Quantitation Report (Qedit)

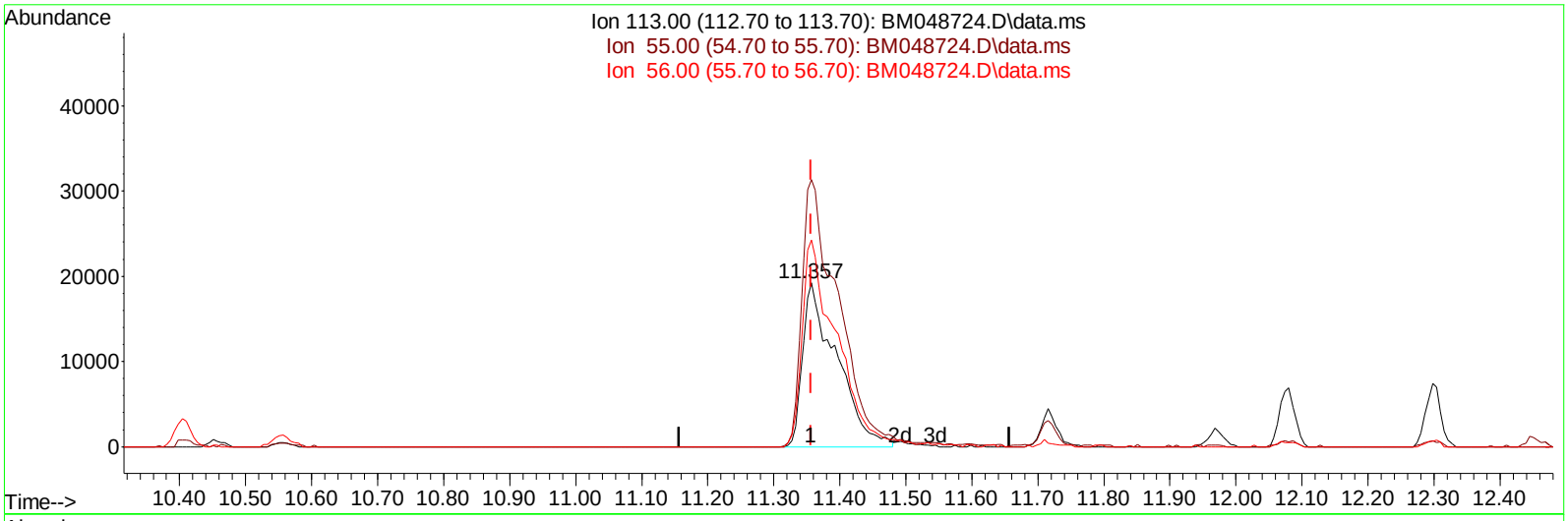
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048724.D
Acq On : 16 Nov 2024 01:05
Operator : RC/JU
Sample : PB164821BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

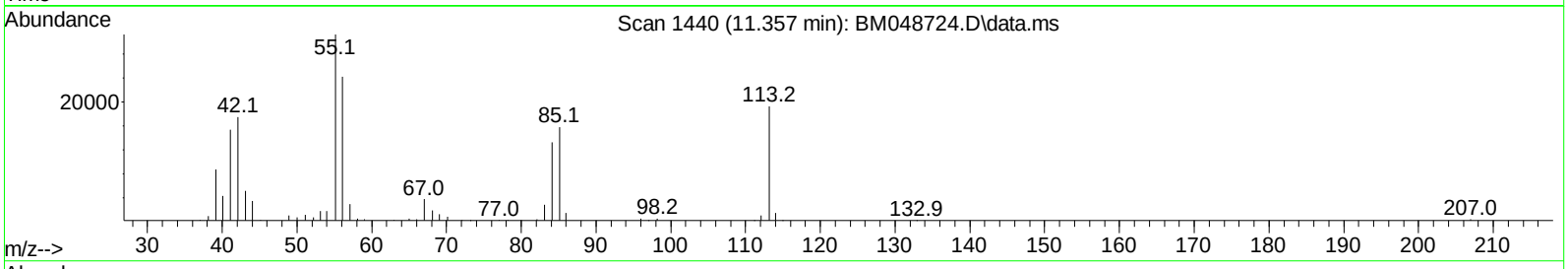
Quant Time: Nov 16 01:49:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

