Quantitation Report (Qedit)

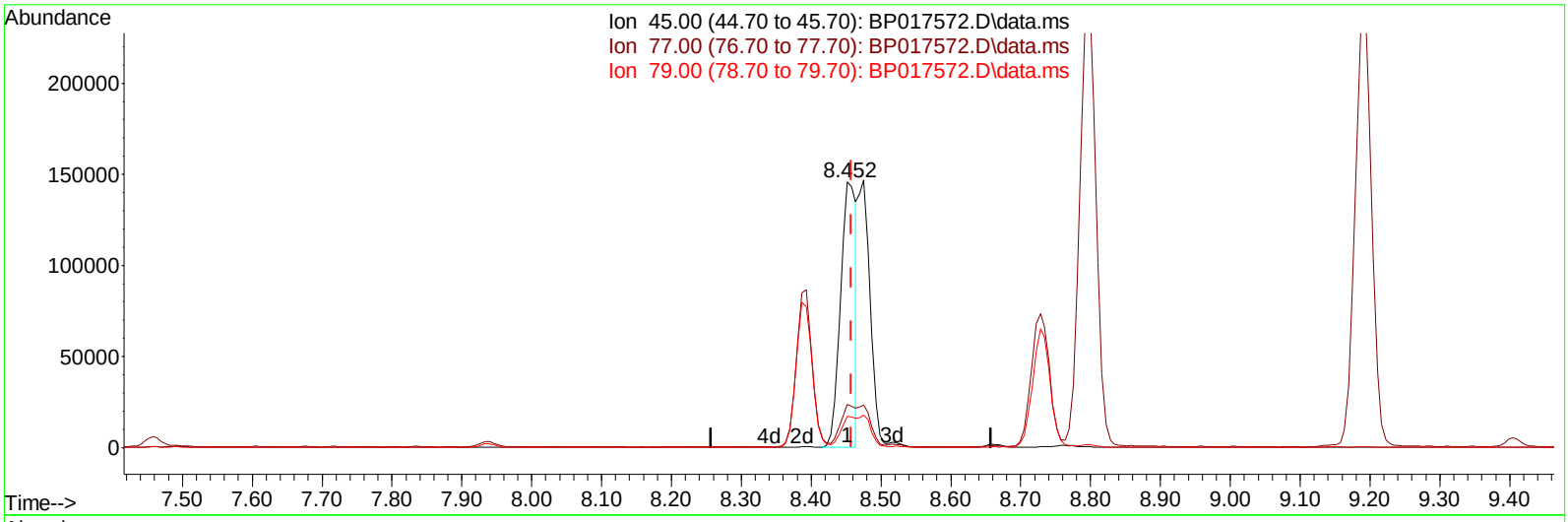
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

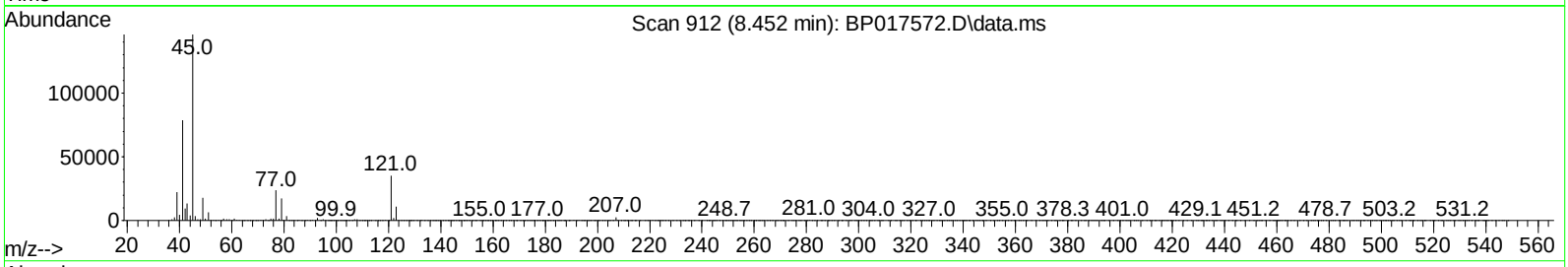
Quant Time: Oct 06 02:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

