Quantitation Report (Qedit)

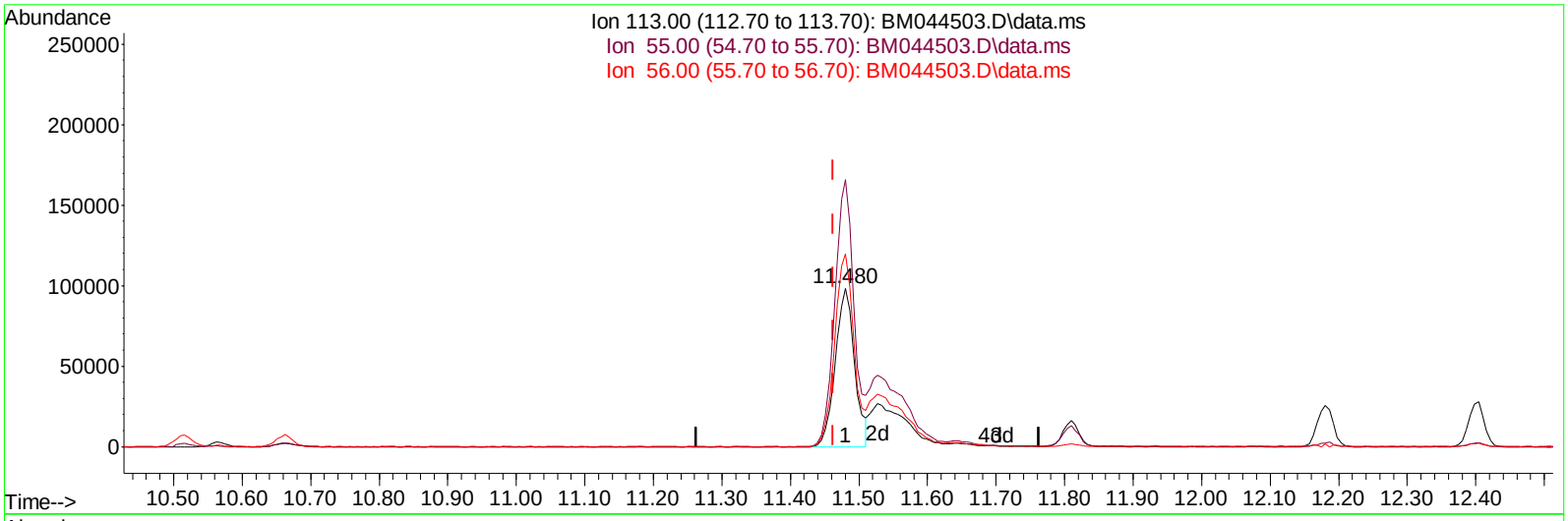
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

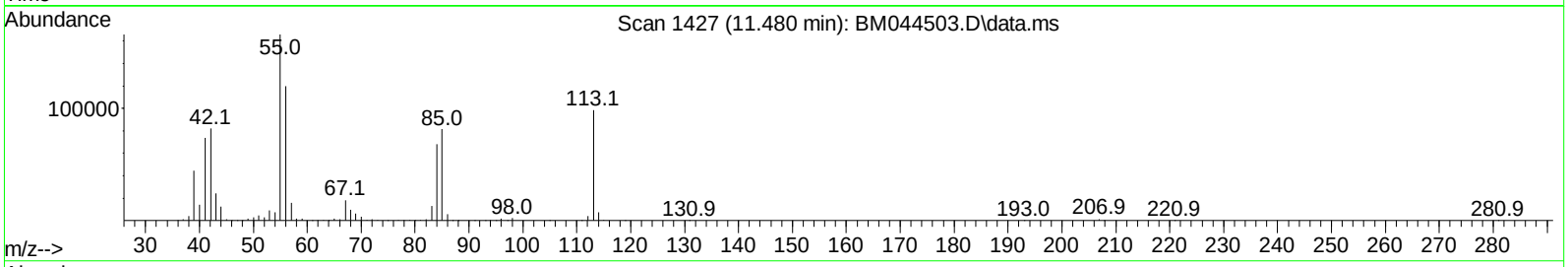
Quant Time: Mar 05 16:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

