Quantitation Report (Qedit)

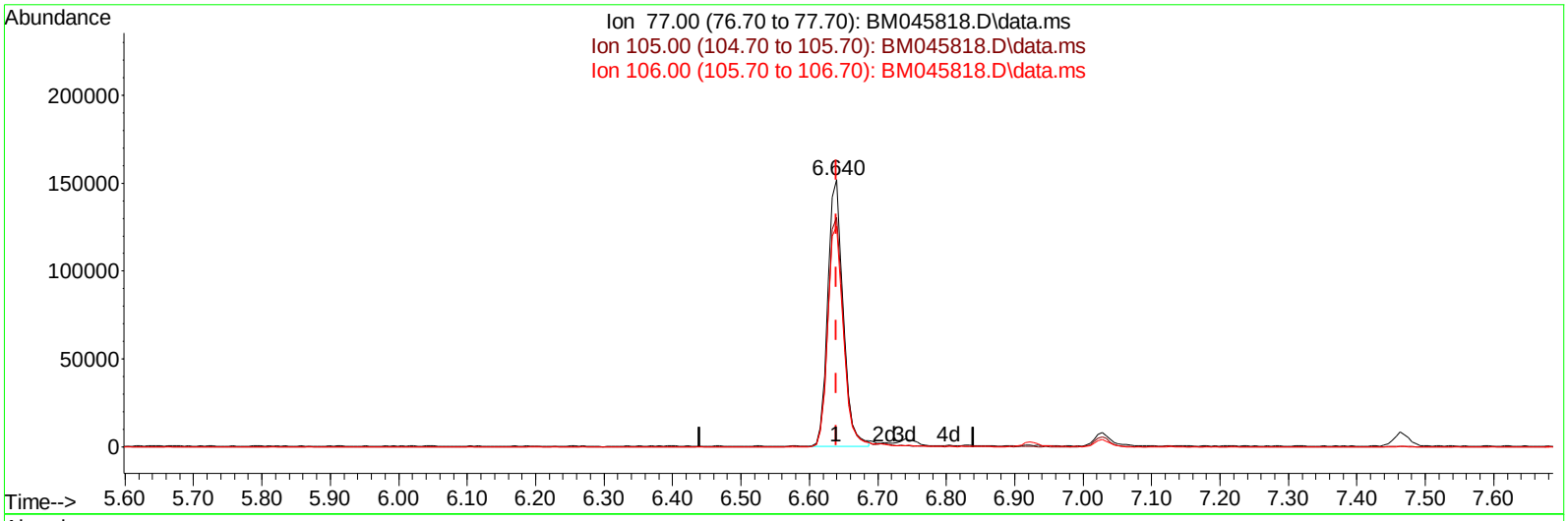
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045818.D
Acq On : 04 Jun 2024 15:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

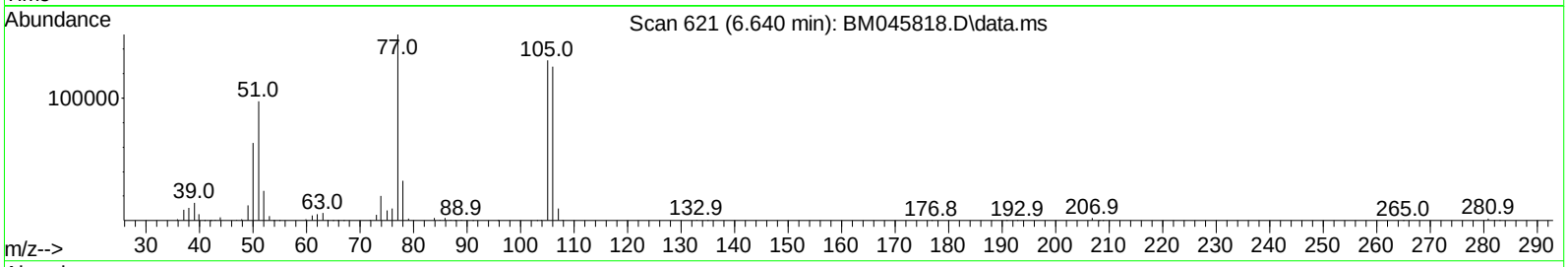
Quant Time: Jun 04 16:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