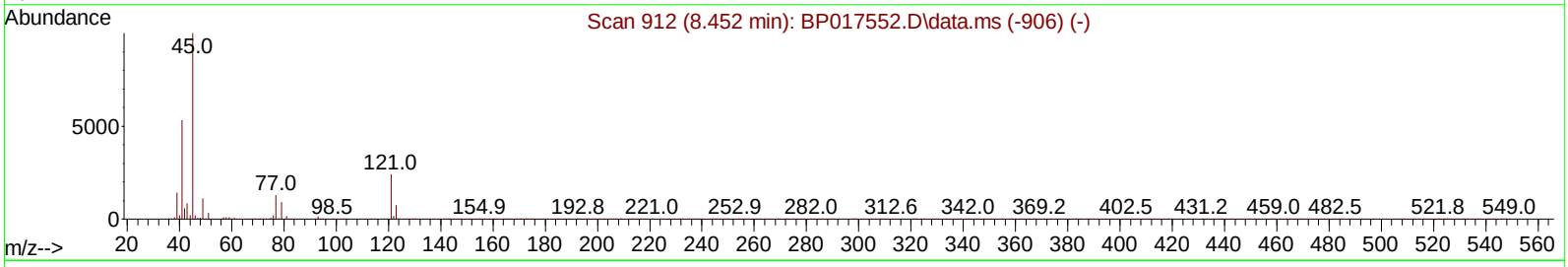
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023




TIC: BP017572.D\data.ms

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

**8.452min (-0.006) 23.62 ng/ul**

**response 224451**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.10 | 16.25 |
| 79.00 | 11.20 | 11.80 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

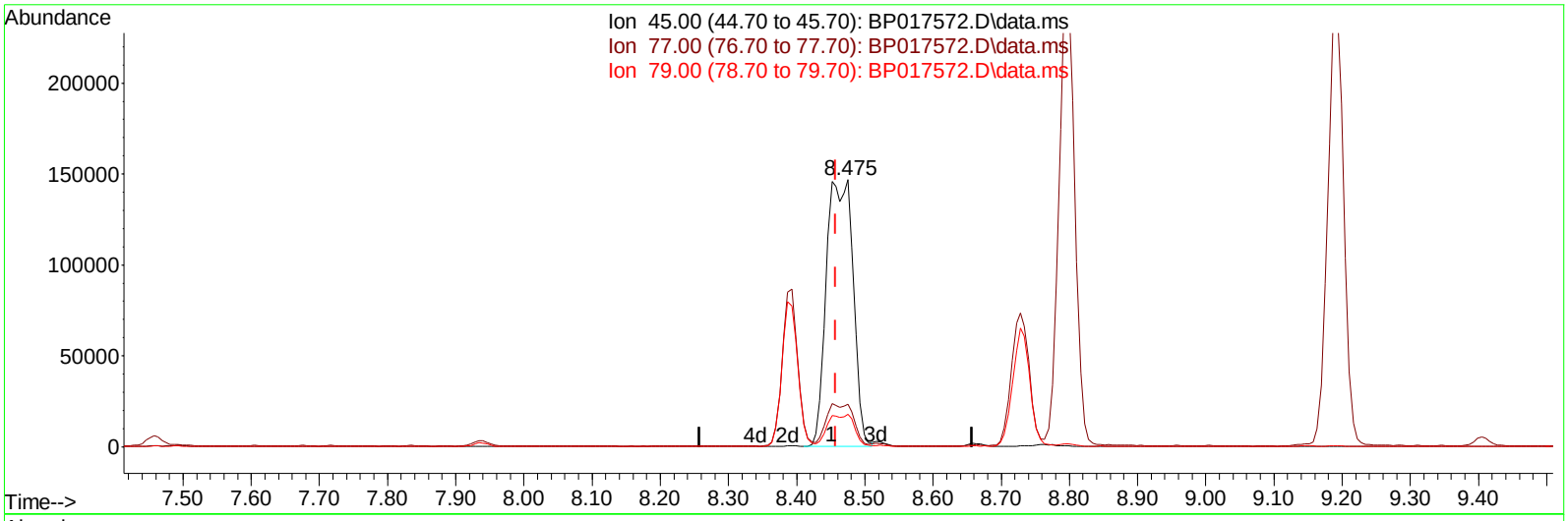
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

