

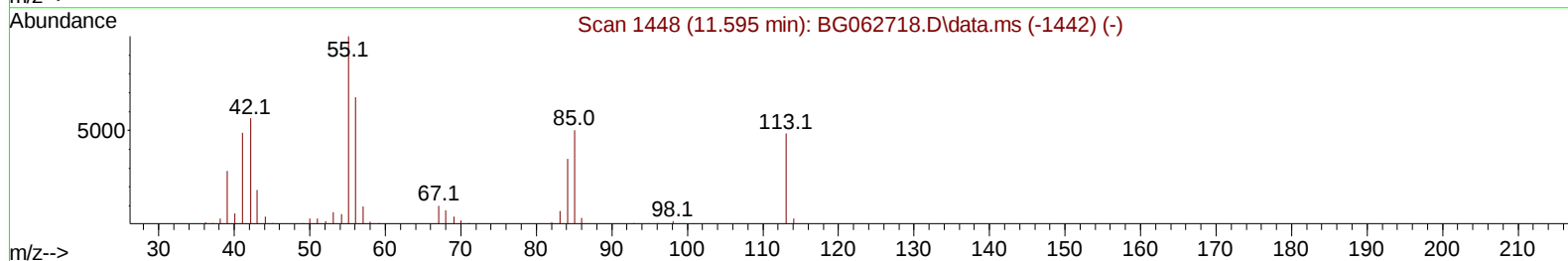
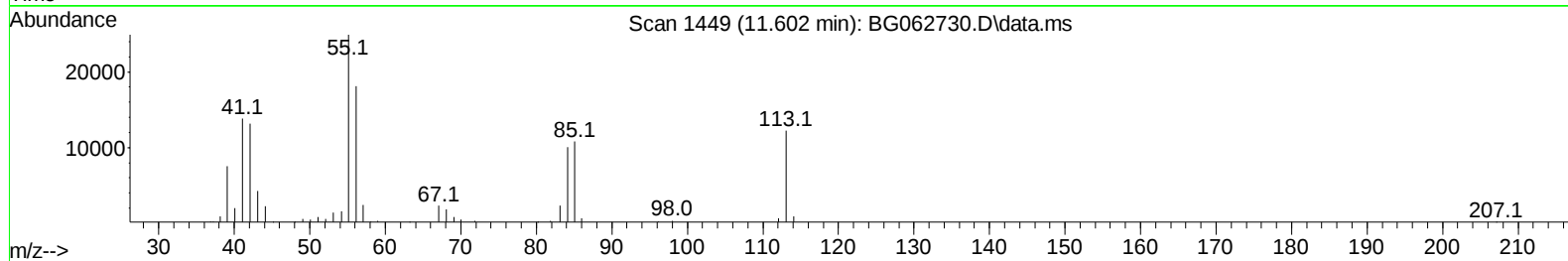
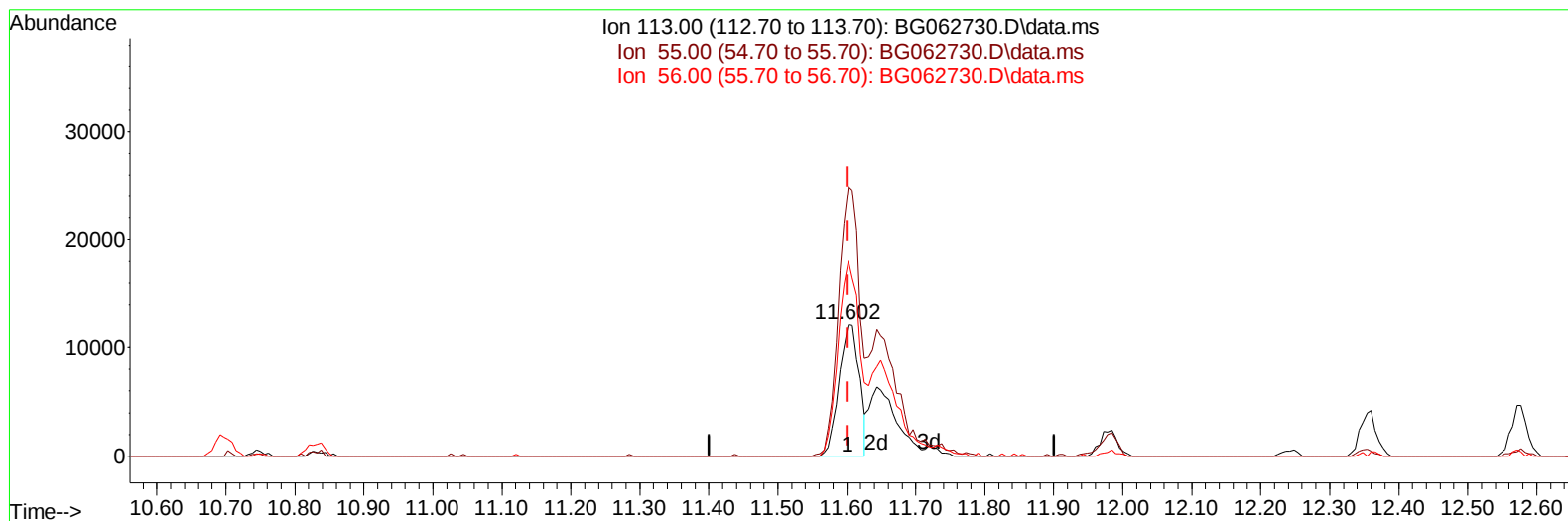
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062730.D  
Acq On : 11 Sep 2024 11:07  
Operator : JU/RC  
Sample : PB163242BS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS242