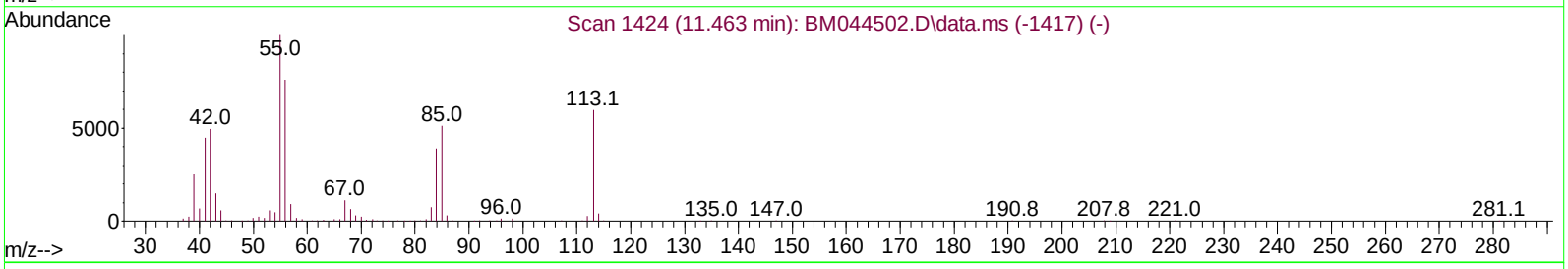
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024




TIC: BM044503.D\data.ms

**(34) Caprolactam**

**11.480min (+ 0.018) 31.58 ng/ul**

**response 192092**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 168.40 | 168.30 |
| 56.00 | 127.70 | 121.54 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

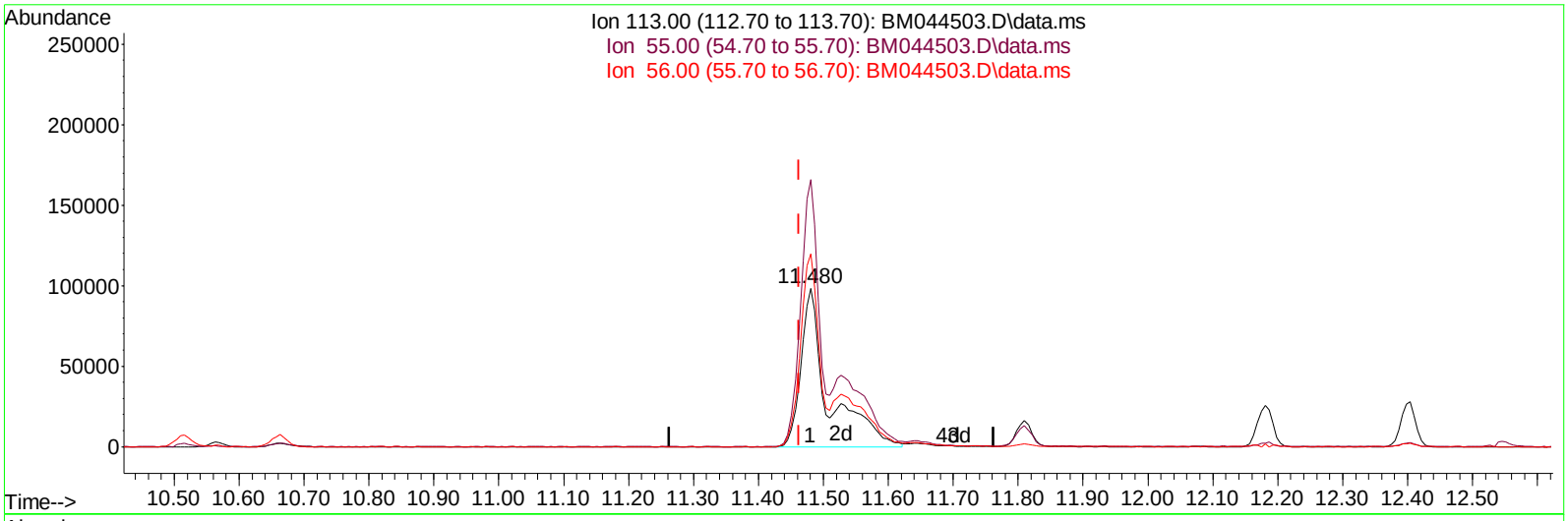
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