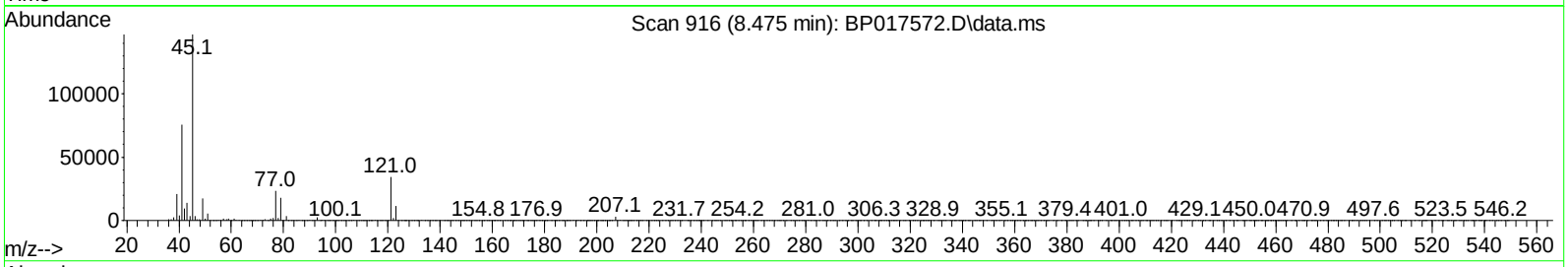
Quant Time: Oct 06 02:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

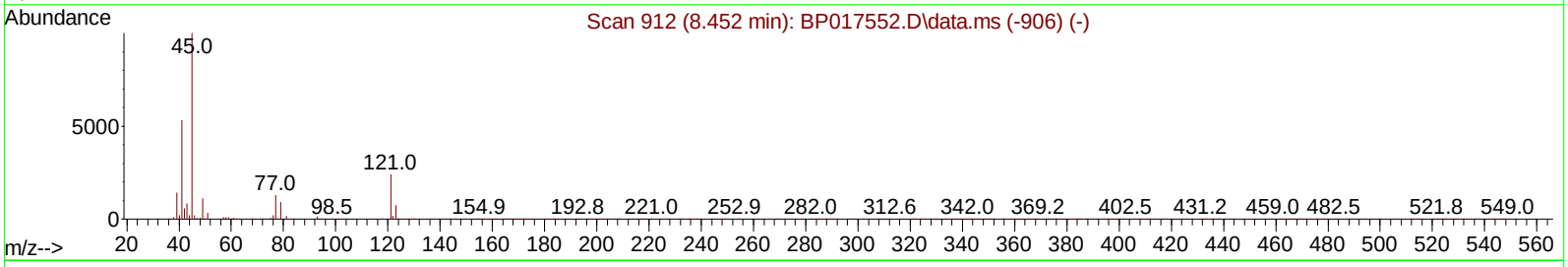
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023




TIC: BP017572.D\data.ms

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

**8.475min (+ 0.018) 41.99 ng/ul m**

**response 398972**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.10 | 16.04 |
| 79.00 | 11.20 | 12.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