Manual IntegrationsAPPROVED

Quant Time: Sep 11 11:44:37 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2024  
Supervised By :mohammad ahmed 09/13/2024



TIC: BG062730.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 14.19 ng/ul

response 24900

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 188.50 | 203.88 |
| 56.00  | 156.30 | 148.05 |
| 0.00   | 0.00   | 0.00   |

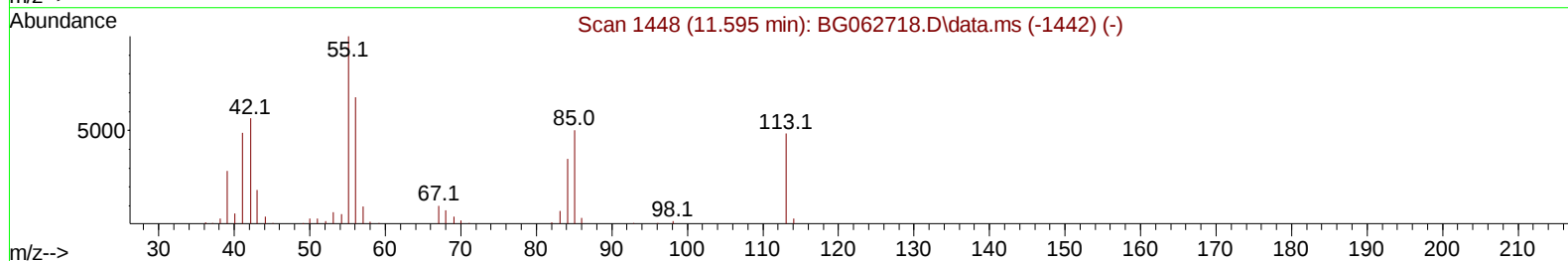
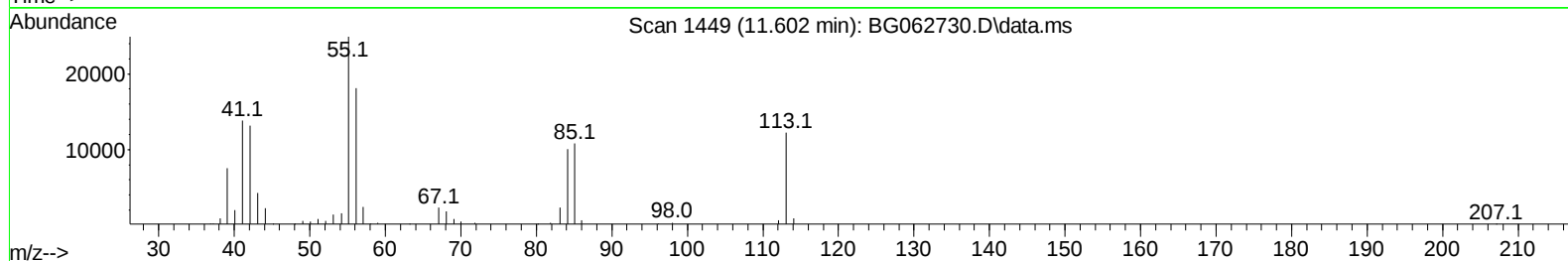
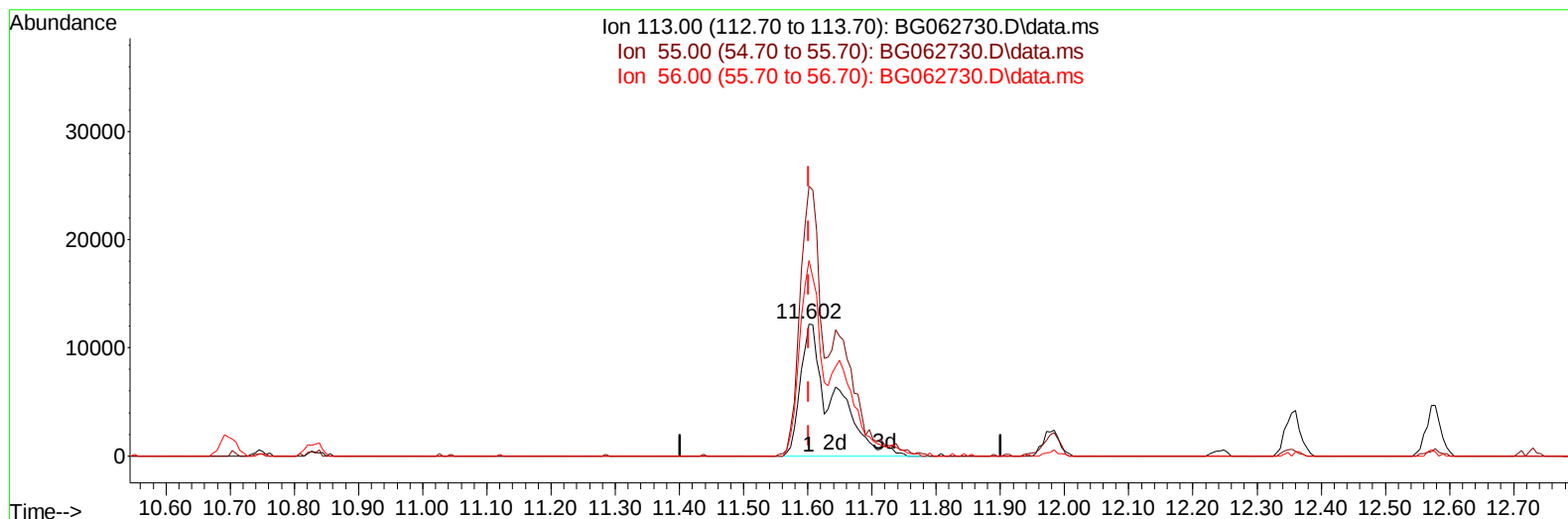
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TIC: BG062730.D\data.ms