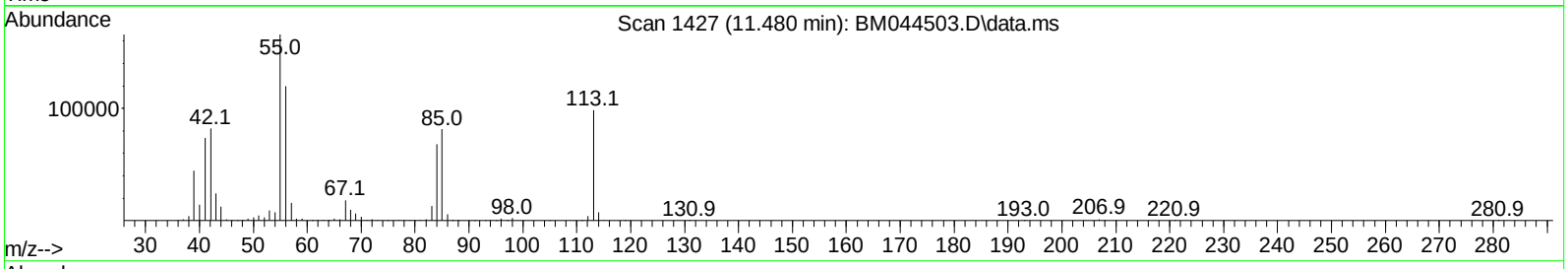
Quant Time: Mar 05 16:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

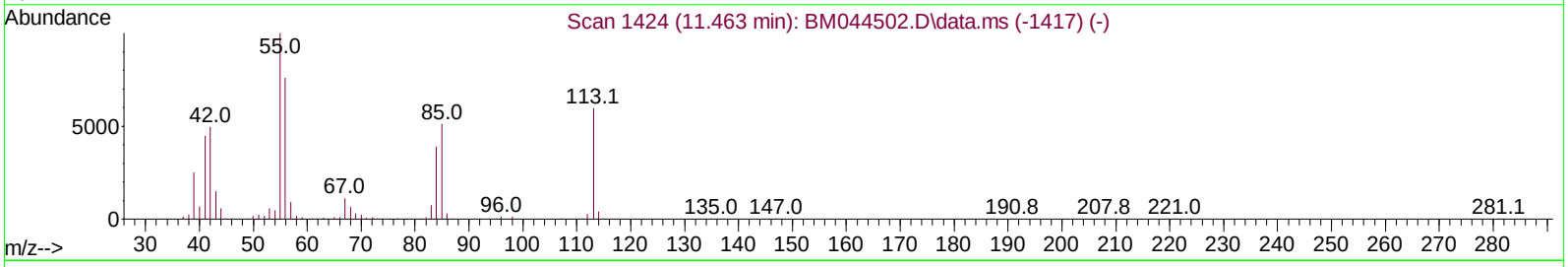
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024




TIC: BM044503.D\data.ms

**(34) Caprolactam**

**11.480min (+ 0.018) 47.33 ng/ul m**

**response 287925**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 168.40 | 168.30 |
| 56.00 | 127.70 | 121.54 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

