Quantitation Report (Qedit)

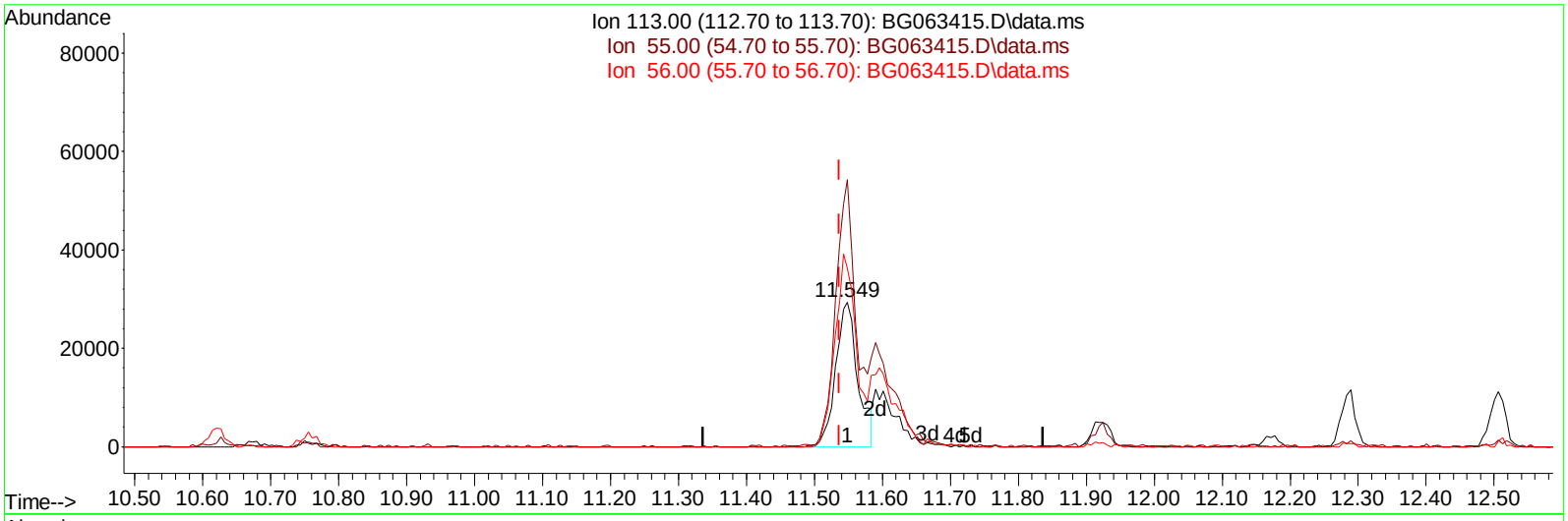
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063415.D
Acq On : 15 Nov 2024 6:41
Operator : RC/JU
Sample : PB164842BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

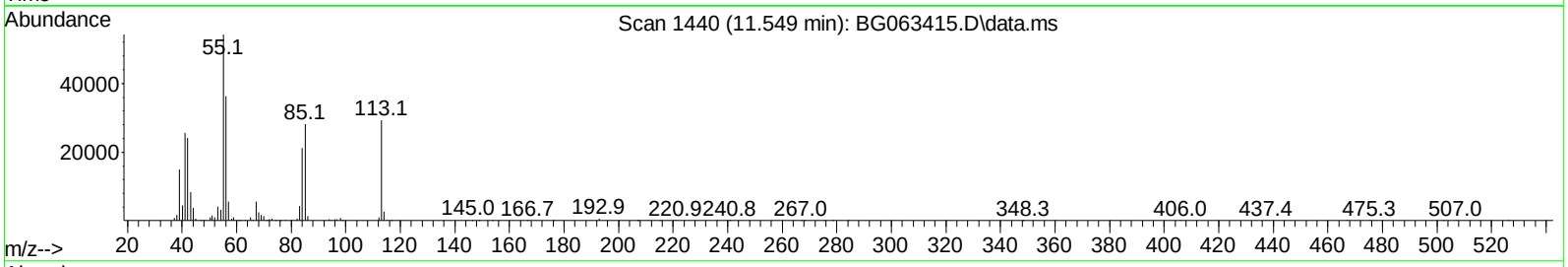
Quant Time: Nov 15 06:27:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