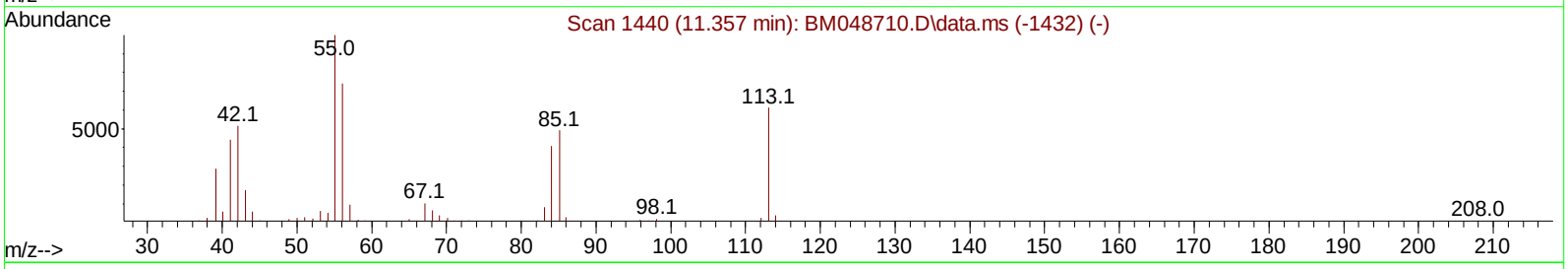
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

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




TIC: BM048724.D\data.ms

**(34) Caprolactam**

**11.357min (-0.000) 29.41 ng/ul**

**response 68924**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 173.10 | 162.68 |
| 56.00 | 130.10 | 125.94 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

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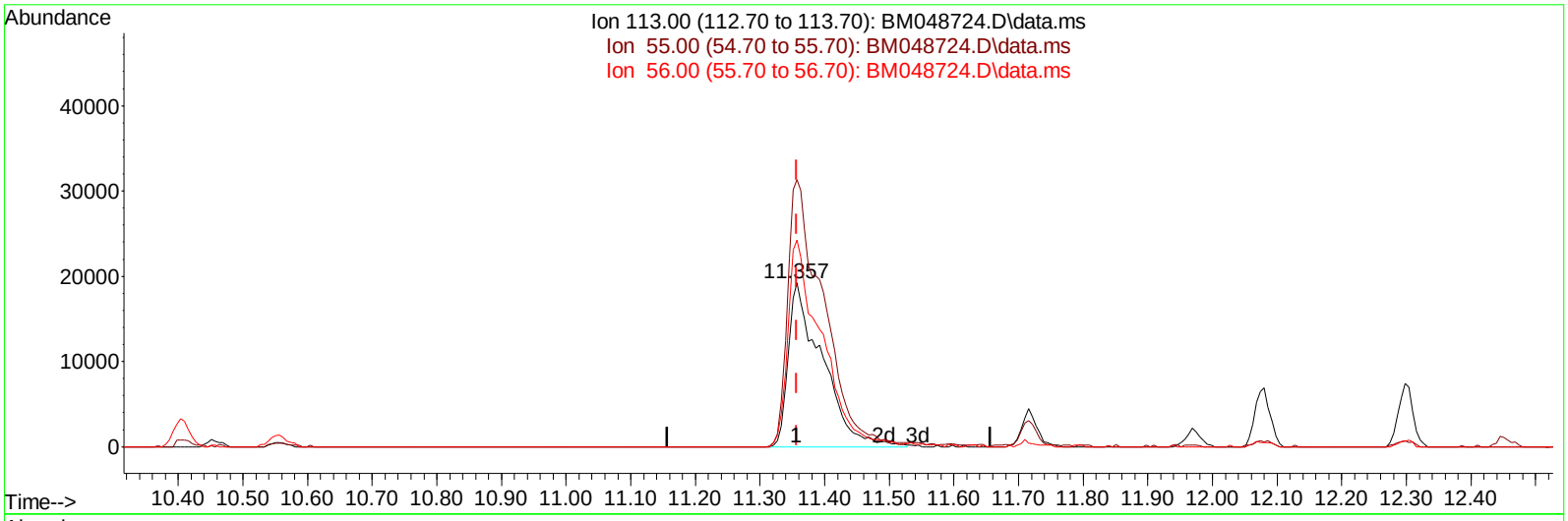