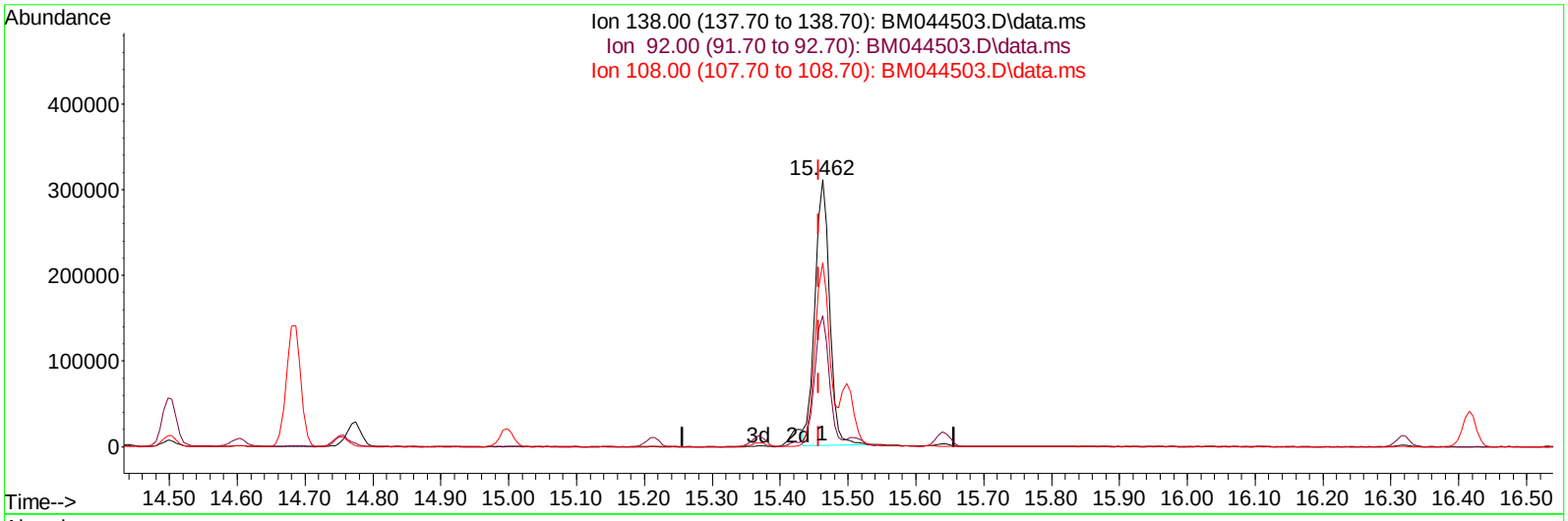
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

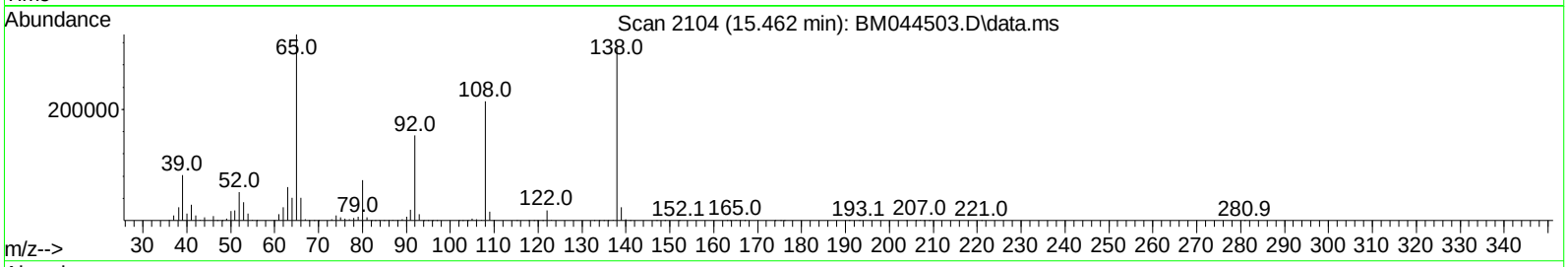
Quant Time: Mar 05 16:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

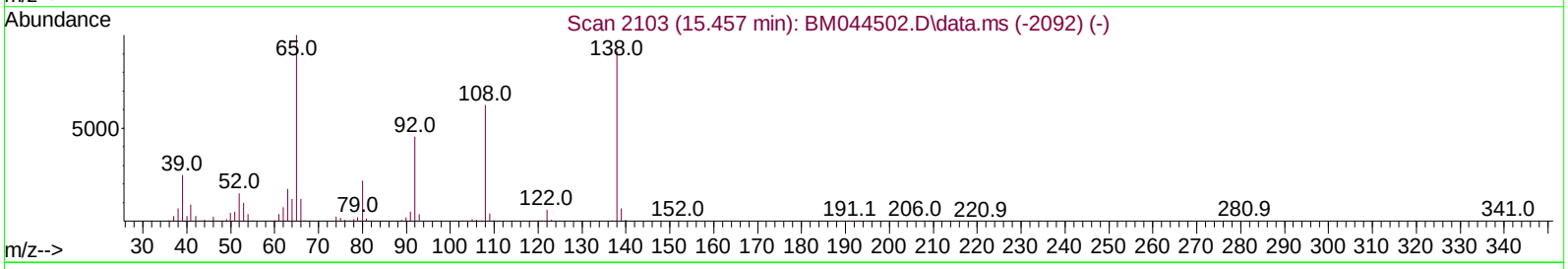
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024




