Quantitation Report (Qedit)

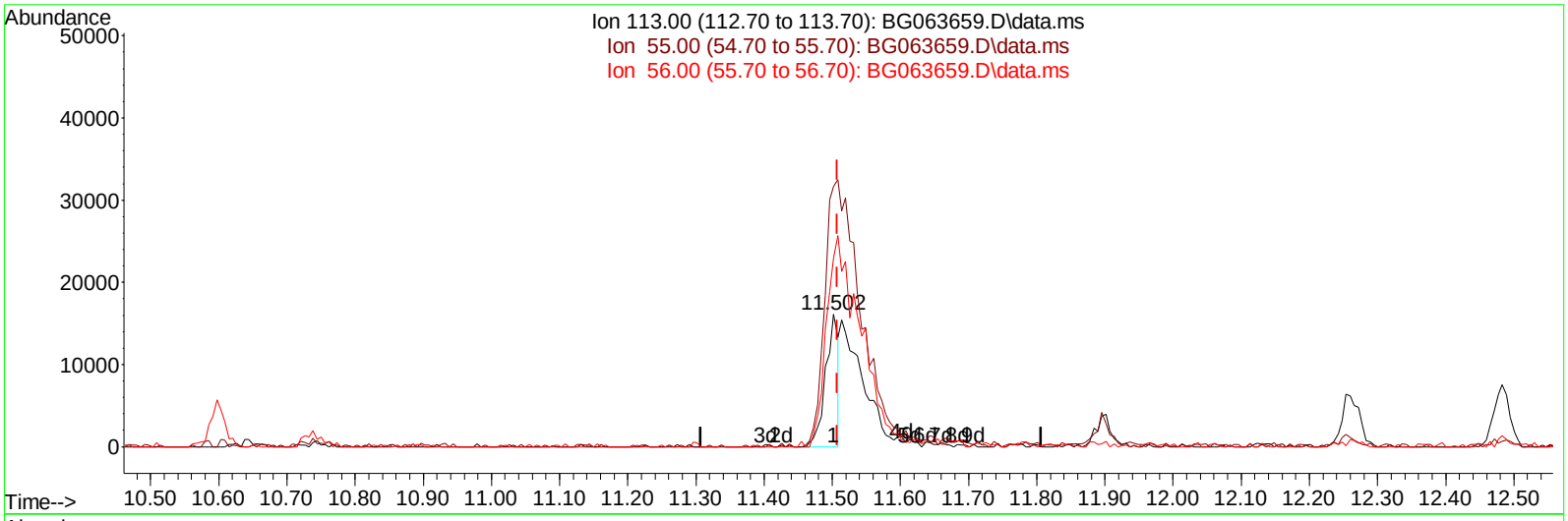
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

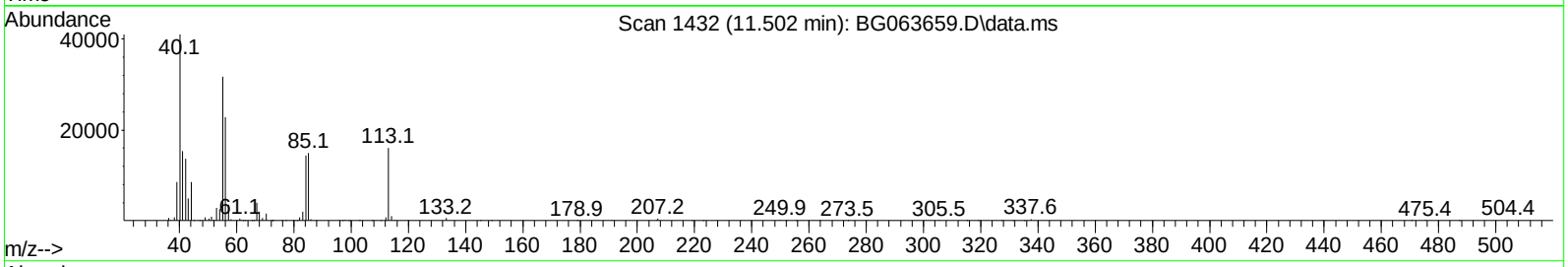
Quant Time: Dec 12 11:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