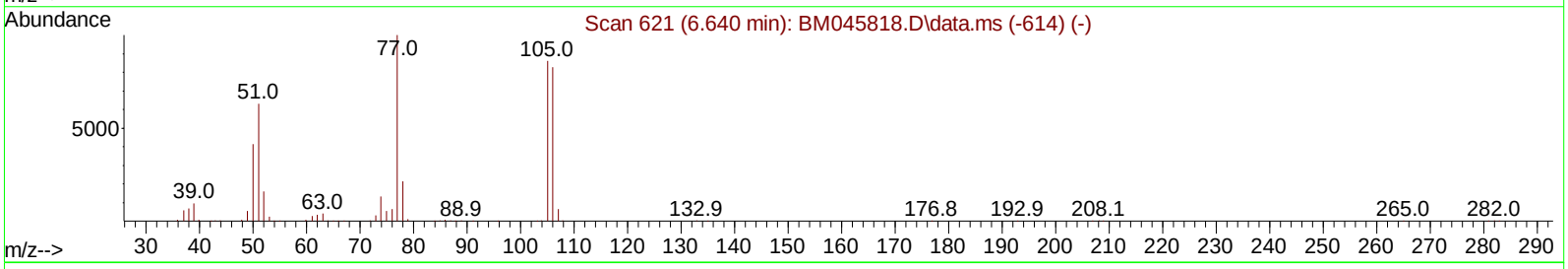
**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024