TIC: BM044503.D\data.ms

**(63) 4-Nitroaniline**

**15.462min (+ 0.006) 45.02 ng/ul**

**response 465744**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.80 | 49.17 |
| 108.00 | 68.30 | 68.98 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

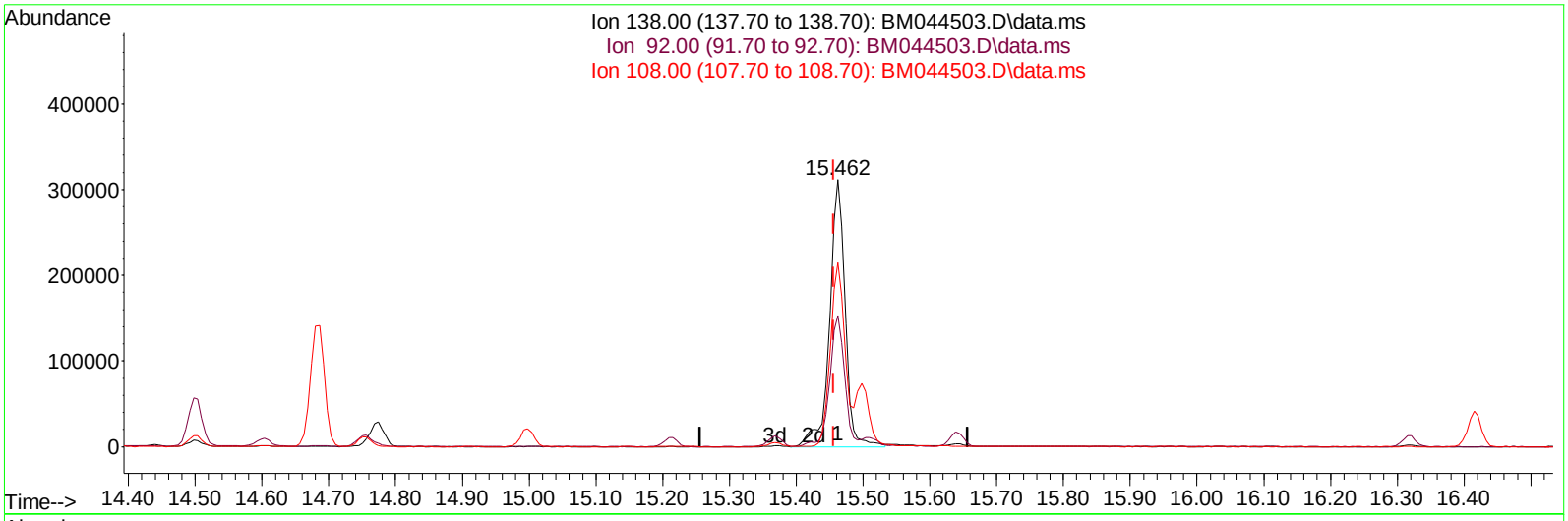
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

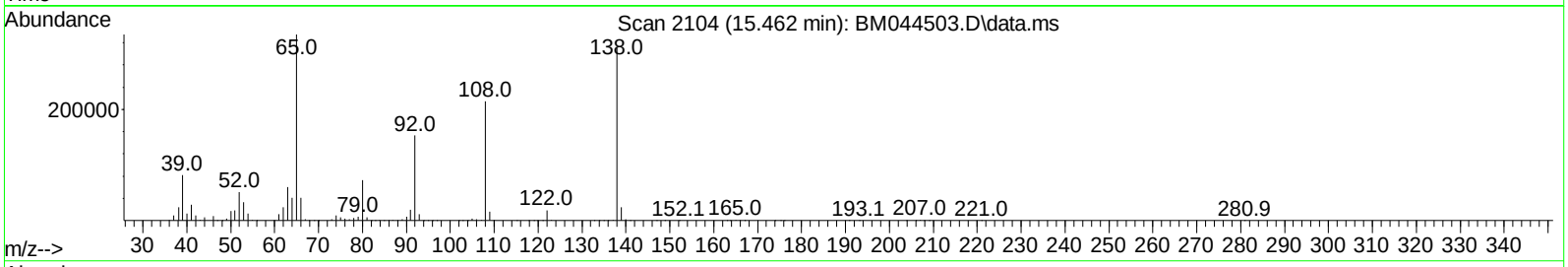
Quant Time: Mar 05 16:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