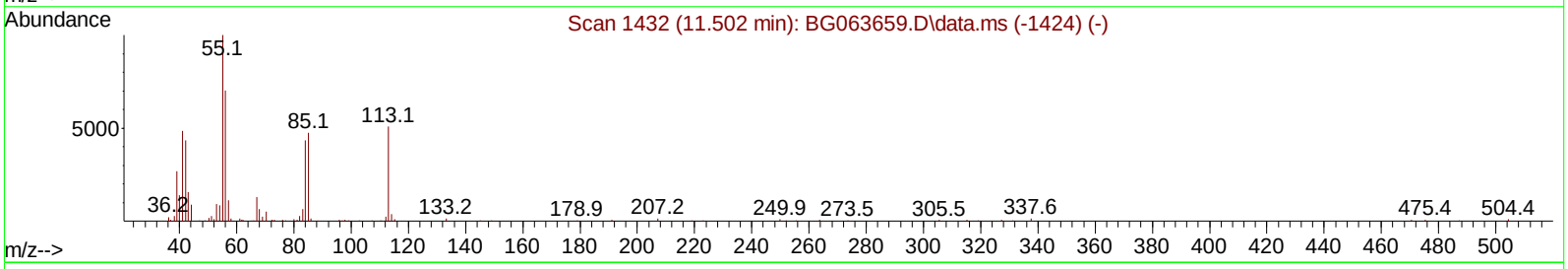
**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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




TIC: BG063659.D\data.ms

**(34) Caprolactam**

**11.502min (-0.006) 7.31 ng/ul**

**response 20548**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 202.90 | 196.47 |
| 56.00 | 133.90 | 142.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

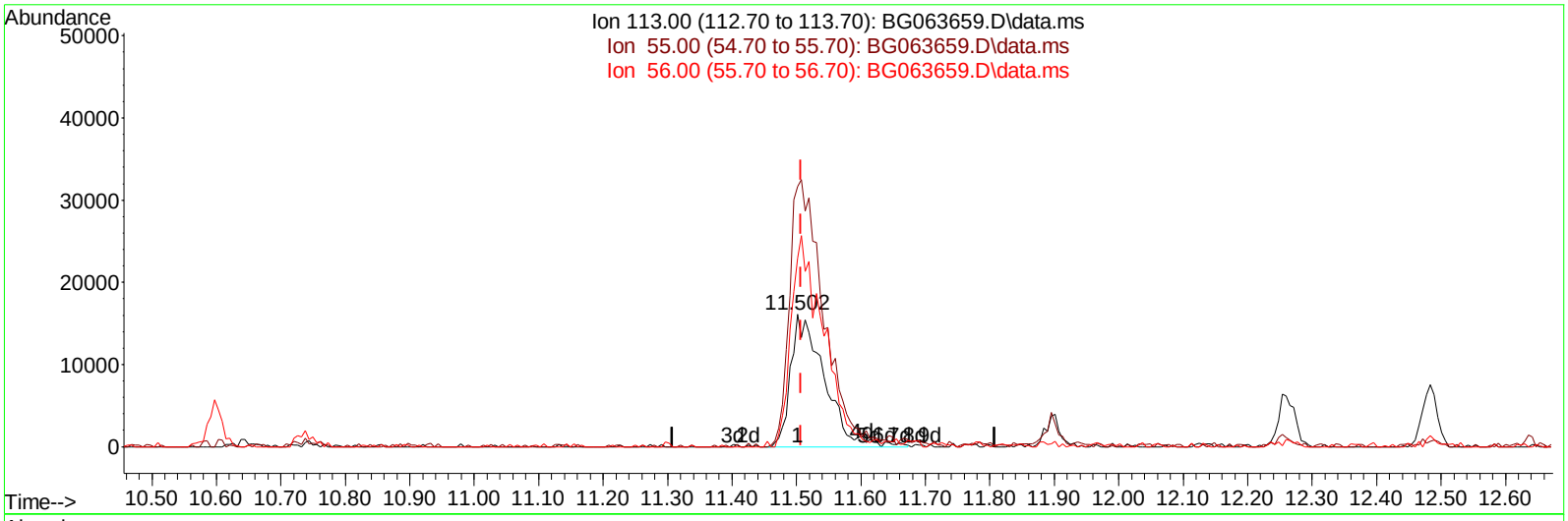
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