TIC: BM045818.D\data.ms

**(6) Benzaldehyde**

**6.640min (-0.000) 23.41 ng/ul**

**response 236352**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 90.90 | 86.05 |
| 106.00 | 88.50 | 82.62 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Fri May 31 13:01:11 2024
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**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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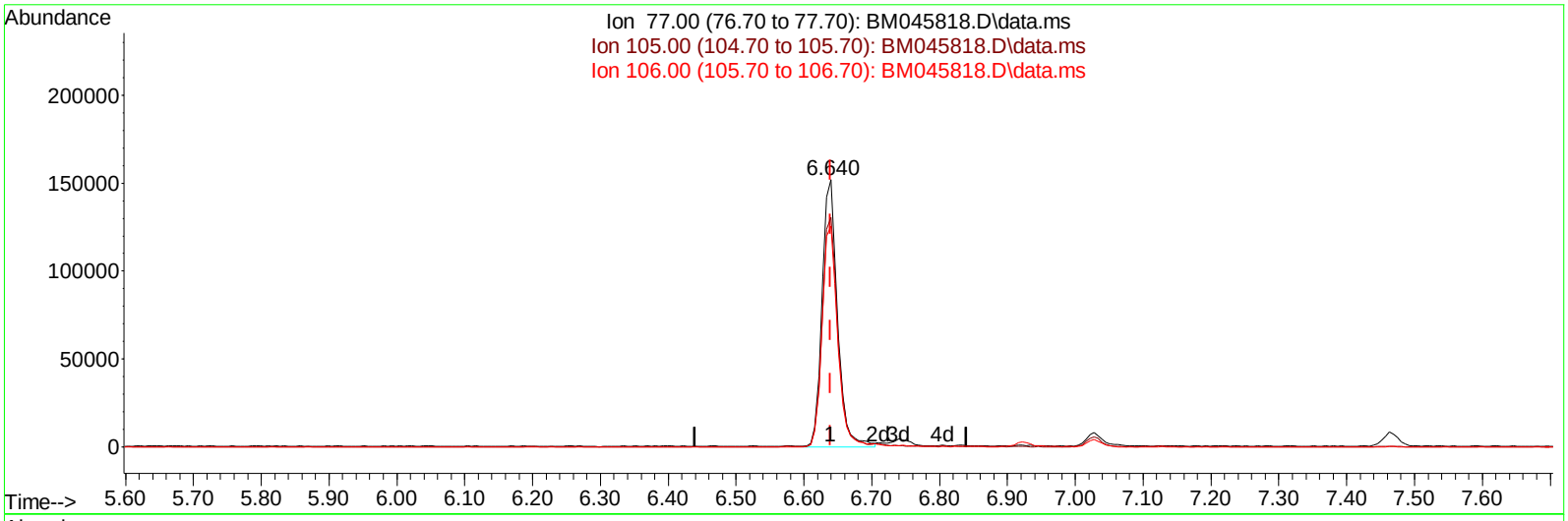
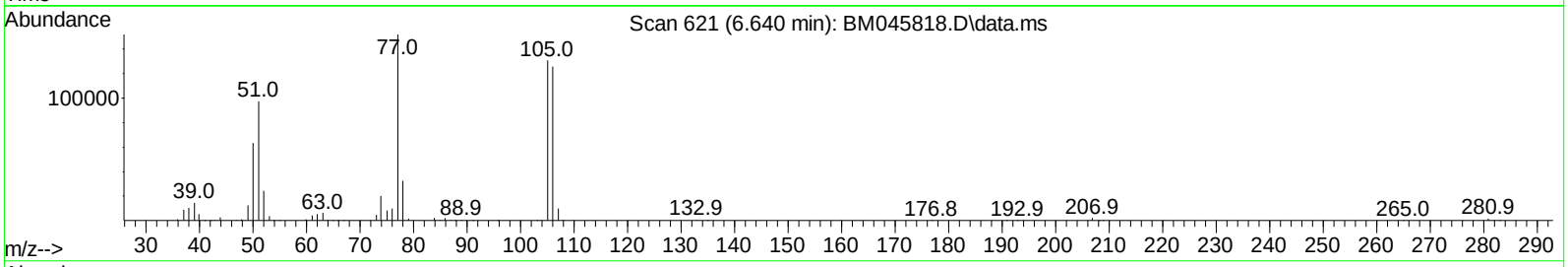
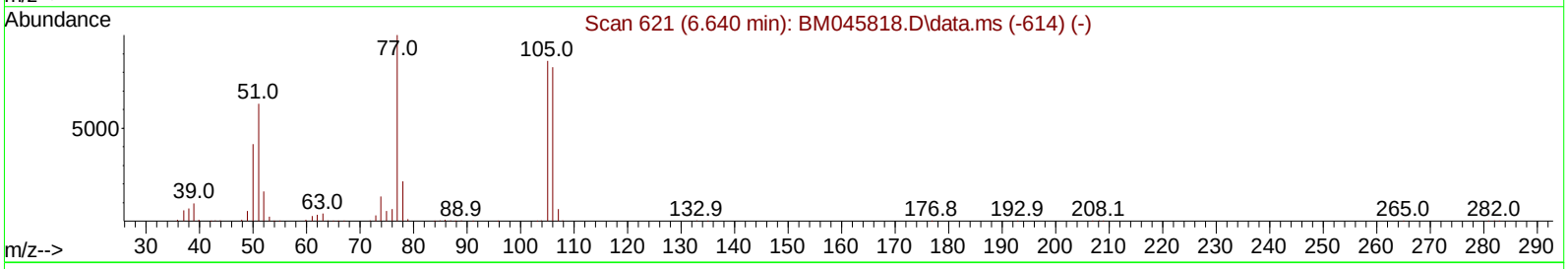
Supervised By :mohammad ahmed 06/07/2024




TIC: BM045818.D\data.ms

**(6) Benzaldehyde**

**6.640min (-0.000) 23.80 ng/ul m**

**response 240322**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 90.90 | 86.05 |
| 106.00 | 88.50 | 82.62 |
| 0.00 | 0.00 | 0.00 |

