Quantitation Report (Qedit)

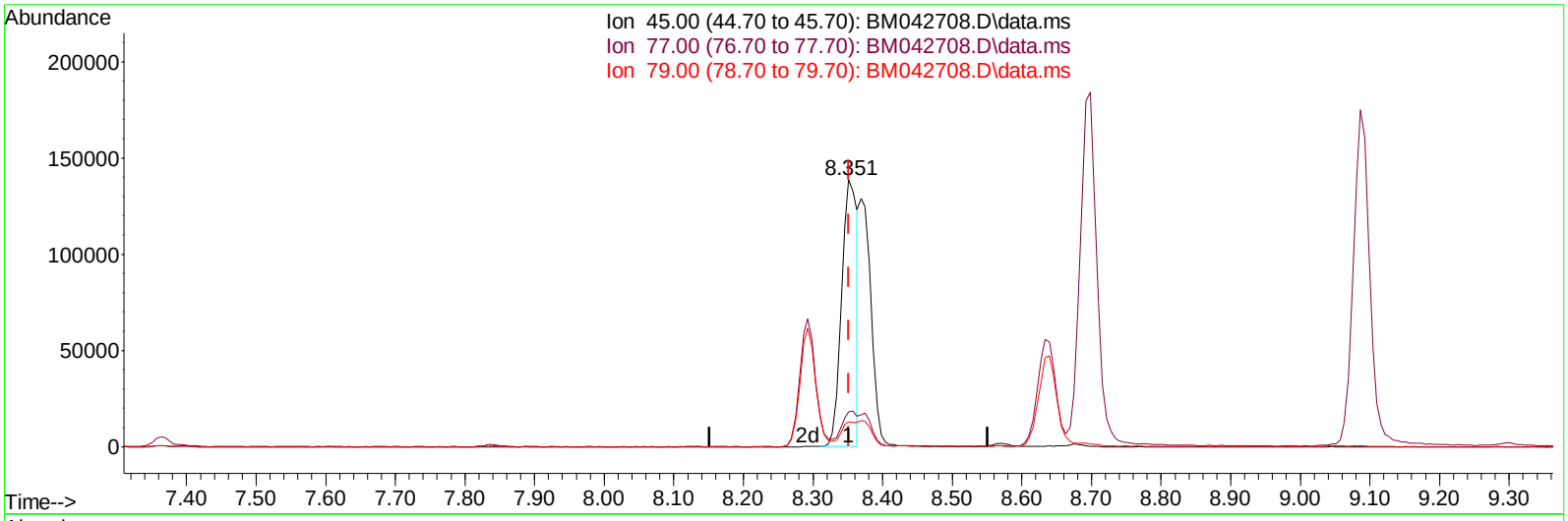
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

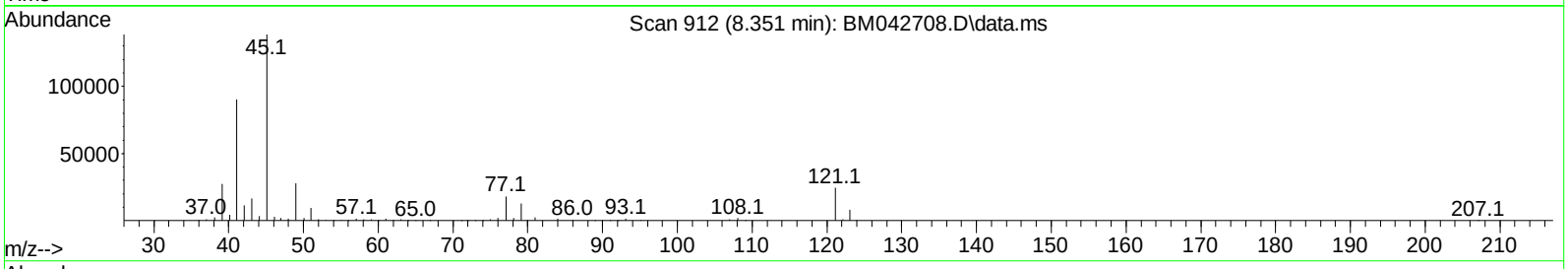
Quant Time: Nov 13 16:47:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

