ng/ul | 99 |
| 16) Acetophenone | 8.563 | 105 | 958976 | 41.566 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.546 | 70 | 467428 | 38.116 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.511 | 108 | 655718 | 44.511 | ng/ul | 98 |
| 19) Hexachloroethane | 8.805 | 117 | 195453 | 30.809 | ng/ul | 89 |
| 22) Nitrobenzene | 8.934 | 77 | 696030 | 41.567 | ng/ul | 96 |
| 23) Isophorone | 9.458 | 82 | 1369256 | 41.270 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.634 | 139 | 369016 | 52.863 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.693 | 107 | 648487 | 39.887 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.928 | 93 | 811374 | 41.109 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.169 | 162 | 653202 | 49.564 | ng/ul | 98 |
| 30) Naphthalene | 10.557 | 128 | 1989103 | 42.477 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.675 | 127 | 380160 | 21.161 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.828 | 225 | 445052 | 45.170 | ng/ul | 100 |
| 34) Caprolactam | 11.487 | 113 | 179510 | 44.760 | ng/ul | 83 |
| 35) 4-Chloro-3-methylphenol | 11.805 | 107 | 720386 | 49.507 | ng/ul | 97 |

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Sample : P3065-02MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Jul 02 23:02:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.169 | 142 | 1406073 | 44.825 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.387 | 142 | 1450425 | 45.231 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.540 | 216 | 817459 | 46.673 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.510 | 237 | 270330 | 24.798 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.787 | 196 | 540208 | 51.703 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.863 | 196 | 591516 | 54.586 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.193 | 154 | 1852202 | 45.210 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.234 | 162 | 1435191 | 44.477 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.446 | 65 | 436042 | 53.650 | ng/ul | 92 |
| 47) Dimethylphthalate | 13.822 | 163 | 1847077 | 47.606 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.951 | 165 | 389264 | 56.265 | ng/ul | 94 |
| 50) Acenaphthylene | 14.087 | 152 | 2280075 | 44.412 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.287 | 138 | 300118 | 46.674 | ng/ul | 96 |
| 52) Acenaphthene | 14.434 | 153 | 1528367 | 44.878 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.498 | 184 | 185093 | 51.577 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.622 | 109 | 232780 | 44.697 | ng/ul | 96 |
| 56) Dibenzofuran | 14.775 | 168 | 2109271 | 45.963 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.751 | 165 | 533888 | 55.905 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 469915 | 52.504 | ng/ul# | 95 |
| 59) Diethylphthalate | 15.210 | 149 | 1842592 | 48.145 | ng/ul | 98 |
| 61) Fluorene | 15.445 | 166 | 1713960 | 46.485 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.434 | 204 | 877935 | 45.629 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.475 | 138 | 317663 | 52.054 | ng/ul | 92 |
| 66) 4,6-Dinitro-2-methylph... | 15.534 | 198 | 291408 | 55.250 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.657 | 169 | 1463670 | 50.798 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.351 | 248 | 565547 | 51.894 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.457 | 284 | 495631 | 40.627 | ng/ul | 96 |
| 70) Atrazine | 16.640 | 200 | 366864 | 36.116 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.828 | 266 | 340383 | 48.463 | ng/ul | 97 |
| 72) Phenanthrene | 17.234 | 178 | 3529171 | 68.979 | ng/ul | 100 |
| 74) Anthracene | 17.322 | 178 | 2546779 | 48.392 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.151 | 216 | 835004 | 52.649 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.693 | 250 | 660218 | 43.677 | ng/uL | 98 |
| 77) Carbazole | 17.610 | 167 | 1936444 | 44.584 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.198 | 149 | 2967935 | 52.611 | ng/ul | 100 |
| 80) Fluoranthene | 19.328 | 202 | 4716630 | 92.157 | ng/ul | 98 |
| 82) Pyrene | 19.704 | 202 | 3600673 | 68.598 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.657 | 149 | 1049906 | 53.868 | ng/ul | 93 |
| 84) 3,3'-Dichlorobenzidine | 21.551 | 252 | 291489 | 18.903 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.628 | 228 | 3414948 | 69.857 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.557 | 149 | 1979062 | 65.398 | ng/ul | 99 |
| 87) Chrysene | 21.698 | 228 | 3373353 | 73.005 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.845 | 149 | 2559746 | 46.187 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.945 | 252 | 4170904 | 79.749 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.010 | 252 | 3110305 | 58.791 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.839 | 252 | 1771132 | 35.874 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 28.833 | 276 | 2954091m | 46.649 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.927 | 278 | 2686659 | 51.621 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.992 | 276 | 327250 | 6.329 | ng/ul | 98 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
A4CX6MS

**Manual IntegrationsAPPROVED**

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