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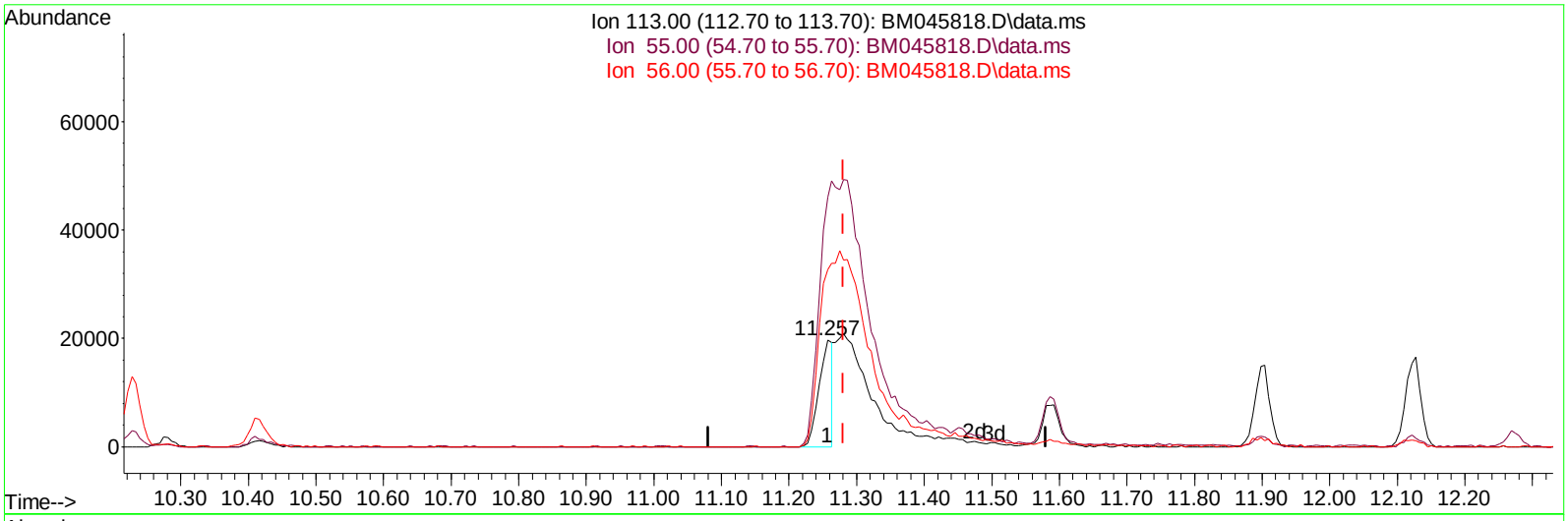
Acq On : 04 Jun 2024 15:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

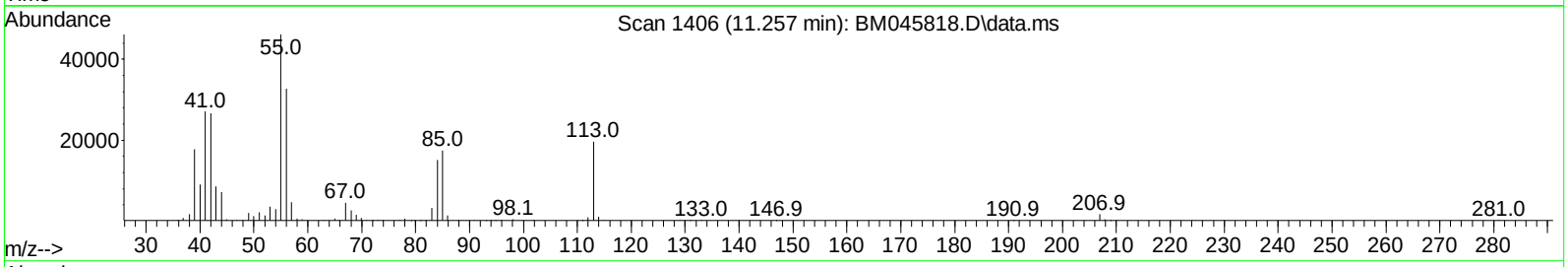
Quant Time: Jun 04 16:39:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

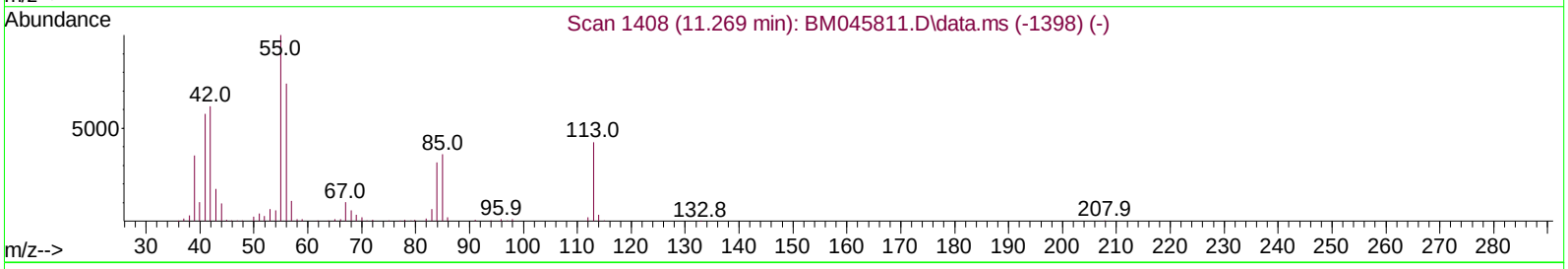
**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024