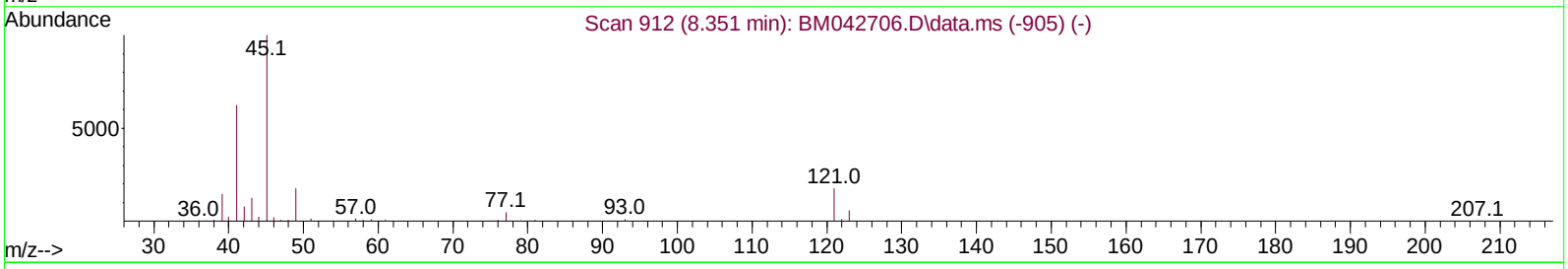
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023




TIC: BM042708.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.351min (-0.000) 47.20 ng/ul**

**response 214740**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 13.08 |
| 79.00 | 10.20 | 9.32 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

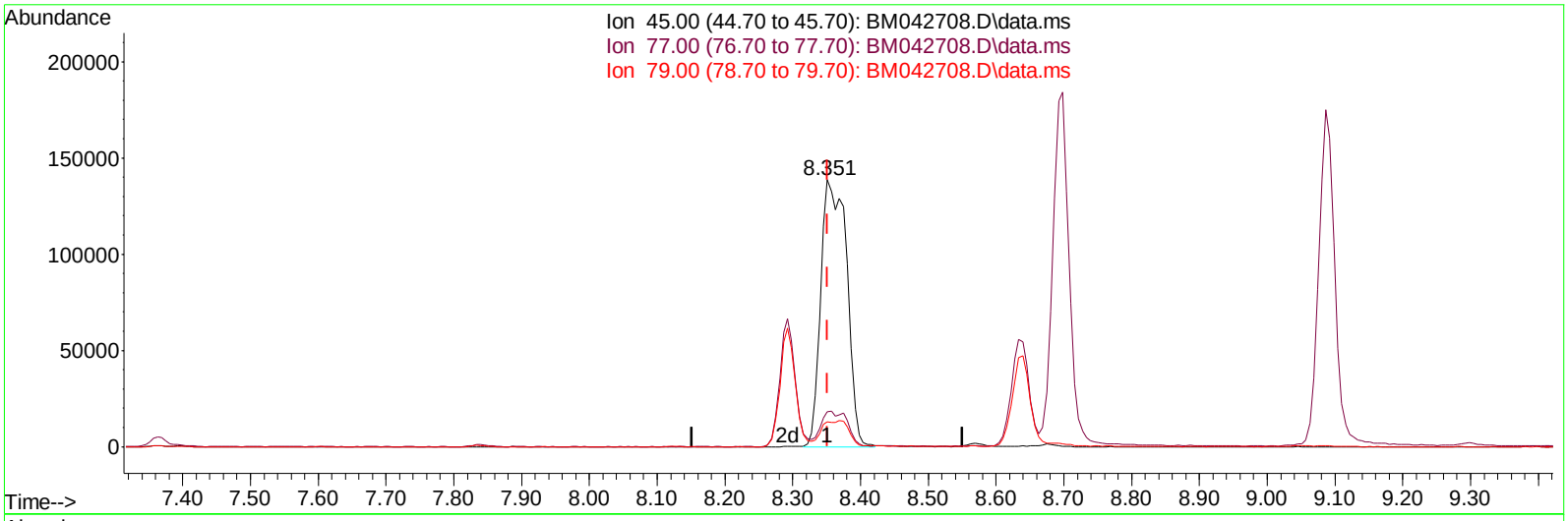
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