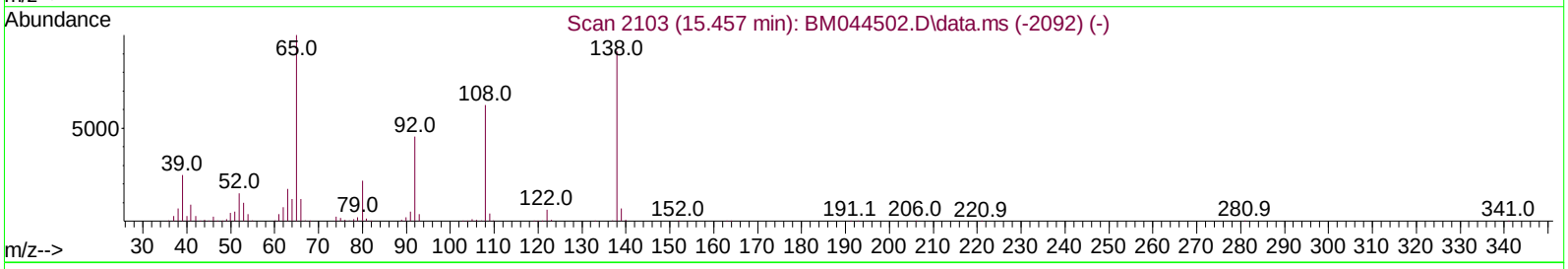
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024