TIC: BM045818.D\data.ms

**(34) Caprolactam**

**11.257min (-0.024) 6.00 ng/ul**

**response 27362**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 224.40 | 234.64 |
| 56.00 | 162.60 | 166.50 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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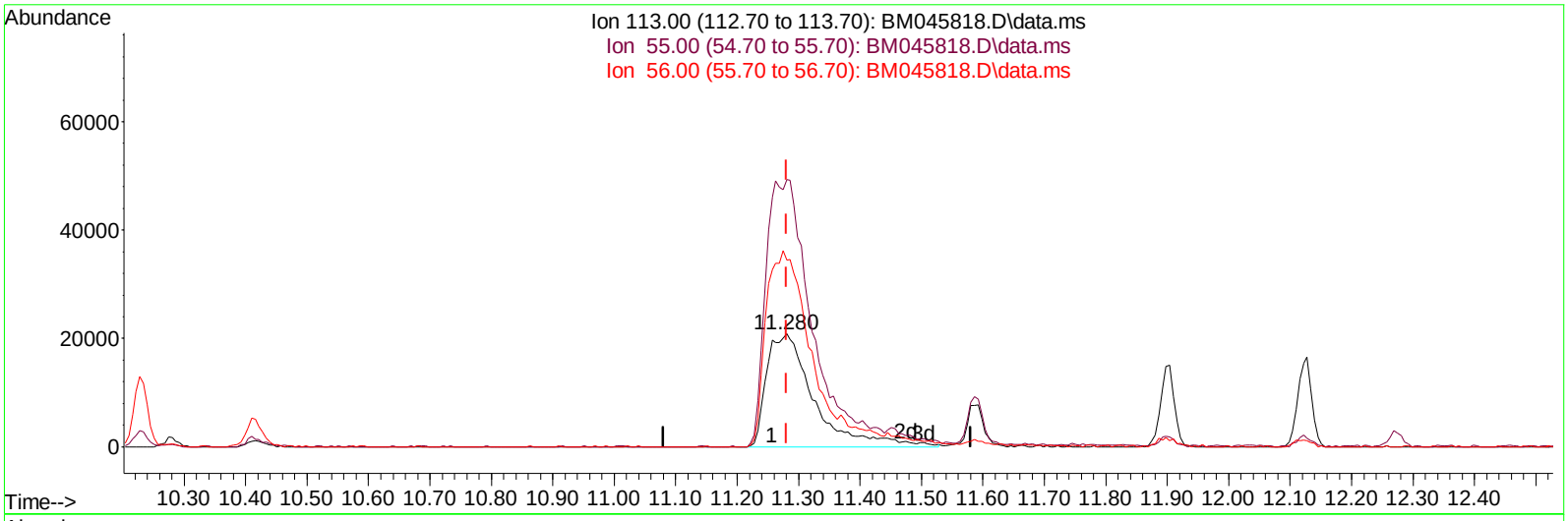
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

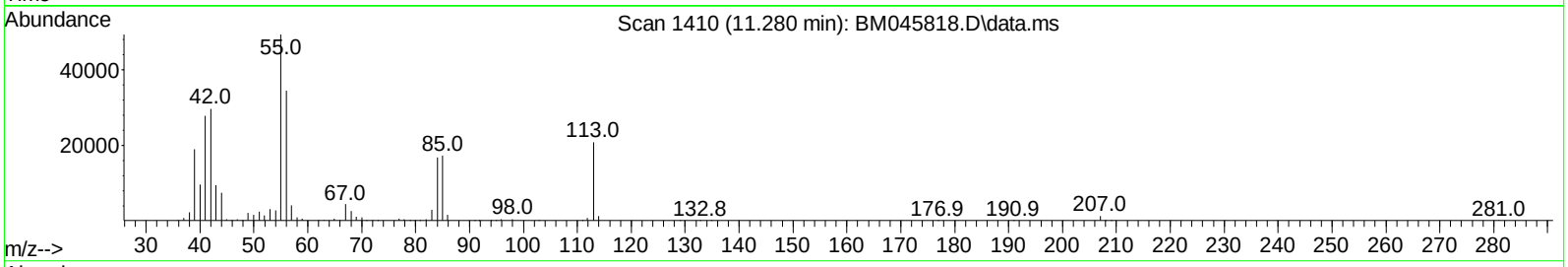
Quant Time: Jun 04 16:39:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