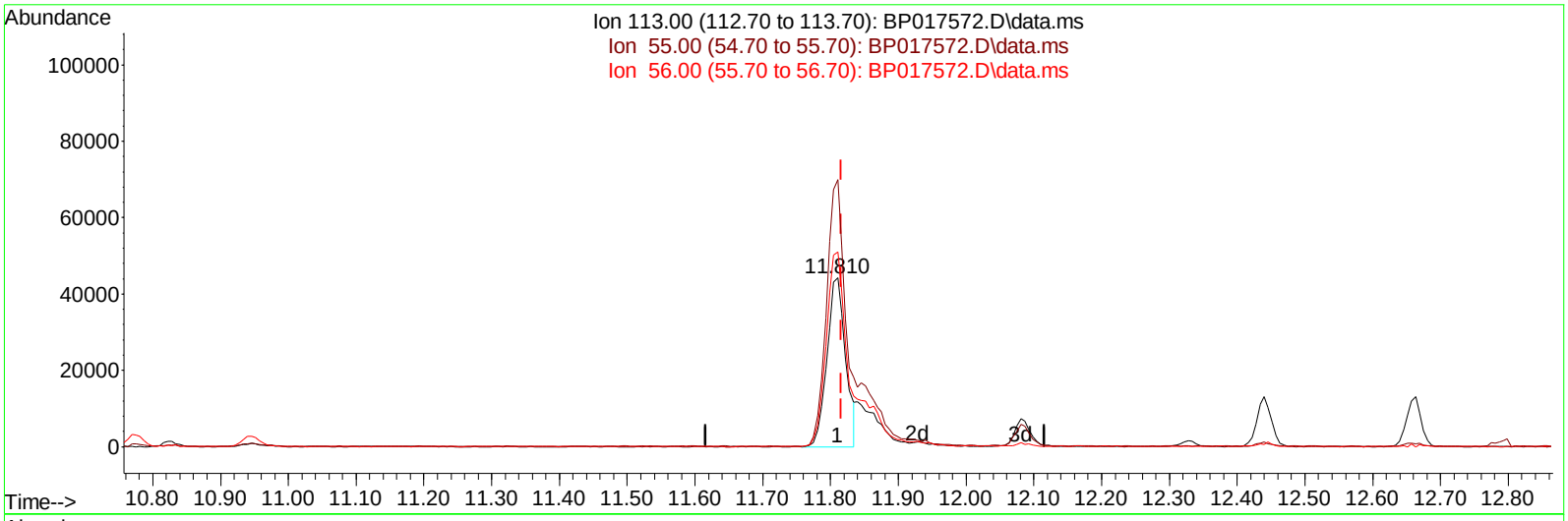
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

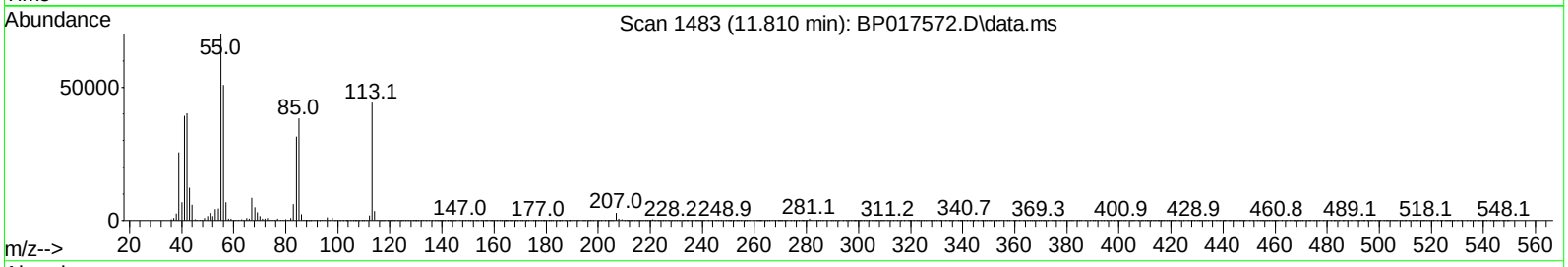
Quant Time: Oct 06 02:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