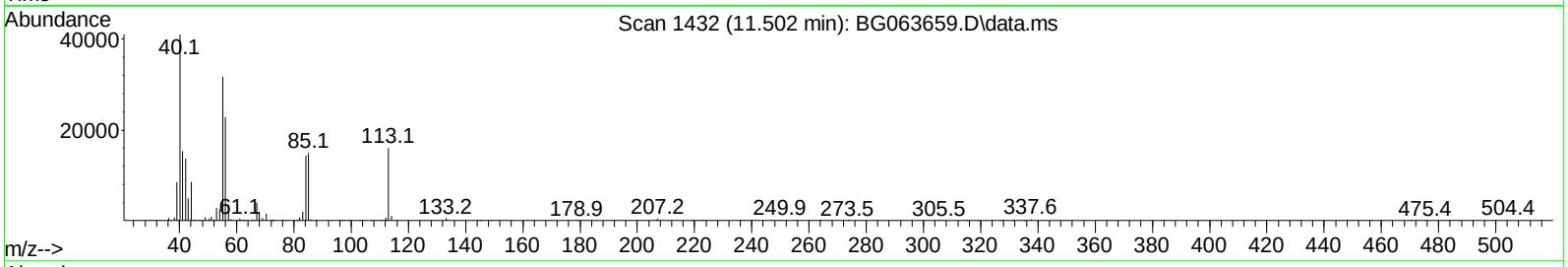
Quant Time: Dec 12 11:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

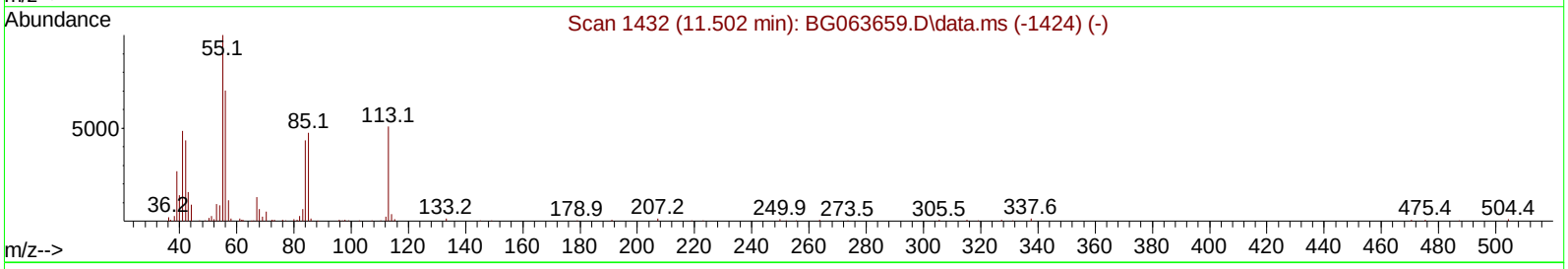
**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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




TIC: BG063659.D\data.ms

**(34) Caprolactam**

**11.502min (-0.006) 20.85 ng/ul m**

**response 58649**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 202.90 | 196.47 |
| 56.00 | 133.90 | 142.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