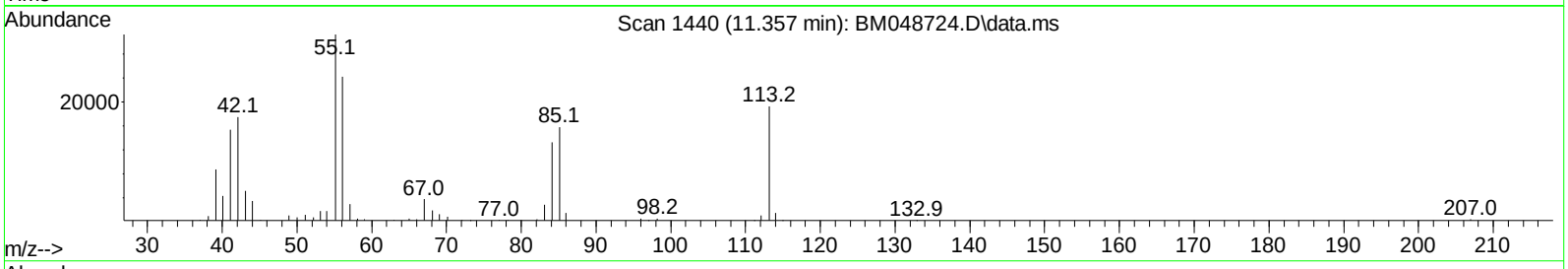


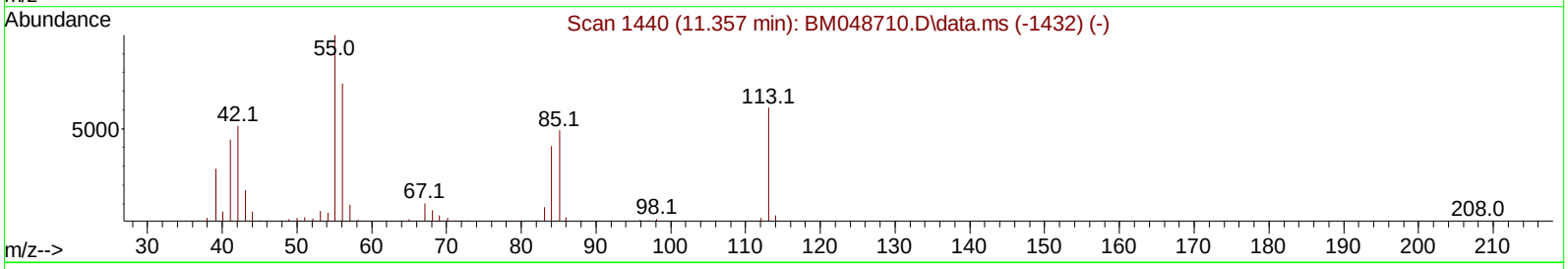


TIC: BM048724.D\data.ms

**(34) Caprolactam**

**11.357min (-0.000) 29.89 ng/ul m**

**response 70032**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 173.10 | 162.68 |
| 56.00 | 130.10 | 125.94 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/18/2024
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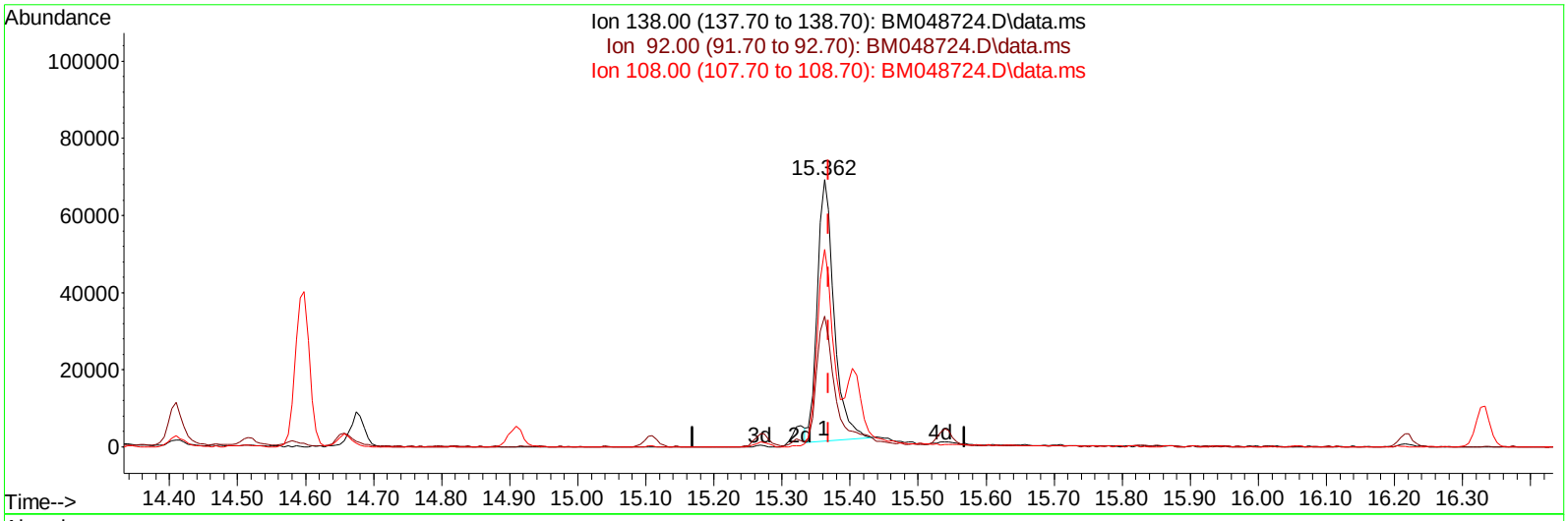