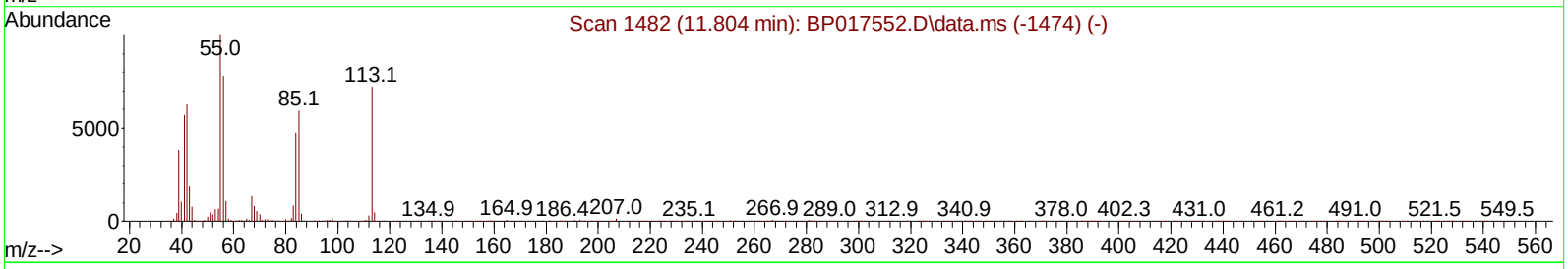
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023




TIC: BP017572.D\data.ms

**(34) Caprolactam**

**11.810min (-0.006) 38.46 ng/ul**

**response 84466**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 155.80 | 157.96 |
| 56.00 | 118.40 | 115.33 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

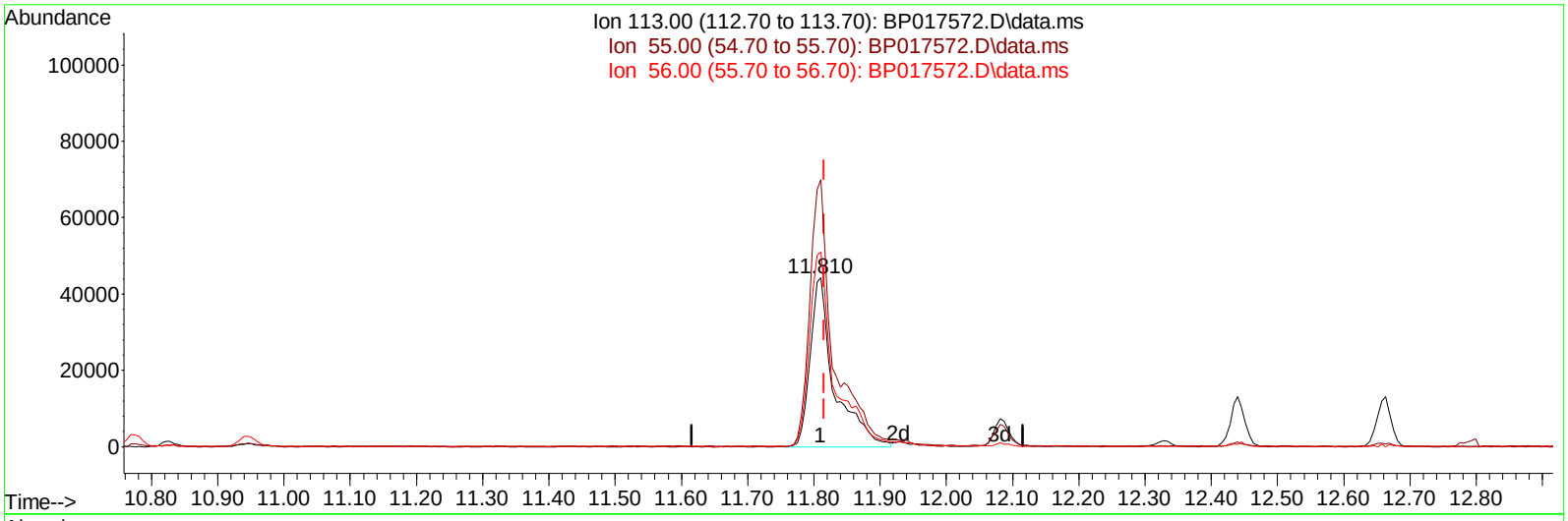
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