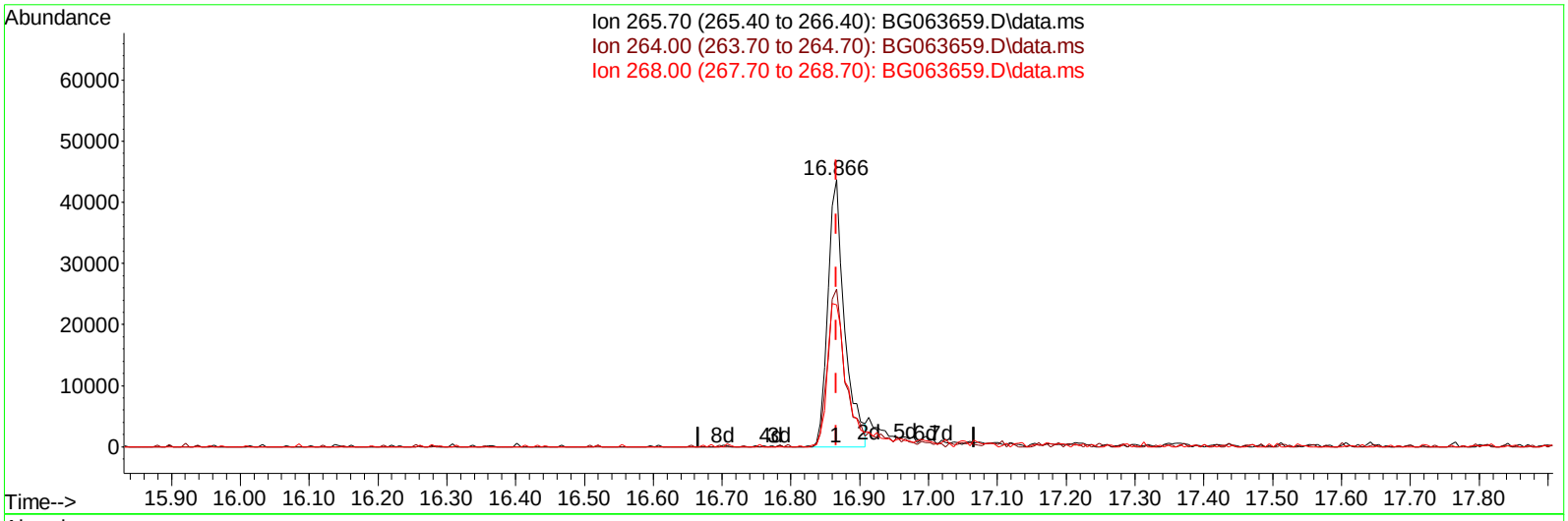
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

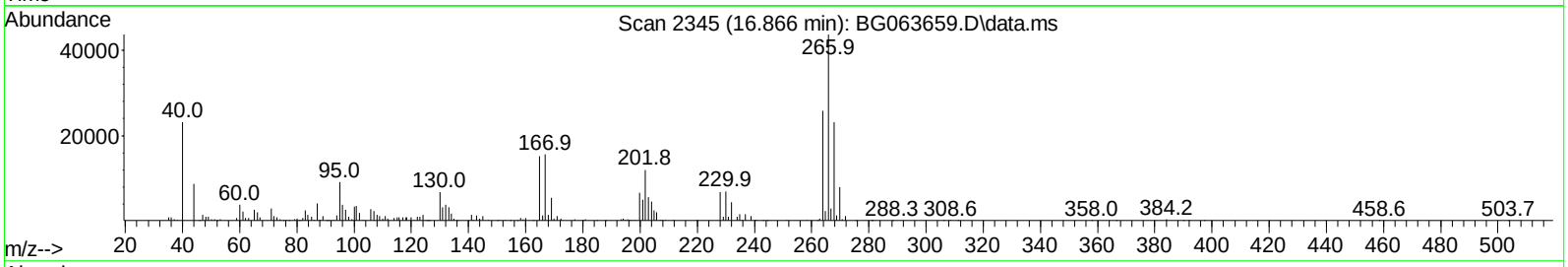
Quant Time: Dec 12 11:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

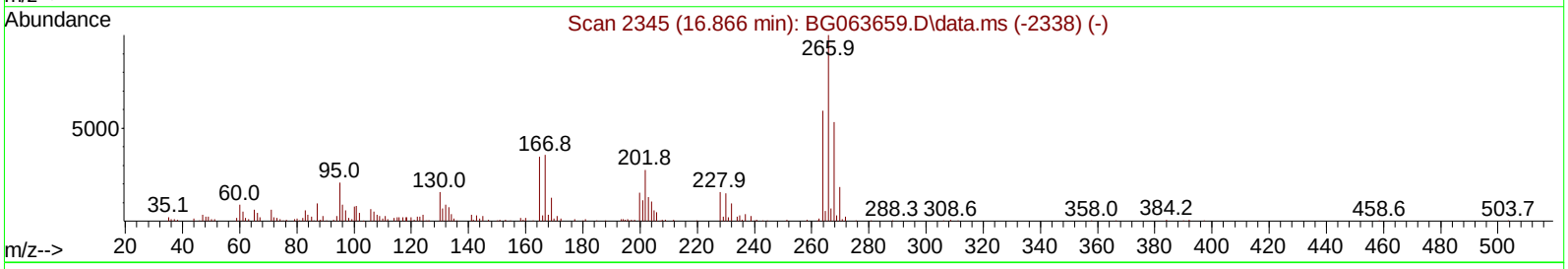
**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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