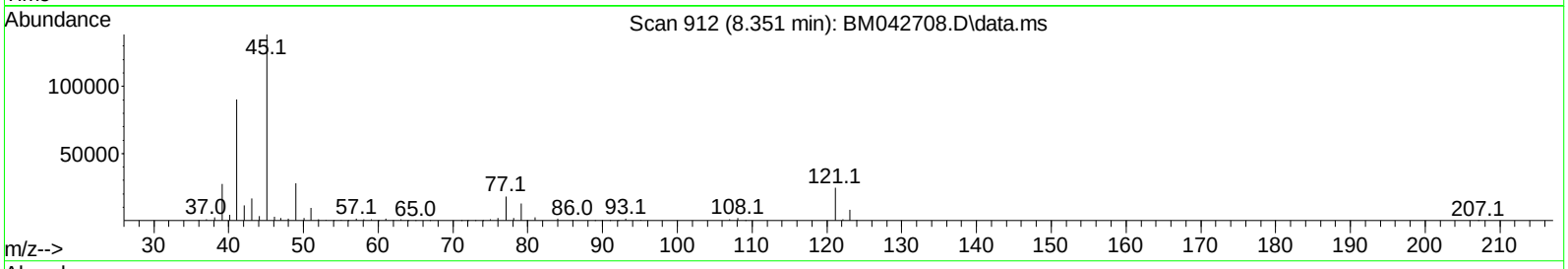
Quant Time: Nov 13 16:47:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

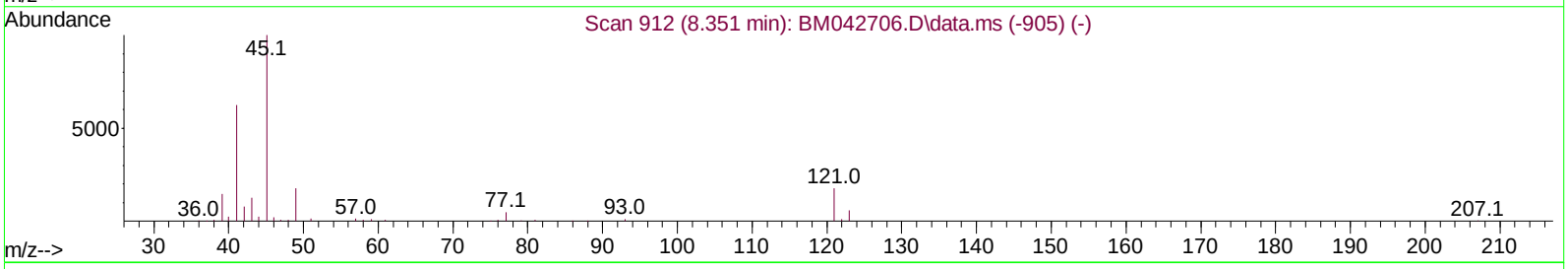
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023




TIC: BM042708.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.351min (-0.000) 80.72 ng/ul m**

**response 367262**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.20 | 13.08 |
| 79.00 | 10.20 | 9.32 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