TIC: BM044503.D\data.ms

**(63) 4-Nitroaniline**

**15.462min (+ 0.006) 48.75 ng/ul m**

**response 504379**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.80 | 49.17 |
| 108.00 | 68.30 | 68.98 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 16:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.734 | 152 | 243368 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.516 | 136 | 1136059 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.368 | 164 | 678190 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.121 | 188 | 1422461 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.309 | 240 | 1259462 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.562 | 264 | 1390016 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.287 | 96 | 121625 | 16.063 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.681 | 84 | 904747 | 43.020 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.910 | 99 | 1059279 | 44.888 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.081 | 67 | 660954 | 43.552 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.269 | 132 | 815137 | 46.209 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.439 | 113 | 846170 | 46.962 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.898 | 128 | 427093 | 46.091 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.610 | 143 | 465637 | 48.636 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.139 | 165 | 774556 | 46.169 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.663 | 131 | 1265489 | 44.695 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.792 | 166 | 2309780 | 44.139 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.063 | 160 | 2679766 | 44.584 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.586 | 143 | 489870 | 46.217 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.368 | 176 | 1939875 | 44.007 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 200 | 410184 | 45.697 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.221 | 188 | 2962286 | 43.707 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.515 | 212 | 3367868 | 44.466 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.421 | 264 | 3170101 | 44.458 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.316 | 88 | 125501 | 15.737 | ng/uL | 97 |
| 5) Pyridine | 3.699 | 79 | 927865 | 42.277 | ng/ul | 98 |
| 6) Benzaldehyde | 6.892 | 77 | 500671 | 49.038 | ng/ul | 99 |
| 8) Phenol | 6.934 | 94 | 1085759 | 44.485 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.175 | 93 | 895131 | 43.863 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.298 | 128 | 832918 | 45.583 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.175 | 108 | 832313 | 45.938 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.257 | 45 | 1189320 | 42.916 | ng/ul | 99 |
| 16) Acetophenone | 8.563 | 105 | 1344010 | 46.684 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.551 | 70 | 704611 | 48.855 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.504 | 108 | 909281 | 46.851 | ng/ul | 98 |
| 19) Hexachloroethane | 8.792 | 117 | 333698 | 43.291 | ng/ul | 97 |
| 22) Nitrobenzene | 8.939 | 77 | 980999 | 43.994 | ng/ul | 100 |
| 23) Isophorone | 9.463 | 82 | 2027532 | 46.216 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.639 | 139 | 500683 | 47.251 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.698 | 107 | 913588 | 45.735 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.945 | 93 | 1247146 | 44.049 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.163 | 162 | 770361 | 45.435 | ng/ul | 100 |
| 30) Naphthalene | 10.563 | 128 | 2763699 | 42.926 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.686 | 127 | 1224461 | 44.487 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.833 | 225 | 417663 | 41.451 | ng/ul | 99 |
| 34) Caprolactam | 11.480 | 113 | 287925m | 47.329 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.810 | 107 | 899811 | 48.854 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 16:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.180 | 142 | 1843874 | 44.513 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.404 | 142 | 1814342 | 44.285 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.545 | 216 | 836669 | 42.181 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.516 | 237 | 542056 | 39.956 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.798 | 196 | 608422 | 47.314 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.869 | 196 | 647788 | 46.701 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.204 | 154 | 2320113 | 42.440 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.245 | 162 | 1835875 | 42.857 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.463 | 65 | 605117 | 50.053 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.845 | 163 | 2342992 | 43.859 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.968 | 165 | 489757 | 48.511 | ng/ul | 96 |
| 50) Acenaphthylene | 14.092 | 152 | 3103653 | 43.810 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.292 | 138 | 507350 | 47.148 | ng/ul | 97 |
| 52) Acenaphthene | 14.439 | 153 | 2005912 | 42.880 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.504 | 184 | 297770 | 46.147 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.604 | 109 | 337841 | 46.472 | ng/ul | 96 |
| 56) Dibenzofuran | 14.774 | 168 | 2658009 | 42.427 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.751 | 165 | 708060 | 48.786 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.998 | 232 | 528726 | 47.214 | ng/ul | 98 |
| 59) Diethylphthalate | 15.215 | 149 | 2442236 | 44.414 | ng/ul | 99 |
| 61) Fluorene | 15.427 | 166 | 2168140 | 42.973 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.421 | 204 | 1001179 | 42.148 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.462 | 138 | 504379m | 48.749 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.515 | 198 | 441209 | 45.193 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.639 | 169 | 1860259 | 43.312 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.321 | 248 | 614456 | 43.479 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.415 | 284 | 699353 | 43.272 | ng/ul | 99 |
| 70) Atrazine | 16.604 | 200 | 613685 | 43.263 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.768 | 266 | 476394 | 44.370 | ng/ul | 97 |
| 72) Phenanthrene | 17.162 | 178 | 3482555 | 42.804 | ng/ul | 100 |
| 74) Anthracene | 17.256 | 178 | 3528932 | 43.091 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.163 | 216 | 825028 | 41.886 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.686 | 250 | 794095 | 42.113 | ng/uL | 100 |
| 77) Carbazole | 17.533 | 167 | 3377469 | 43.571 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.103 | 149 | 4451794 | 45.239 | ng/ul | 99 |
| 80) Fluoranthene | 19.180 | 202 | 4014721 | 44.316 | ng/ul | 100 |
| 82) Pyrene | 19.545 | 202 | 4148955 | 43.755 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.462 | 149 | 2088262 | 48.260 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.233 | 252 | 1262611 | 44.686 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.297 | 228 | 4067174 | 43.282 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 2942451 | 44.749 | ng/ul | 100 |
| 87) Chrysene | 21.350 | 228 | 3773617 | 42.749 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.127 | 149 | 5386432 | 44.748 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.886 | 252 | 3999952 | 44.713 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.933 | 252 | 3975249 | 43.392 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.468 | 252 | 3788582 | 44.166 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 25.844 | 276 | 4255152 | 41.328 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.862 | 278 | 3577892 | 41.659 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.544 | 276 | 3361442 | 40.425 | ng/ul | 99 |

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

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044503.D
Acq On : 05 Mar 2024 15:52
Operator : MA/JU
Sample : SSTD04003
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 16:32:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD040023

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024