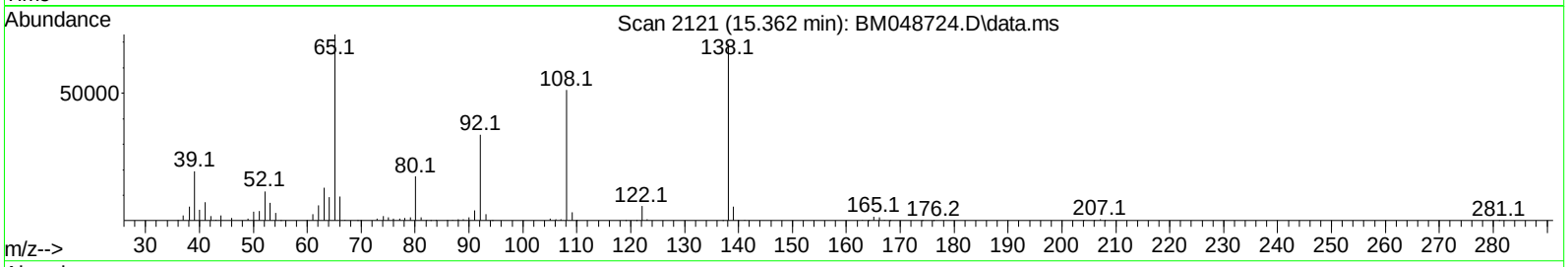


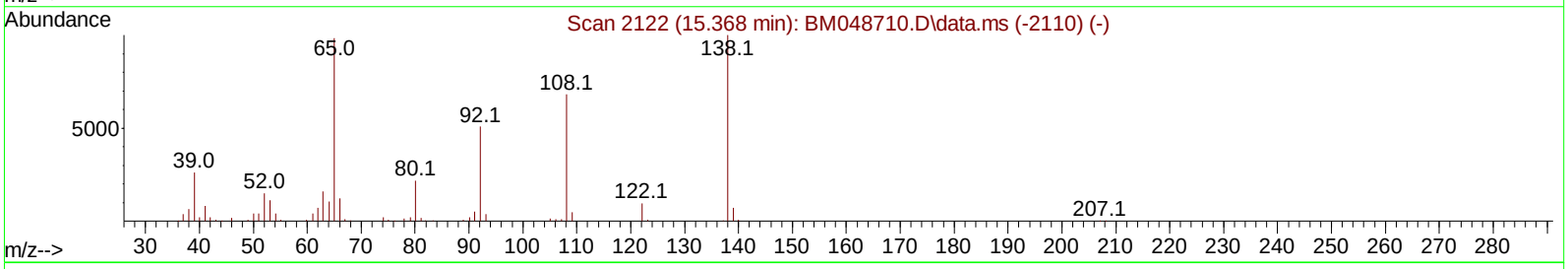


TIC: BM048724.D\data.ms

**(63) 4-Nitroaniline**

**15.362min (-0.006) 28.66 ng/ul**

**response 116762**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.60 | 48.87 |
| 108.00 | 73.10 | 