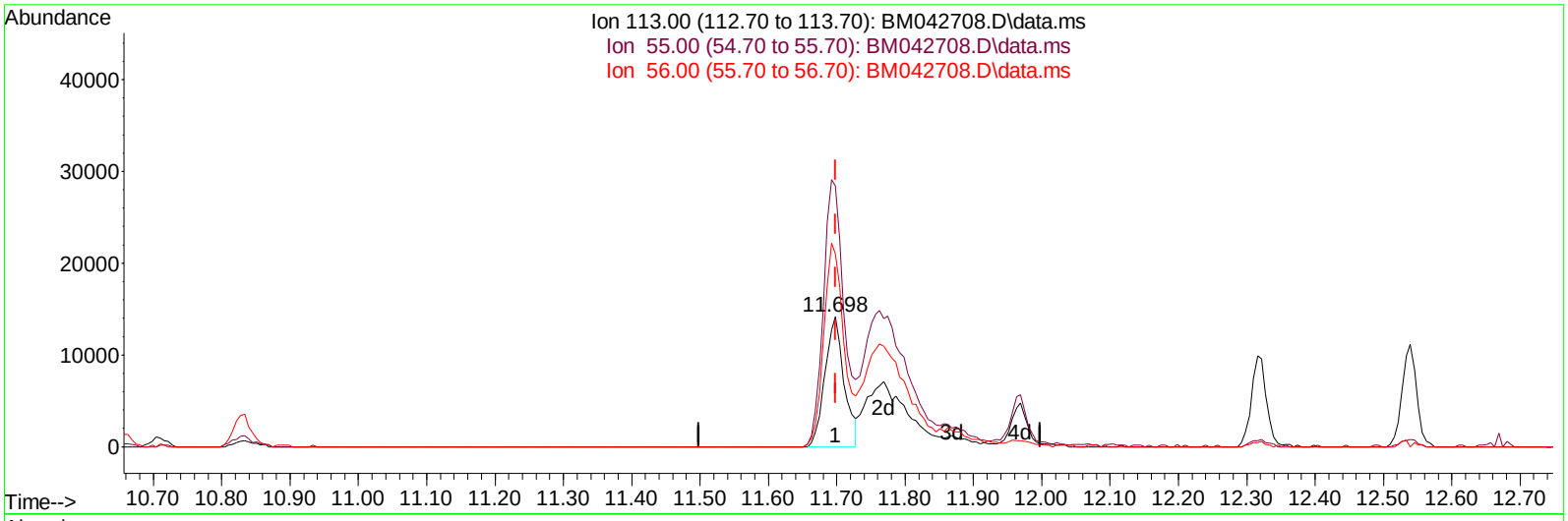
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

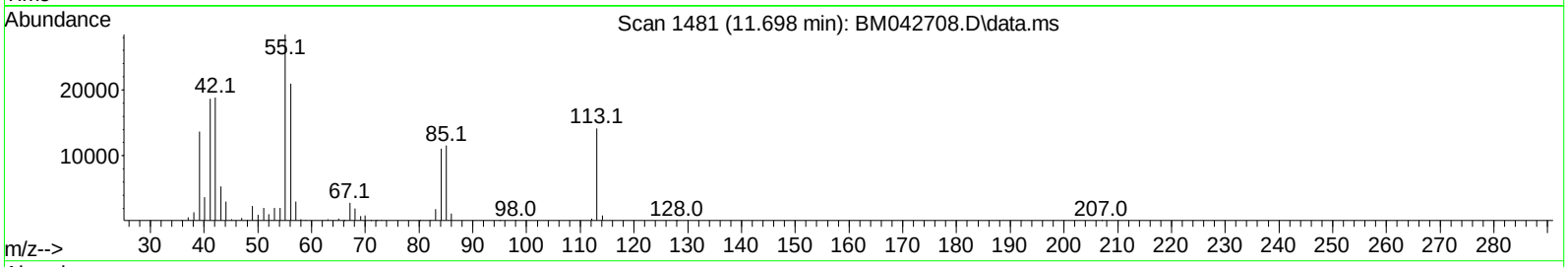
Quant Time: Nov 13 16:47:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

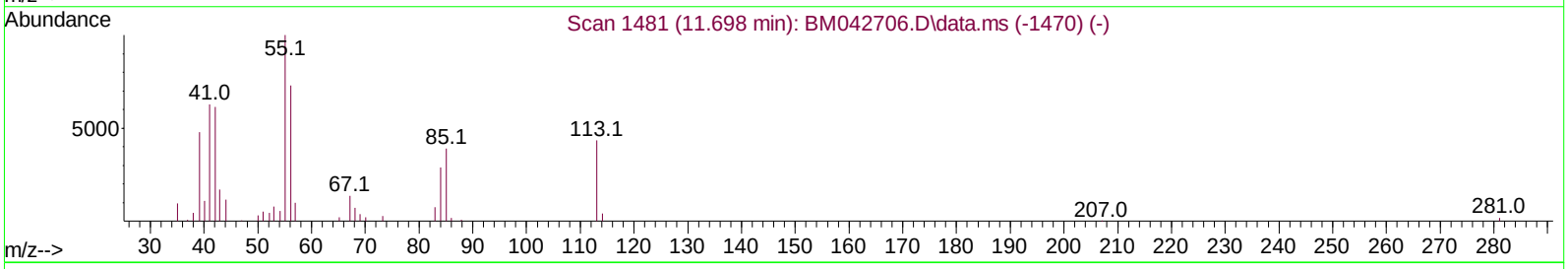
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023