TIC: BG063659.D\data.ms

**(71) Pentachlorophenol (C)**

**16.866min (+ 0.000) 16.23 ng/ul**

**response 74094**

| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 61.60 | 59.00 |
| 268.00 | 63.10 | 53.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

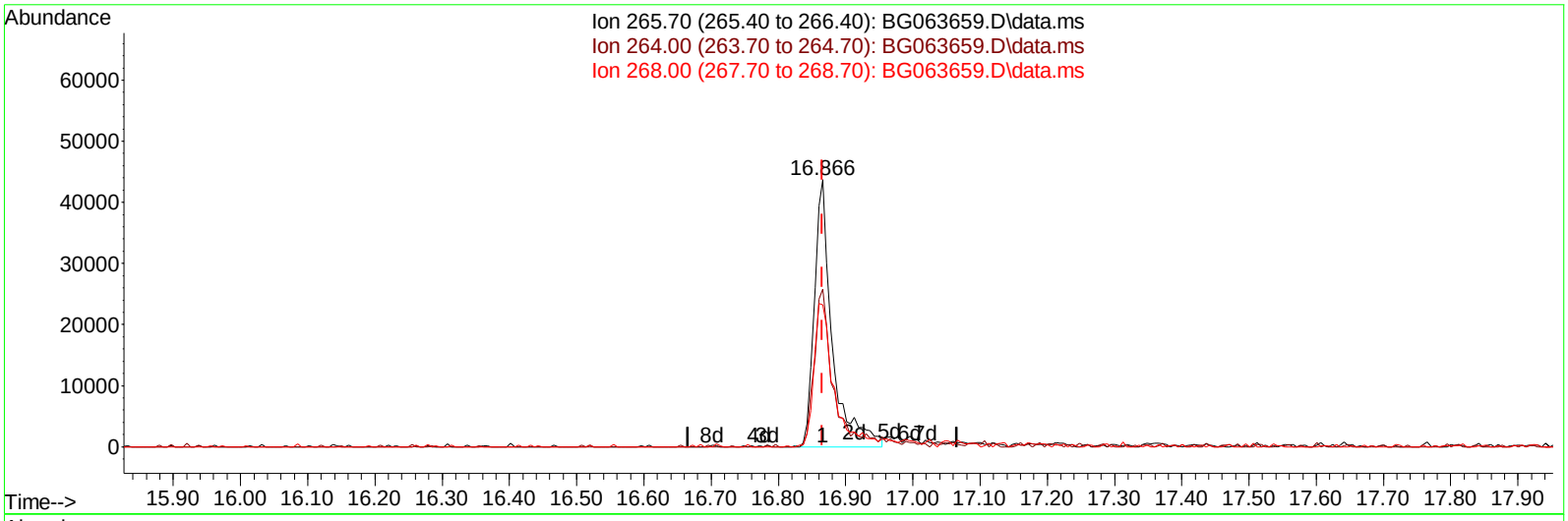
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

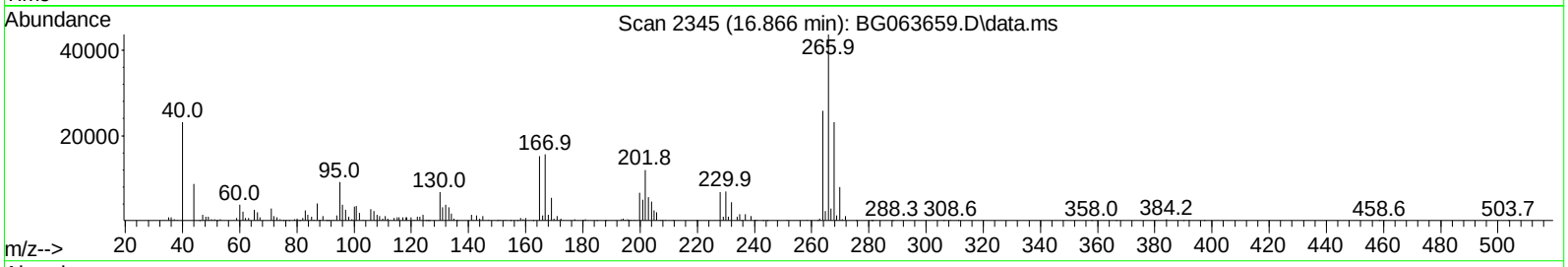
Quant Time: Dec 12 11:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