73.87 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Time: Nov 16 01:49:40 2024
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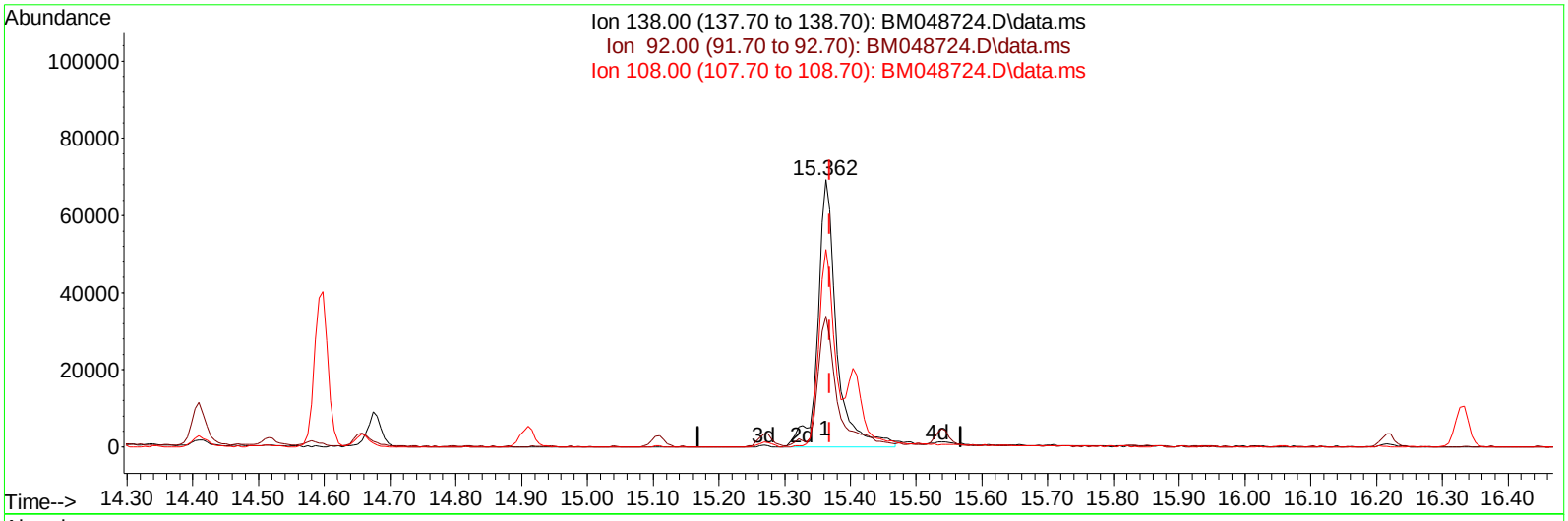
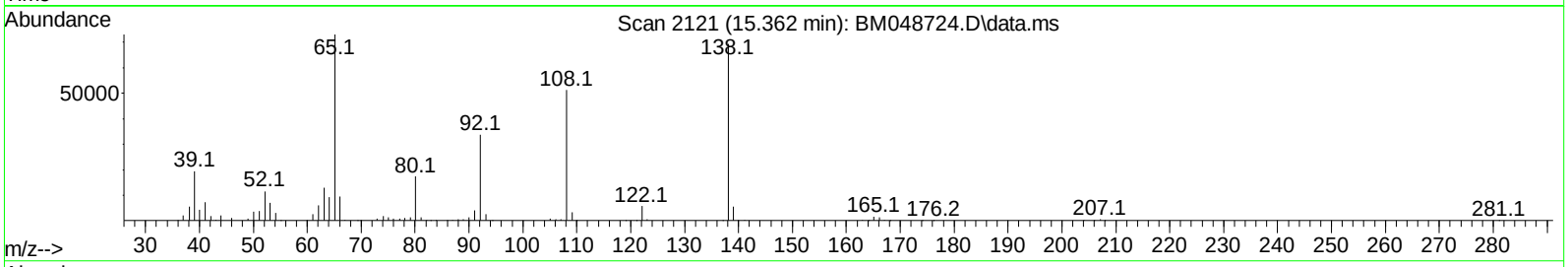
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