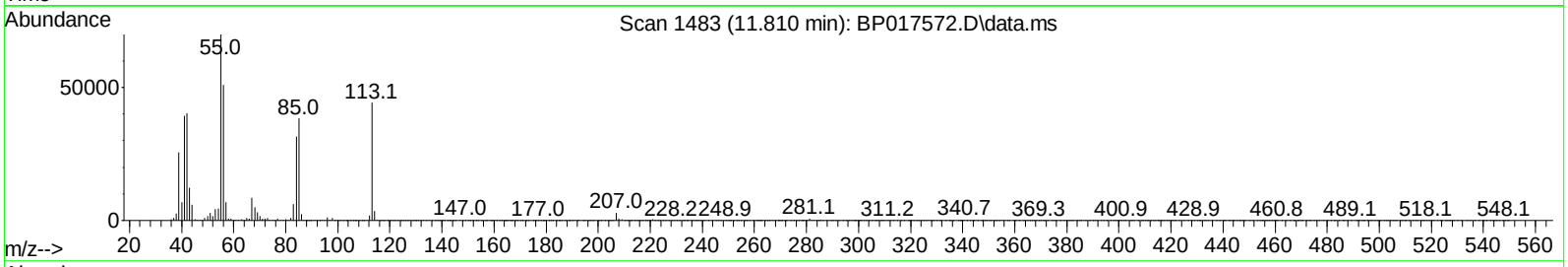
Quant Time: Oct 06 02:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

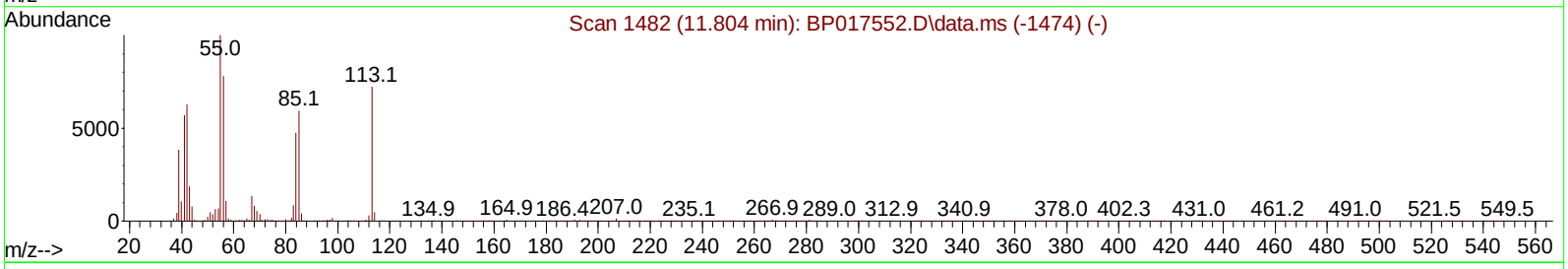
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023