TIC: BM042708.D\data.ms

**(34) Caprolactam**

**11.698min (-0.000) 38.60 ng/ul**

**response 27692**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 200.37 |
| 56.00 | 167.90 | 147.89 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

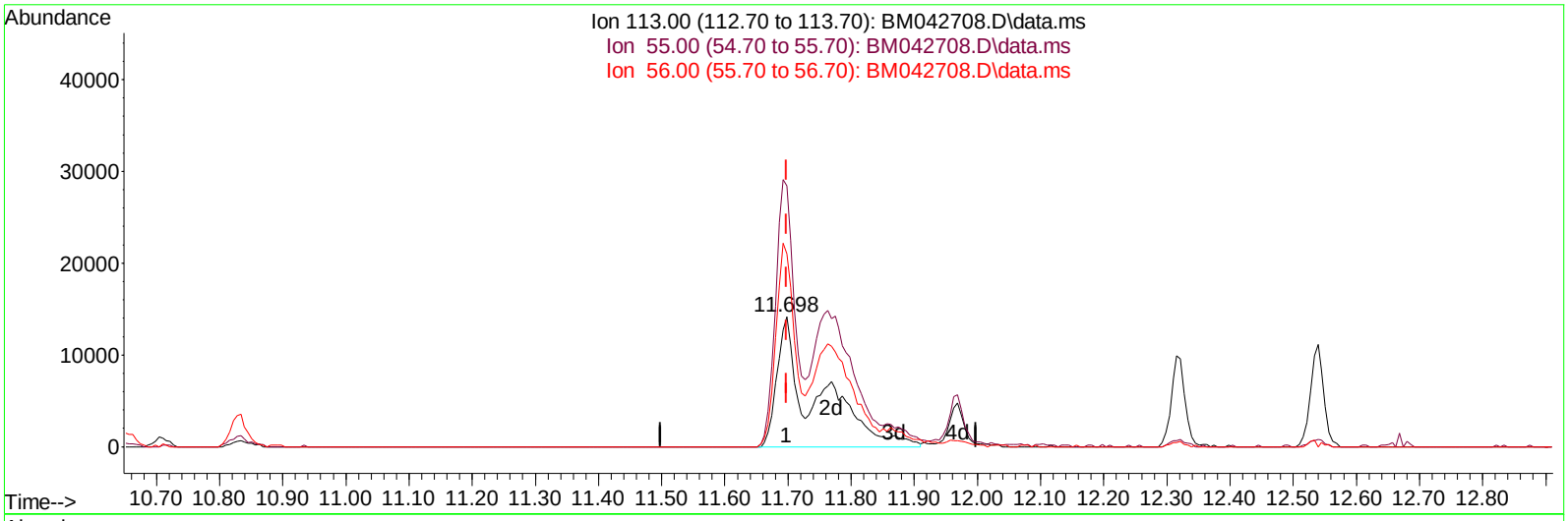
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

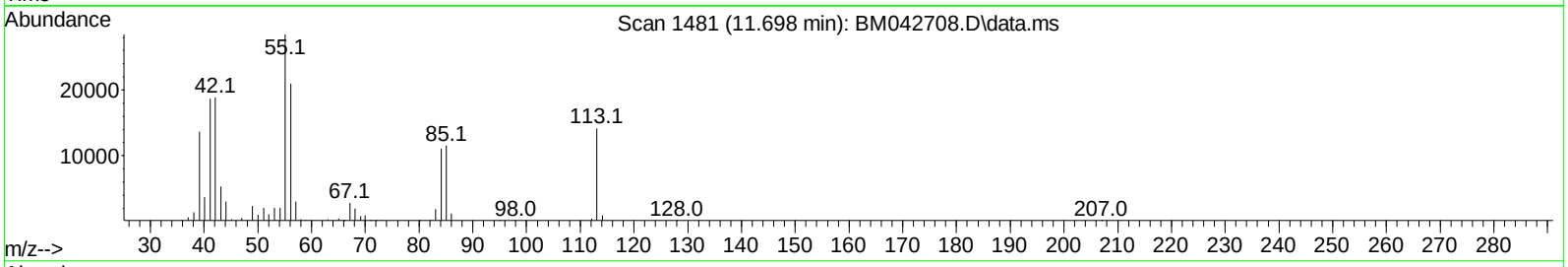
Quant Time: Nov 13 16:47:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