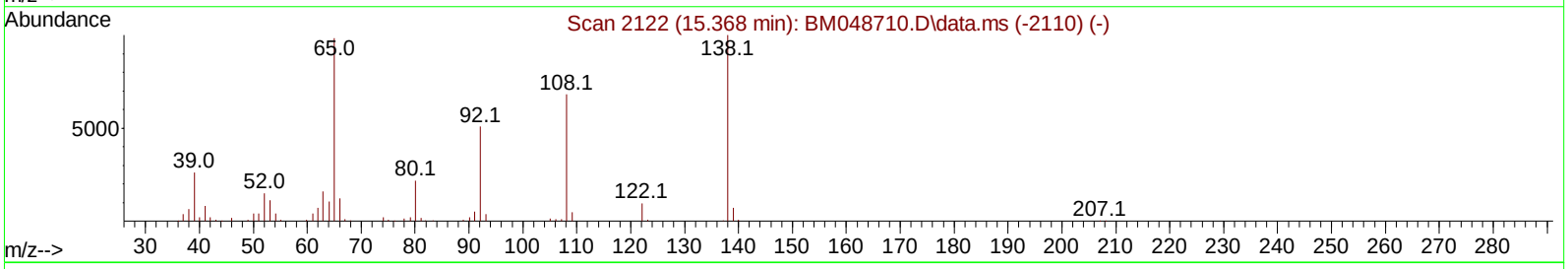
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

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




TIC: BM048724.D\data.ms

**(63) 4-Nitroaniline**

**15.362min (-0.006) 33.93 ng/ul m**

**response 138262**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.60 | 48.87 |
| 108.00 | 73.10 | 73.87 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048724.D
Acq On : 16 Nov 2024 01:05
Operator : RC/JU
Sample : PB164821BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 01:50:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.622 | 152 | 128003 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.404 | 136 | 511781 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.274 | 164 | 311717 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.021 | 188 | 630282 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.250 | 240 | 619911 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.132 | 264 | 720076 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.081 | 96 | 18776 | 5.848 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.498 | 84 | 256448 | 28.981 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.804 | 99 | 298855 | 30.670 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.957 | 67 | 176282 | 30.120 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.157 | 132 | 253632 | 31.423 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.339 | 113 | 231092 | 30.162 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.781 | 128 | 117761 | 31.747 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.498 | 143 | 125710 | 31.862 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.039 | 165 | 232594 | 31.734 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 275522 | 26.465 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.692 | 166 | 638036 | 32.065 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 737714 | 31.445 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.504 | 143 | 117514 | 31.796 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.268 | 176 | 548410 | 31.573 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 200 | 108658 | 34.269 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.121 | 188 | 838261 | 31.429 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.421 | 212 | 1000168 | 32.149 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.938 | 264 | 1076549 | 31.998 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.116 | 88 | 38536 | 10.936 | ng/uL | 97 |
| 5) Pyridine | 3.516 | 79 | 260246 | 28.650 | ng/ul | 98 |
| 6) Benzaldehyde | 6.775 | 77 | 15614 | 3.243 | ng/ul | 94 |
| 8) Phenol | 6.834 | 94 | 308855 | 30.210 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.051 | 93 | 237853 | 29.605 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.186 | 128 | 256243 | 30.643 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.075 | 108 | 227122 | 30.011 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.139 | 45 | 360361 | 30.500 | ng/ul | 99 |
| 16) Acetophenone | 8.445 | 105 | 353450 | 29.595 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.433 | 70 | 175324 | 31.237 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.404 | 108 | 249265 | 30.081 | ng/ul | 100 |
| 19) Hexachloroethane | 8.686 | 117 | 107260 | 30.353 | ng/ul | 92 |
| 22) Nitrobenzene | 8.822 | 77 | 263794 | 31.365 | ng/ul | 97 |
| 23) Isophorone | 9.345 | 82 | 479024 | 30.791 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.533 | 139 | 134010 | 31.167 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.598 | 107 | 210297 | 26.185 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.828 | 93 | 302717 | 31.173 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.069 | 162 | 230929 | 31.061 | ng/ul | 96 |
| 30) Naphthalene | 10.457 | 128 | 781702 | 30.177 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.580 | 127 | 144922 | 14.763 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.739 | 225 | 149166 | 29.648 | ng/ul | 98 |
| 34) Caprolactam | 11.357 | 113 | 70032m | 29.887 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.716 | 107 | 228697 | 31.789 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