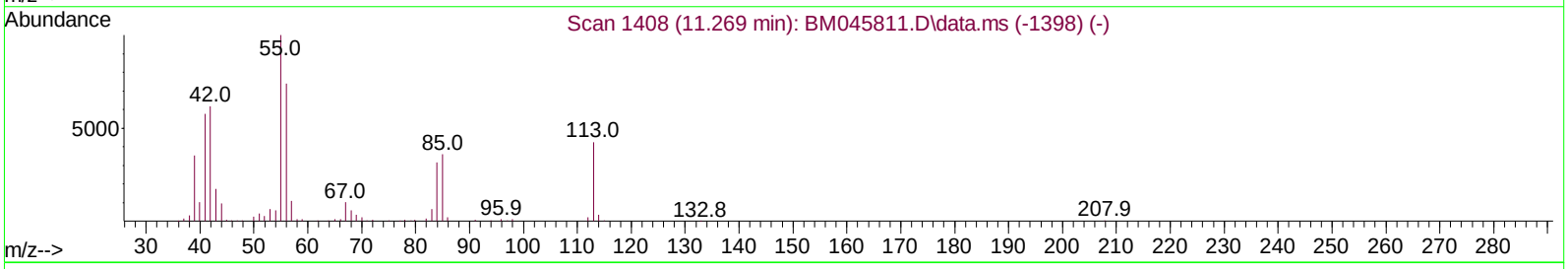
**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024




TIC: BM045818.D\data.ms

**(34) Caprolactam**

**11.280min (-0.000) 24.32 ng/ul m**

**response 110872**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 224.40 | 236.43 |
| 56.00 | 162.60 | 165.22 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045818.D
Acq On : 04 Jun 2024 15:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 00:12:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.463 | 152 | 252726 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.228 | 136 | 1095002 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.104 | 164 | 723633 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.851 | 188 | 1477114 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.068 | 240 | 1145092 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.791 | 264 | 1043509 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.052 | 96 | 52328 | 8.028 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.463 | 84 | 347012 | 20.675 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.716 | 99 | 458566 | 21.359 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.828 | 67 | 344593 | 22.352 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.028 | 132 | 342686 | 21.368 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.234 | 113 | 363293 | 22.397 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.628 | 128 | 179244 | 20.936 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.339 | 143 | 185379 | 21.394 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.886 | 165 | 351135 | 21.610 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.416 | 131 | 496815 | 22.092 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.557 | 166 | 1090528 | 21.768 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.798 | 160 | 1229348 | 21.132 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.404 | 143 | 238691 | 22.077 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.104 | 176 | 926392 | 21.676 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.245 | 200 | 148105 | 19.635 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.951 | 188 | 1377510 | 21.452 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.251 | 212 | 1531363 | 21.504 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.603 | 264 | 1065994 | 21.857 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.081 | 88 | 58680 | 8.133 | ng/uL | 96 |
| 5) Pyridine | 3.481 | 79 | 358495 | 20.798 | ng/ul | 98 |
| 6) Benzaldehyde | 6.640 | 77 | 240322m | 23.798 | ng/ul | |
| 8) Phenol | 6.745 | 94 | 481997 | 21.647 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 6.922 | 93 | 403904 | 21.732 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.057 | 128 | 363794 | 21.532 | ng/ul | 98 |
| 13) 2-Methylphenol | 7.963 | 108 | 353476 | 21.680 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.004 | 45 | 853572 | 23.318 | ng/ul | 99 |
| 16) Acetophenone | 8.298 | 105 | 618330 | 22.873 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.292 | 70 | 361237 | 24.182 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.292 | 108 | 390503 | 23.146 | ng/ul | 100 |
| 19) Hexachloroethane | 8.534 | 117 | 173894 | 21.429 | ng/ul | 98 |
| 22) Nitrobenzene | 8.669 | 77 | 529539 | 22.100 | ng/ul | 99 |
| 23) Isophorone | 9.198 | 82 | 974423 | 23.016 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.369 | 139 | 201989 | 21.325 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.475 | 107 | 425833 | 22.161 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 9.681 | 93 | 566580 | 22.043 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 9.910 | 162 | 351333 | 21.702 | ng/ul | 97 |
| 30) Naphthalene | 10.281 | 128 | 1246886 | 21.354 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.439 | 127 | 484676 | 22.049 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.575 | 225 | 225412 | 20.326 | ng/ul | 97 |
| 34) Caprolactam | 11.280 | 113 | 110872m | 24.317 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.586 | 107 | 409596 | 23.321 | ng/ul | 98 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 00:12:00 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