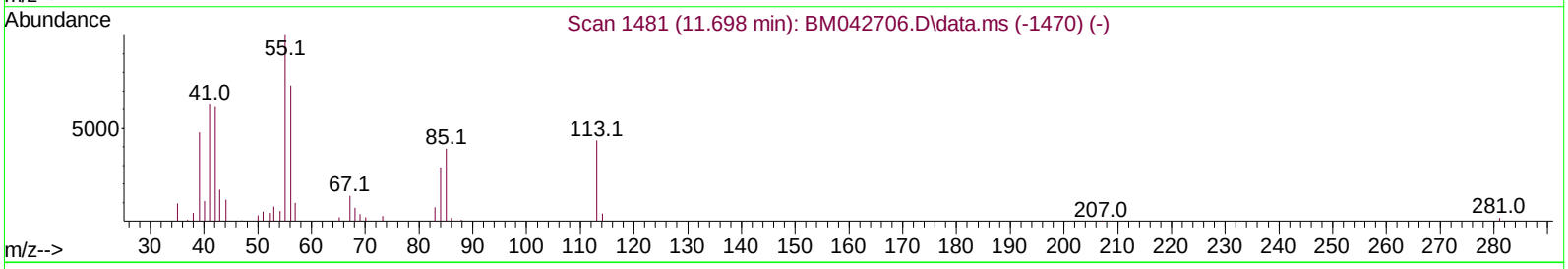
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023