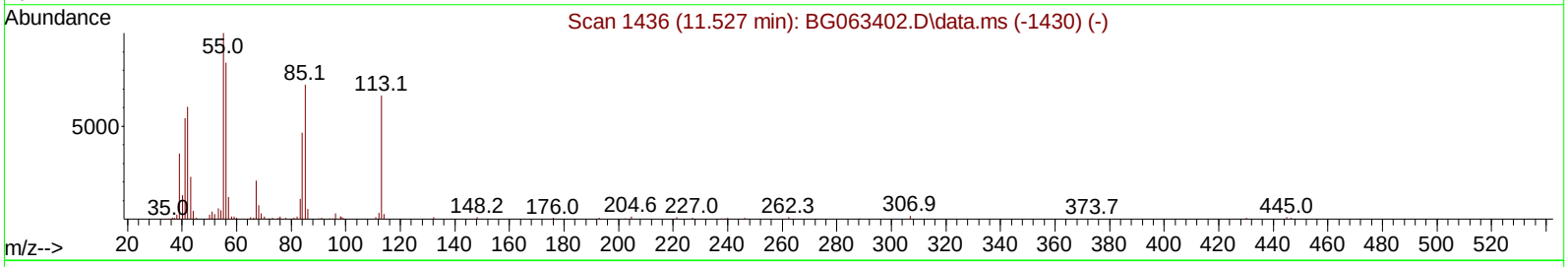
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024




TIC: BG063415.D\data.ms

**(34) Caprolactam**

**11.549min (+ 0.012) 19.28 ng/ul**

**response 66690**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 146.10 | 184.72# |
| 56.00 | 105.40 | 123.56 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

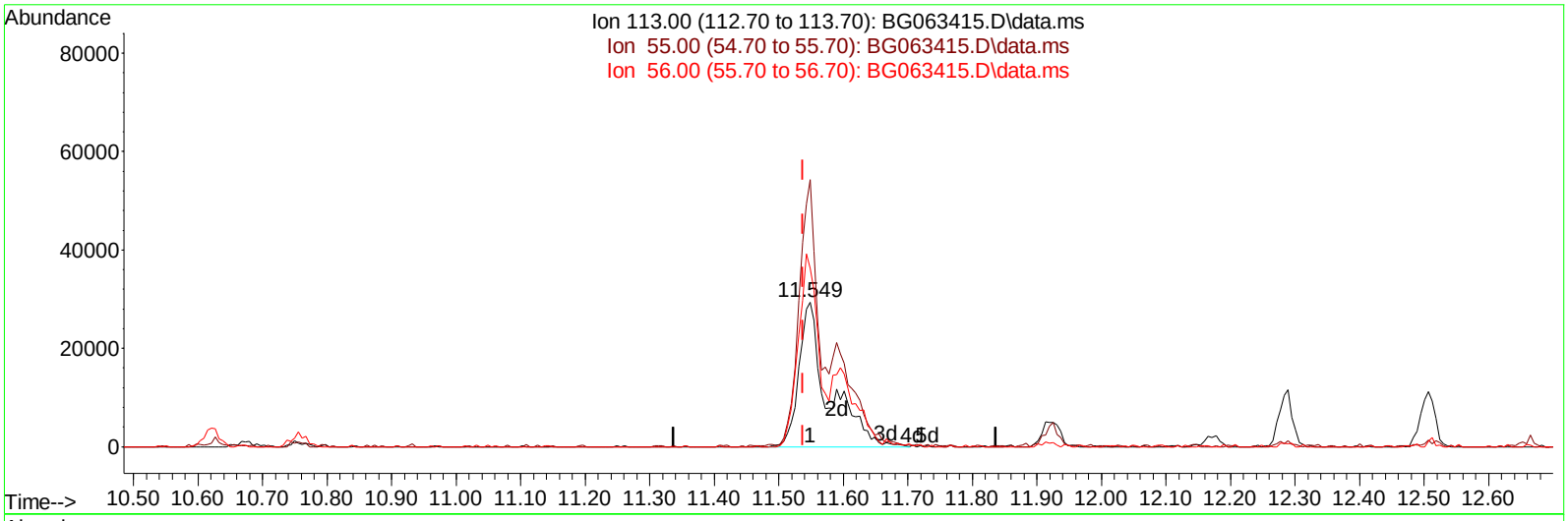
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063415.D
Acq On : 15 Nov 2024 6:41
Operator : RC/JU
Sample : PB164842BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

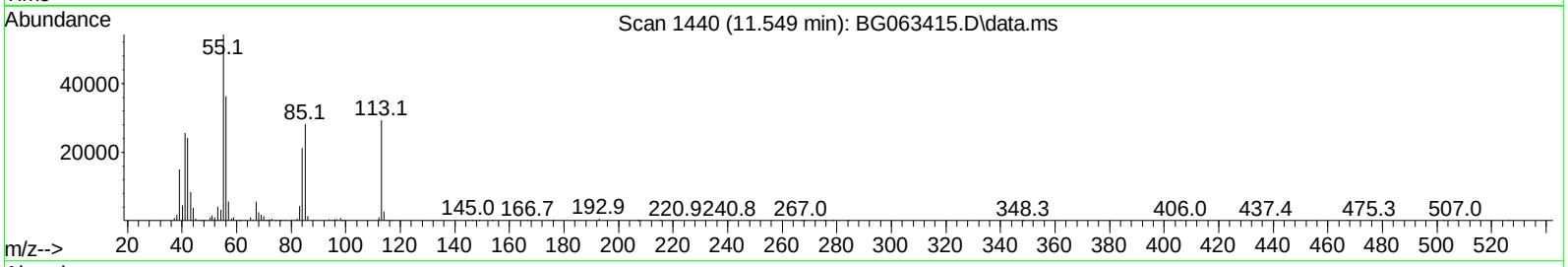
Quant Time: Nov 15 06:27:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