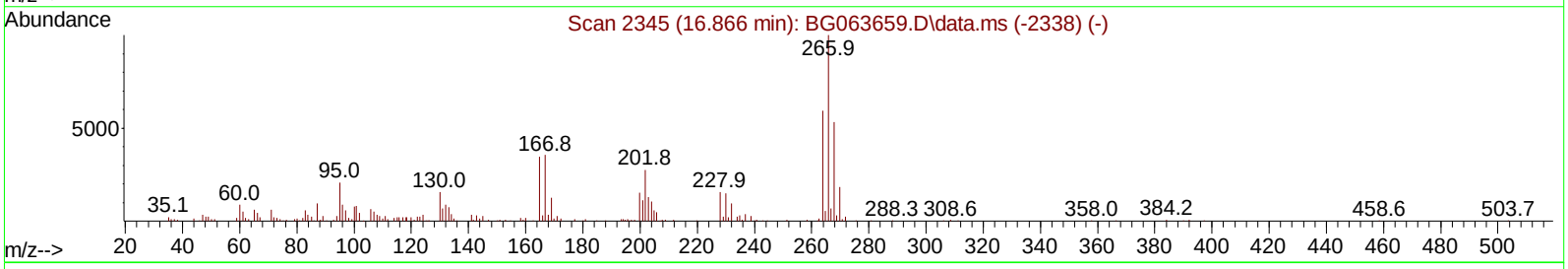
**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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