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Misc :
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Quant Time: Nov 16 01:50:38 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS821

**Manual IntegrationsAPPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.080 | 142 | 511290 | 30.848 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.298 | 142 | 505684 | 29.730 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.451 | 216 | 269343 | 30.153 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.427 | 237 | 112472 | 24.633 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.704 | 196 | 176006 | 31.194 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.780 | 196 | 191186 | 31.818 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.104 | 154 | 655488 | 30.754 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.145 | 162 | 517653 | 30.778 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.363 | 65 | 138194 | 32.719 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.739 | 163 | 625305 | 31.284 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.863 | 165 | 126867 | 33.294 | ng/ul | 93 |
| 50) Acenaphthylene | 13.992 | 152 | 792611 | 30.651 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.192 | 138 | 121801 | 29.435 | ng/ul | 99 |
| 52) Acenaphthene | 14.339 | 153 | 557983 | 30.649 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.410 | 184 | 68993 | 33.675 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.515 | 109 | 83896 | 31.399 | ng/ul | 100 |
| 56) Dibenzofuran | 14.674 | 168 | 772228 | 30.748 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 186835 | 33.732 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.910 | 232 | 156619 | 31.335 | ng/ul | 98 |
| 59) Diethylphthalate | 15.110 | 149 | 638695 | 32.432 | ng/ul | 100 |
| 61) Fluorene | 15.327 | 166 | 613626 | 30.861 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.321 | 204 | 299830 | 30.607 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.362 | 138 | 138262m | 33.932 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.421 | 198 | 114633 | 33.223 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.539 | 169 | 511835 | 30.812 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.215 | 248 | 182552 | 30.711 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.333 | 284 | 221436 | 30.866 | ng/ul | 98 |
| 70) Atrazine | 16.498 | 200 | 176817 | 29.246 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.680 | 266 | 140691 | 30.857 | ng/ul | 98 |
| 72) Phenanthrene | 17.062 | 178 | 976317 | 31.233 | ng/ul | 99 |
| 74) Anthracene | 17.156 | 178 | 967513 | 30.840 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.068 | 216 | 261149 | 29.045 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.598 | 250 | 256482 | 29.278 | ng/uL | 100 |
| 77) Carbazole | 17.433 | 167 | 895658 | 31.697 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.998 | 149 | 1110810 | 33.436 | ng/ul | 99 |
| 80) Fluoranthene | 19.086 | 202 | 1142580 | 31.652 | ng/ul | 99 |
| 82) Pyrene | 19.450 | 202 | 1231506 | 31.463 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.356 | 149 | 506680 | 33.700 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.162 | 252 | 346774 | 30.788 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.233 | 228 | 1230849 | 31.497 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.162 | 149 | 742578 | 33.856 | ng/ul | 99 |
| 87) Chrysene | 21.291 | 228 | 1165661 | 31.041 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.250 | 149 | 1288988 | 31.754 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.227 | 252 | 1271755 | 32.083 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.285 | 252 | 1252350 | 31.687 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.997 | 252 | 1182759 | 31.736 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.373 | 276 | 1526141 | 31.511 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 27.420 | 278 | 1249671 | 31.590 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 28.379 | 276 | 1202770 | 31.672 | ng/ul | 98 |

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

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