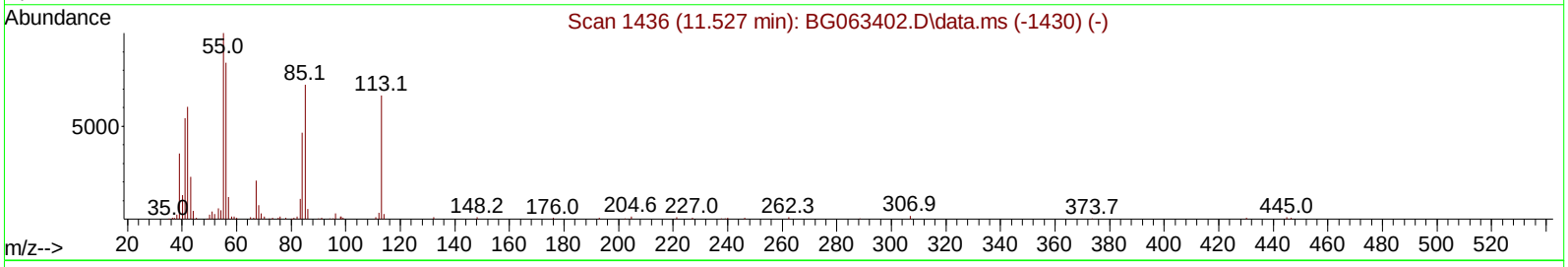
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024