TIC: BM042708.D\data.ms

**(34) Caprolactam**

**11.698min (-0.000) 83.77 ng/ul m**

**response 60096**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 230.20 | 200.37 |
| 56.00 | 167.90 | 147.89 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 16:48:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 31189 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.657 | 136 | 134018 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.498 | 164 | 92075 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 204285 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.439 | 240 | 217152 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.809 | 264 | 233310 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 29477 | 29.655 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.622 | 84 | 216189 | 87.439 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.010 | 99 | 257249 | 84.748 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 174397 | 81.763 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.363 | 132 | 197901 | 84.493 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.569 | 113 | 205556 | 86.005 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.045 | 128 | 101222 | 86.147 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.757 | 143 | 119104 | 86.649 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.281 | 165 | 221149 | 86.527 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.828 | 131 | 273264 | 84.209 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.921 | 166 | 708945 | 81.355 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.198 | 160 | 781900 | 83.860 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.751 | 143 | 94141 | 95.620 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.492 | 176 | 602275 | 83.462 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200 | 139181 | 89.945 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.351 | 188 | 964236 | 84.222 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 1197481 | 84.211 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.656 | 264 | 1131304 | 81.064 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.216 | 88 | 32258 | 30.474 | ng/uL | 96 |
| 5) Pyridine | 3.640 | 79 | 223481 | 83.123 | ng/ul | 95 |
| 6) Benzaldehyde | 7.004 | 77 | 133555 | 76.686 | ng/ul | 97 |
| 8) Phenol | 7.040 | 94 | 256229 | 84.862 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.281 | 93 | 203502 | 81.594 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.398 | 128 | 194688 | 83.523 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.292 | 108 | 192963 | 85.702 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.351 | 45 | 367262m | 80.721 | ng/ul | |
| 16) Acetophenone | 8.698 | 105 | 337006 | 83.857 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.675 | 70 | 202622 | 82.823 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.639 | 108 | 207607 | 84.809 | ng/ul | 99 |
| 19) Hexachloroethane | 8.892 | 117 | 101354 | 78.014 | ng/ul | 92 |
| 22) Nitrobenzene | 9.086 | 77 | 291266 | 82.016 | ng/ul | 98 |
| 23) Isophorone | 9.598 | 82 | 564565 | 79.819 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.786 | 139 | 119921 | 85.871 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.834 | 107 | 247809 | 82.935 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.086 | 93 | 292995 | 81.976 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.310 | 162 | 210564 | 87.017 | ng/ul | 100 |
| 30) Naphthalene | 10.710 | 128 | 666938 | 79.435 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.851 | 127 | 260455 | 83.660 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.928 | 225 | 170637 | 79.830 | ng/ul | 96 |
| 34) Caprolactam | 11.698 | 113 | 60096m | 83.766 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.969 | 107 | 224012 | 86.394 | ng/ul | 94 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 16:48:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.316 | 142 | 474056 | 84.244 | ng/ul | 96 |
| 37) 1-Methylnaphthalene | 12.539 | 142 | 481645 | 81.408 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.669 | 216 | 300689 | 83.269 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.610 | 237 | 162389 | 94.987 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.933 | 196 | 192843 | 87.429 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.004 | 196 | 195343 | 91.717 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.333 | 154 | 654304 | 85.210 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.380 | 162 | 519872 | 84.158 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.627 | 65 | 190051 | 94.337 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.969 | 163 | 688317 | 81.096 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.121 | 165 | 138024 | 86.558 | ng/ul | 97 |
| 50) Acenaphthylene | 14.227 | 152 | 870265 | 83.299 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.463 | 138 | 113216 | 86.827 | ng/ul | 95 |
| 52) Acenaphthene | 14.563 | 153 | 584316 | 82.697 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.668 | 184 | 78030 | 98.415 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.763 | 109 | 138550 | 113.348 | ng/ul | 97 |
| 56) Dibenzofuran | 14.904 | 168 | 836150 | 85.261 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 218685 | 93.415 | ng/ul | 92 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.121 | 232 | 184827 | 83.600 | ng/ul | 97 |
| 59) Diethylphthalate | 15.321 | 149 | 727749 | 81.767 | ng/ul | 99 |
| 61) Fluorene | 15.551 | 166 | 720235 | 86.502 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.539 | 204 | 393912 | 87.785 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.633 | 138 | 101980 | 88.702 | ng/ul | 90 |
| 66) 4,6-Dinitro-2-methylph... | 15.657 | 198 | 136983 | 86.953 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.768 | 169 | 541616 | 84.533 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.433 | 248 | 229992 | 84.581 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.515 | 284 | 274849 | 82.682 | ng/ul | 99 |
| 70) Atrazine | 16.721 | 200 | 199537 | 80.851 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.886 | 266 | 164797 | 86.092 | ng/ul | 98 |
| 72) Phenanthrene | 17.298 | 178 | 1067278 | 83.628 | ng/ul | 99 |
| 74) Anthracene | 17.386 | 178 | 1102619 | 85.895 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.286 | 216 | 299156 | 82.817 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.792 | 250 | 318950 | 84.151 | ng/uL | 99 |
| 77) Carbazole | 17.680 | 167 | 885083 | 83.501 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.192 | 149 | 1309947 | 84.513 | ng/ul | 99 |
| 80) Fluoranthene | 19.309 | 202 | 1363692 | 84.108 | ng/ul | 99 |
| 82) Pyrene | 19.680 | 202 | 1432188 | 83.308 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.556 | 149 | 610487 | 83.140 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.368 | 252 | 443150 | 79.736 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.421 | 228 | 1423368 | 83.500 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149 | 937198 | 84.124 | ng/ul | 98 |
| 87) Chrysene | 21.474 | 228 | 1328526 | 80.361 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.215 | 149 | 1572781 | 83.453 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.080 | 252 | 1328274 | 83.423 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.127 | 252 | 1420565 | 83.813 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.709 | 252 | 1275180 | 82.190 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.303 | 276 | 1609730 | 83.483 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.309 | 278 | 1358348 | 84.971 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.074 | 276 | 1198360 | 78.265 | ng/ul | 99 |

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

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042708.D
Acq On : 13 Nov 2023 15:02
Operator : MA/JU
Sample : SSTD08067
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 16:48:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD080031

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/19/2023