**(34) Caprolactam**

11.602min (+ 0.001) 24.85 ng/ul m

response 43606

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 188.50 | 203.88 |
| 56.00  | 156.30 | 148.05 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
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 Operator : JU/RC  
 Sample : PB163242BS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS242

Manual IntegrationsAPPROVED

Quant Time: Sep 11 12:54:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.906  | 152  | 71327    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.697 | 136  | 283943   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.534 | 164  | 233271   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.278 | 188  | 624300   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.526 | 240  | 663777   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.587 | 264  | 734928   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.365  | 96   | 7920     | 5.019  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.764  | 84   | 104618   | 20.829 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.072  | 99   | 153908   | 24.607 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.237  | 67   | 88102    | 23.495 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.436  | 132  | 112795   | 24.758 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.611  | 113  | 127517   | 24.466 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 57592    | 28.379 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.781  | 143  | 69396    | 31.267 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.321 | 165  | 143396   | 29.668 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.826 | 131  | 146708   | 22.082 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.940 | 166  | 456259   | 25.399 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 507587   | 25.442 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.734 | 143  | 78478    | 25.717 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.527 | 176  | 423066   | 26.136 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.644 | 200  | 98737    | 27.495 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.378 | 188  | 740770   | 25.142 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.669 | 212  | 969197   | 25.947 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.381 | 264  | 1005879  | 25.920 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.400  | 88   | 14512    | 8.206  | ng/uL# | 94       |
| 5) Pyridine                   | 3.788  | 79   | 113090   | 21.467 | ng/ul  | 99       |
| 6) Benzaldehyde               | 7.043  | 77   | 71865    | 20.898 | ng/ul  | 96       |
| 8) Phenol                     | 7.096  | 94   | 158457   | 24.372 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.325  | 93   | 115993   | 23.600 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.472  | 128  | 118499   | 25.439 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.347  | 108  | 117392   | 24.078 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.429  | 45   | 201673   | 22.797 | ng/ul  | 98       |
| 16) Acetophenone              | 8.723  | 105  | 200931   | 23.719 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.705  | 70   | 108294   | 24.421 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.670  | 108  | 133317   | 24.305 | ng/ul  | 95       |
| 19) Hexachloroethane          | 8.982  | 117  | 46873    | 24.996 | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.099  | 77   | 153654   | 27.988 | ng/ul  | 97       |
| 23) Isophorone                | 9.622  | 82   | 308043   | 27.445 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.810  | 139  | 71608    | 29.274 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.875  | 107  | 116719   | 22.330 | ng/ul  | 93       |
| 27) Bis(2-Chloroethoxy)met... | 10.104 | 93   | 169659   | 27.047 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 138441   | 29.081 | ng/ul  | 98       |
| 30) Naphthalene               | 10.750 | 128  | 380382   | 24.985 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.856 | 127  | 136308   | 20.629 | ng/ul  | 96       |
| 33) Hexachlorobutadiene       | 11.038 | 225  | 102751   | 25.909 | ng/ul  | 94       |
| 34) Caprolactam               | 11.602 | 113  | 43606m   | 24.853 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.978 | 107  | 139877   | 26.935 | ng/ul  | 95       |