TIC: BG063415.D\data.ms

**(34) Caprolactam**

**11.549min (+ 0.012) 26.90 ng/ul m**

**response 93027**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 146.10 | 184.72# |
| 56.00 | 105.40 | 123.56 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063415.D
Acq On : 15 Nov 2024 6:41
Operator : RC/JU
Sample : PB164842BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 15 06:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.830 | 152 | 117512 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.620 | 136 | 494969 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.475 | 164 | 401435 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.224 | 188 | 1072723 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.478 | 240 | 1113177 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.516 | 264 | 1170373 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.300 | 96 | 15887 | 6.113 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.705 | 84 | 252763 | 29.427 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.013 | 99 | 328141 | 30.946 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.166 | 67 | 186850 | 30.042 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.365 | 132 | 227897 | 33.112 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.546 | 113 | 267562 | 29.770 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.987 | 128 | 119061 | 34.215 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 148976 | 33.125 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.250 | 165 | 289032 | 32.748 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.761 | 131 | 308788 | 26.861 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.881 | 166 | 935752 | 29.759 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.163 | 160 | 1030158 | 33.471 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.692 | 143 | 150918 | 35.054 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.468 | 176 | 867620 | 32.693 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 200 | 213270 | 31.634 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.324 | 188 | 1455056 | 31.560 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.622 | 212 | 1943841 | 34.828 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.316 | 264 | 1874062 | 33.165 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.335 | 88 | 34702 | 10.847 | ng/uL | 89 |
| 5) Pyridine | 3.723 | 79 | 248006 | 28.298 | ng/ul | 97 |
| 6) Benzaldehyde | 6.972 | 77 | 124835 | 21.301 | ng/ul | 93 |
| 8) Phenol | 7.036 | 94 | 347332 | 30.058 | ng/ul | 89 |
| 10) Bis(2-Chloroethyl)ether | 7.260 | 93 | 229315 | 29.179 | ng/ul | 90 |
| 12) 2-Chlorophenol | 7.401 | 128 | 229125 | 31.122 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.282 | 108 | 239661 | 28.394 | ng/ul | 87 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.352 | 45 | 309463 | 31.155 | ng/ul | 93 |
| 16) Acetophenone | 8.652 | 105 | 394383 | 27.253 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.634 | 70 | 225428 | 26.706 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.611 | 108 | 276349 | 28.792 | ng/ul | 97 |
| 19) Hexachloroethane | 8.911 | 117 | 93031 | 31.183 | ng/ul | 91 |
| 22) Nitrobenzene | 9.034 | 77 | 333739 | 31.105 | ng/ul | 99 |
| 23) Isophorone | 9.551 | 82 | 627375 | 27.704 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.739 | 139 | 143871 | 32.361 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.804 | 107 | 226410 | 23.347 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.033 | 93 | 326476 | 29.906 | ng/ul | 96 |
| 29) 2,4-Dichlorophenol | 10.280 | 162 | 268009 | 32.210 | ng/ul | 96 |
| 30) Naphthalene | 10.673 | 128 | 771333 | 30.456 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.785 | 127 | 237229 | 21.561 | ng/ul | 94 |
| 33) Hexachlorobutadiene | 10.961 | 225 | 222888 | 27.989 | ng/ul | 95 |
| 34) Caprolactam | 11.549 | 113 | 93027m | 26.900 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.925 | 107 | 303534 | 30.402 | ng/ul | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063415.D
Acq On : 15 Nov 2024 6:41
Operator : RC/JU
Sample : PB164842BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 15 06:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.283 | 142 | 574650 | 28.628 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.506 | 142 | 591114 | 28.318 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.659 | 216 | 447184 | 31.600 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.636 | 237 | 149573 | 19.357 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.900 | 196 | 249050 | 32.604 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.982 | 196 | 276842 | 33.422 | ng/ul | 90 |
| 43) 1,1'-Biphenyl | 13.300 | 154 | 836691 | 32.882 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.341 | 162 | 650267 | 32.825 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.552 | 65 | 228765 | 33.854 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.928 | 163 | 880847 | 29.215 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.052 | 165 | 194115 | 33.645 | ng/ul | 98 |
| 50) Acenaphthylene | 14.193 | 152 | 1022675 | 33.357 | ng/ul# | 97 |
| 51) 3-Nitroaniline | 14.381 | 138 | 173316 | 34.415 | ng/ul | 96 |
| 52) Acenaphthene | 14.533 | 153 | 715832 | 32.622 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.592 | 184 | 111649 | 29.352 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.710 | 109 | 170036 | 30.388 | ng/ul | 95 |
| 56) Dibenzofuran | 14.874 | 168 | 1068733 | 31.817 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 290813 | 31.870 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.103 | 232 | 239855 | 27.960 | ng/ul# | 92 |
| 59) Diethylphthalate | 15.297 | 149 | 896852 | 29.013 | ng/ul | 99 |
| 61) Fluorene | 15.526 | 166 | 904699 | 31.823 | ng/ul | 95 |
| 62) 4-Chlorophenyl-phenyle... | 15.515 | 204 | 542246 | 29.679 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.550 | 138 | 200053 | 39.249 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.615 | 198 | 221721 | 31.690 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.732 | 169 | 784743 | 32.792 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.414 | 248 | 381946 | 31.145 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.537 | 284 | 407997 | 31.229 | ng/ul | 97 |
| 70) Atrazine | 16.684 | 200 | 161493 | 12.336 | ng/ul# | 96 |
| 71) Pentachlorophenol | 16.884 | 266 | 165329 | 25.243 | ng/ul | 97 |
| 72) Phenanthrene | 17.265 | 178 | 1579610 | 32.229 | ng/ul | 100 |
| 74) Anthracene | 17.360 | 178 | 1569651 | 31.262 | ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.270 | 216 | 448919 | 32.362 | ng/ul | 97 |
| 76) Pentachlorobenzene | 14.798 | 250 | 446497 | 30.184 | ng/ul | 96 |
| 77) Carbazole | 17.630 | 167 | 1387548 | 33.286 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.194 | 149 | 1601326 | 33.771 | ng/ul | 99 |
| 80) Fluoranthene | 19.287 | 202 | 2082620 | 34.522 | ng/ul# | 97 |
| 82) Pyrene | 19.651 | 202 | 2177355 | 34.051 | ng/ul# | 94 |
| 83) Butylbenzylphthalate | 20.550 | 149 | 717670 | 38.403 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.384 | 252 | 778986 | 32.544 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.461 | 228 | 2310863 | 32.819 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.378 | 149 | 1013861 | 37.246 | ng/ul | 99 |
| 87) Chrysene | 21.525 | 228 | 2114575 | 32.211 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.524 | 149 | 1743229 | 37.797 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.558 | 252 | 2367417 | 33.620 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.623 | 252 | 2256148 | 32.167 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.381 | 252 | 2038248 | 31.292 | ng/ul# | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 27.953 | 276 | 2566088 | 32.117 | ng/ul | 94 |
| 95) Dibenzo(a,h)anthracene | 28.000 | 278 | 2141866 | 32.882 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 29.016 | 276 | 1988903 | 32.833 | ng/ul# | 96 |

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

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063415.D
Acq On : 15 Nov 2024 6:41
Operator : RC/JU
Sample : PB164842BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 15 06:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS842

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024