TIC: BG063659.D\data.ms

**(71) Pentachlorophenol (C)**

**16.866min (+ 0.000) 17.86 ng/ul m**

**response 81562**

| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 61.60 | 59.00 |
| 268.00 | 63.10 | 53.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 11:42:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.806 | 152 | 124622 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.597 | 136 | 528468 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.451 | 164 | 388642 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.201 | 188 | 948562 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.455 | 240 | 915195 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.469 | 264 | 1004293 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.276 | 96 | 29517 | 9.282 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.682 | 84 | 228436 | 22.771 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.984 | 99 | 241393 | 21.032 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.142 | 67 | 166383 | 20.989 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.342 | 132 | 154075 | 20.735 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.517 | 113 | 180258 | 20.229 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.964 | 128 | 75215 | 19.933 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.681 | 143 | 88877 | 21.013 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.227 | 165 | 177440 | 21.668 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.738 | 131 | 212997 | 20.485 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.858 | 166 | 586650 | 22.184 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.140 | 160 | 673708 | 22.348 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.669 | 143 | 71383 | 19.051 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.444 | 176 | 526346 | 22.511 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.579 | 200 | 96751 | 19.645 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.301 | 188 | 916580 | 22.475 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.598 | 212 | 1108292 | 23.272 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.269 | 264 | 1069296 | 22.673 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 34188 | 9.084 | ng/uL | 94 |
| 5) Pyridine | 3.699 | 79 | 241117 | 22.439 | ng/ul | 97 |
| 6) Benzaldehyde | 6.948 | 77 | 174247 | 24.750 | ng/ul | 95 |
| 8) Phenol | 7.013 | 94 | 256450 | 20.965 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.230 | 93 | 194953 | 20.831 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.377 | 128 | 159218 | 21.168 | ng/ul | 93 |
| 13) 2-Methylphenol | 8.259 | 108 | 181605 | 20.541 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.323 | 45 | 288277 | 20.748 | ng/ul | 95 |
| 16) Acetophenone | 8.629 | 105 | 320757 | 21.222 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.611 | 70 | 183454 | 20.342 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.588 | 108 | 205589 | 21.247 | ng/ul | 92 |
| 19) Hexachloroethane | 8.887 | 117 | 76493 | 20.697 | ng/ul | 94 |
| 22) Nitrobenzene | 9.005 | 77 | 273224 | 21.684 | ng/ul | 97 |
| 23) Isophorone | 9.522 | 82 | 508634 | 21.364 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.716 | 139 | 92092 | 21.186 | ng/ul# | 90 |
| 26) 2,4-Dimethylphenol | 9.780 | 107 | 210598 | 21.351 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.010 | 93 | 280886 | 21.813 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.256 | 162 | 177055 | 21.759 | ng/ul | 94 |
| 30) Naphthalene | 10.650 | 128 | 571256 | 21.621 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.756 | 127 | 209187 | 21.145 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.932 | 225 | 148905 | 22.525 | ng/ul | 97 |
| 34) Caprolactam | 11.502 | 113 | 58649m | 20.851 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.896 | 107 | 204433 | 21.400 | ng/ul | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 11:42:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.260 | 142 | 400535 | 21.092 | ng/ul | 96 |
| 37) 1-Methylnaphthalene | 12.483 | 142 | 415461 | 21.479 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.636 | 216 | 270070 | 21.707 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.612 | 237 | 90094 | 18.318 | ng/ul | 92 |
| 41) 2,4,6-Trichlorophenol | 12.883 | 196 | 143366 | 20.388 | ng/ul | 93 |
| 42) 2,4,5-Trichlorophenol | 12.959 | 196 | 152868 | 20.831 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.276 | 154 | 560344 | 21.863 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.317 | 162 | 452143 | 21.968 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.529 | 65 | 145594 | 21.119 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.905 | 163 | 588851 | 22.217 | ng/ul | 97 |
| 48) 2,6-Dinitrotoluene | 14.028 | 165 | 110427 | 22.434 | ng/ul# | 90 |
| 50) Acenaphthylene | 14.169 | 152 | 722159 | 22.341 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.357 | 138 | 99556 | 21.876 | ng/ul | 88 |
| 52) Acenaphthene | 14.510 | 153 | 501847 | 21.904 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.575 | 184 | 39109 | 15.547 | ng/ul | 88 |
| 55) 4-Nitrophenol | 14.686 | 109 | 76971 | 19.783 | ng/ul | 88 |
| 56) Dibenzofuran | 14.851 | 168 | 723861 | 22.410 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.822 | 165 | 168655 | 23.059 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.086 | 232 | 139974 | 22.127 | ng/ul# | 89 |
| 59) Diethylphthalate | 15.274 | 149 | 571375 | 22.300 | ng/ul | 97 |
| 61) Fluorene | 15.503 | 166 | 590214 | 22.884 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.491 | 204 | 317749 | 22.113 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.521 | 138 | 99259 | 21.786 | ng/ul | 92 |
| 66) 4,6-Dinitro-2-methylph... | 15.591 | 198 | 102497 | 20.201 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.709 | 169 | 500341 | 21.782 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.390 | 248 | 210914 | 21.818 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.514 | 284 | 234760 | 21.675 | ng/ul | 96 |
| 70) Atrazine | 16.661 | 200 | 212576 | 21.893 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.866 | 266 | 81562m | 17.860 | ng/ul | |
| 72) Phenanthrene | 17.242 | 178 | 1014178 | 22.187 | ng/ul | 99 |
| 74) Anthracene | 17.336 | 178 | 1040760 | 22.495 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.247 | 216 | 271567 | 21.458 | ng/ul | 97 |
| 76) Pentachlorobenzene | 14.775 | 250 | 263786 | 21.039 | ng/ul | 97 |
| 77) Carbazole | 17.607 | 167 | 890944 | 23.790 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.171 | 149 | 975568 | 21.570 | ng/ul | 99 |
| 80) Fluoranthene | 19.263 | 202 | 1272204 | 23.503 | ng/ul | 99 |
| 82) Pyrene | 19.628 | 202 | 1377146 | 23.913 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.527 | 149 | 366706 | 20.743 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.355 | 252 | 363798 | 22.020 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.437 | 228 | 1285809 | 22.418 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.349 | 149 | 538848 | 20.954 | ng/ul | 97 |
| 87) Chrysene | 21.496 | 228 | 1225027 | 22.409 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.483 | 149 | 973299 | 22.453 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.517 | 252 | 1267529 | 22.206 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.582 | 252 | 1321907 | 23.217 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.328 | 252 | 1234831 | 23.048 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.877 | 276 | 1490688 | 22.783 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.918 | 278 | 1175703 | 22.457 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 28.929 | 276 | 1140659 | 21.970 | ng/ul | 96 |

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

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063659.D
Acq On : 12 Dec 2024 9:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 11:42:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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