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

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 11.898 | 142 | 849919 | 21.978 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.122 | 142 | 859548 | 22.232 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.275 | 216 | 425687 | 19.642 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.269 | 237 | 237548 | 18.060 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.545 | 196 | 263667 | 20.911 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.633 | 196 | 290145 | 21.205 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 12.939 | 154 | 1105597 | 20.593 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 12.969 | 162 | 854018 | 20.299 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.216 | 65 | 329119 | 22.909 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.604 | 163 | 1110848 | 21.838 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.710 | 165 | 215234 | 21.994 | ng/ul | 90 |
| 50) Acenaphthylene | 13.827 | 152 | 1437065 | 21.344 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.057 | 138 | 196465 | 21.864 | ng/ul | 98 |
| 52) Acenaphthene | 14.174 | 153 | 956809 | 21.296 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.245 | 184 | 109368 | 24.545 | ng/ul | 91 |
| 55) 4-Nitrophenol | 14.416 | 109 | 205667 | 23.057 | ng/ul | 94 |
| 56) Dibenzofuran | 14.510 | 168 | 1308569 | 21.597 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.498 | 165 | 318573 | 23.530 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.757 | 232 | 240691 | 23.281 | ng/ul | 92 |
| 59) Diethylphthalate | 14.974 | 149 | 1169890 | 22.968 | ng/ul | 99 |
| 61) Fluorene | 15.163 | 166 | 1097741 | 22.486 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.168 | 204 | 520121 | 21.465 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.233 | 138 | 176189 | 23.613 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.257 | 198 | 161954 | 19.563 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.386 | 169 | 883223 | 21.100 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.063 | 248 | 320885 | 20.836 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.162 | 284 | 348361 | 20.454 | ng/ul | 99 |
| 70) Atrazine | 16.362 | 200 | 257852 | 20.322 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.527 | 266 | 173200 | 20.042 | ng/ul | 99 |
| 72) Phenanthrene | 16.898 | 178 | 1657186 | 21.292 | ng/ul | 99 |
| 74) Anthracene | 16.986 | 178 | 1680165 | 21.612 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 12.892 | 216 | 420457 | 18.354 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.427 | 250 | 419118 | 19.561 | ng/uL | 96 |
| 77) Carbazole | 17.274 | 167 | 1506849 | 22.716 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.851 | 149 | 2009871 | 23.040 | ng/ul | 100 |
| 80) Fluoranthene | 18.915 | 202 | 1872047 | 21.685 | ng/ul | 98 |
| 82) Pyrene | 19.280 | 202 | 1906993 | 21.500 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.209 | 149 | 811910 | 22.460 | ng/ul | 92 |
| 84) 3,3'-Dichlorobenzidine | 21.003 | 252 | 462573 | 20.451 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.050 | 228 | 1669864 | 21.120 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.003 | 149 | 1176848 | 21.912 | ng/ul | 99 |
| 87) Chrysene | 21.109 | 228 | 1528566 | 20.898 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.039 | 149 | 1758704 | 22.037 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.939 | 252 | 1384211 | 21.585 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.991 | 252 | 1390949 | 22.207 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.662 | 252 | 1210860 | 21.488 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.785 | 276 | 1128392 | 18.336 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.838 | 278 | 881653 | 18.114 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.721 | 276 | 974198 | 17.974 | ng/ul | 99 |

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

**Instrument :**
BNA_M
**LabSampleId :**
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