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Instrument :  
 BNA\_G  
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Manual IntegrationsAPPROVED

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 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.354 | 142  | 273796   | 24.367 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.577 | 142  | 283076   | 24.595 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.724 | 216  | 202125   | 25.204 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.707 | 237  | 90113    | 21.960 | ng/ul# | 92       |
| 41) 2,4,6-Trichlorophenol     | 12.965 | 196  | 112104   | 23.078 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.036 | 196  | 131734   | 25.259 | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.365 | 154  | 400737   | 24.429 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.406 | 162  | 334747   | 25.095 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.606 | 65   | 101340   | 27.687 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.987 | 163  | 469400   | 25.374 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.105 | 165  | 92409    | 28.353 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.258 | 152  | 554364   | 26.319 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.434 | 138  | 89704    | 27.491 | ng/ul# | 97       |
| 52) Acenaphthene              | 14.599 | 153  | 365640   | 24.507 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.640 | 184  | 58825    | 27.333 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.745 | 109  | 72691    | 26.500 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.933 | 168  | 561932   | 25.354 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 138855   | 27.249 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 114994   | 21.757 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.356 | 149  | 467782   | 25.632 | ng/ul  | 99       |
| 61) Fluorene                  | 15.586 | 166  | 449328   | 25.807 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.574 | 204  | 270137   | 26.450 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.597 | 138  | 98715    | 28.113 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.662 | 198  | 98603    | 26.489 | ng/ul  | 94       |
| 67) N-Nitrosodiphenylamine    | 15.791 | 169  | 401345   | 25.067 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.467 | 248  | 187520   | 26.103 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.584 | 284  | 216711   | 26.421 | ng/ul  | 98       |
| 70) Atrazine                  | 16.731 | 200  | 4852     | 0.680  | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.931 | 266  | 94839    | 19.331 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.319 | 178  | 829488   | 25.550 | ng/ul  | 99       |
| 74) Anthracene                | 17.413 | 178  | 833523   | 25.184 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.329 | 216  | 206084   | 24.172 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.857 | 250  | 225484   | 23.867 | ng/ul  | 98       |
| 77) Carbazole                 | 17.677 | 167  | 723918   | 26.376 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.241 | 149  | 867571   | 26.728 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.334 | 202  | 1075850  | 26.006 | ng/ul  | 99       |
| 82) Pyrene                    | 19.698 | 202  | 1127012  | 25.308 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.591 | 149  | 378783   | 28.653 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.426 | 252  | 390108   | 27.915 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.508 | 228  | 1213207  | 26.279 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.426 | 149  | 551234   | 28.319 | ng/ul  | 100      |
| 87) Chrysene                  | 21.573 | 228  | 1136343  | 25.945 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.583 | 149  | 967638   | 28.306 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.617 | 252  | 1206438  | 26.588 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.688 | 252  | 1182792  | 25.457 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.446 | 252  | 1078255  | 25.194 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 28.042 | 276  | 1391452  | 26.388 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 28.106 | 278  | 1134649  | 26.789 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.123 | 276  | 1103772  | 27.103 | ng/ul  | 97       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SLCS242

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/12/2024

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