TIC: BP017572.D\data.ms

**(34) Caprolactam**

**11.810min (-0.006) 50.85 ng/ul m**

**response 111686**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 155.80 | 157.96 |
| 56.00 | 118.40 | 115.33 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 06 02:59:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 105755 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.775 | 136 | 453144 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.634 | 164 | 297589 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.422 | 188 | 666119 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.557 | 240 | 723449 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.133 | 264 | 754485 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.287 | 96 | 19169 | 7.247 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.723 | 84 | 273327 | 39.476 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.093 | 99 | 398936 | 44.835 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 232781 | 42.874 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.458 | 132 | 306586 | 43.760 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.663 | 113 | 306752 | 43.064 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.146 | 128 | 152159 | 43.647 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 172527 | 43.878 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.393 | 165 | 322834 | 44.288 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.946 | 131 | 402827 | 38.793 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.051 | 166 | 1013523 | 43.662 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.328 | 160 | 1110024 | 43.366 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.875 | 143 | 189589 | 46.639 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.634 | 176 | 862002 | 43.780 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.781 | 200 | 184005 | 44.309 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.522 | 188 | 1262133 | 40.933 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.775 | 212 | 1755776 | 43.676 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.968 | 264 | 1776498 | 46.657 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.323 | 88 | 39453 | 14.509 | ng/uL | 95 |
| 5) Pyridine | 3.740 | 79 | 280473 | 38.576 | ng/ul | 93 |
| 6) Benzaldehyde | 7.099 | 77 | 230247 | 51.330 | ng/ul | 99 |
| 8) Phenol | 7.122 | 94 | 411430 | 46.165 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.375 | 93 | 317044 | 43.936 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.493 | 128 | 321965 | 45.406 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.393 | 108 | 298861 | 44.746 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.475 | 45 | 398972m | 41.990 | ng/ul | |
| 16) Acetophenone | 8.799 | 105 | 502370 | 44.719 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.769 | 70 | 265403 | 46.045 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.728 | 108 | 332432 | 45.997 | ng/ul | 98 |
| 19) Hexachloroethane | 9.005 | 117 | 136364 | 43.323 | ng/ul | 97 |
| 22) Nitrobenzene | 9.193 | 77 | 398750 | 44.469 | ng/ul | 99 |
| 23) Isophorone | 9.705 | 82 | 725808 | 44.118 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.893 | 139 | 191960 | 46.010 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.940 | 107 | 223644 | 27.036 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93 | 434584 | 43.205 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.416 | 162 | 329548 | 46.560 | ng/ul | 98 |
| 30) Naphthalene | 10.828 | 128 | 1055783 | 43.668 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.969 | 127 | 377388 | 38.074 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.052 | 225 | 218880 | 42.583 | ng/ul | 97 |
| 34) Caprolactam | 11.810 | 113 | 111686m | 50.848 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.081 | 107 | 358392 | 47.978 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 06 02:59:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.440 | 142 | 726659 | 43.985 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.663 | 142 | 708656 | 41.809 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.793 | 216 | 413125 | 42.372 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.734 | 237 | 125219 | 22.771 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 13.051 | 196 | 252610 | 40.654 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.128 | 196 | 287008 | 43.868 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.457 | 154 | 1001271 | 43.953 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.504 | 162 | 796281 | 43.964 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.751 | 65 | 247310 | 49.139 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.098 | 163 | 1051754 | 45.079 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.245 | 165 | 217851 | 50.108 | ng/ul | 96 |
| 50) Acenaphthylene | 14.363 | 152 | 1240404 | 41.904 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.587 | 138 | 225579 | 54.428 | ng/ul | 96 |
| 52) Acenaphthene | 14.698 | 153 | 861705 | 44.102 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.798 | 184 | 111948 | 43.500 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.893 | 109 | 175994 | 48.214 | ng/ul | 93 |
| 56) Dibenzofuran | 15.034 | 168 | 1238694 | 45.045 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.040 | 165 | 327053 | 50.401 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232 | 224430 | 38.757 | ng/ul | 99 |
| 59) Diethylphthalate | 15.457 | 149 | 1063409 | 45.441 | ng/ul | 100 |
| 61) Fluorene | 15.692 | 166 | 1025870 | 45.170 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.687 | 204 | 525219 | 45.144 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.769 | 138 | 235018 | 60.330 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.792 | 198 | 193721 | 43.604 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.916 | 169 | 863124 | 46.275 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.592 | 248 | 329859 | 46.710 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.675 | 284 | 385396 | 46.342 | ng/ul | 97 |
| 70) Atrazine | 16.875 | 200 | 36579 | 5.069 | ng/ul | 100 |
| 71) Pentachlorophenol | 17.045 | 266 | 168071 | 33.384 | ng/ul | 97 |
| 72) Phenanthrene | 17.463 | 178 | 1633180 | 45.555 | ng/ul | 100 |
| 74) Anthracene | 17.557 | 178 | 1525913 | 41.759 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 42402 | 4.306 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.928 | 250 | 438093 | 44.820 | ng/uL | 98 |
| 77) Carbazole | 17.851 | 167 | 1516517 | 46.218 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.357 | 149 | 1874397 | 47.396 | ng/ul | 100 |
| 80) Fluoranthene | 19.445 | 202 | 2127288 | 45.425 | ng/ul | 99 |
| 82) Pyrene | 19.804 | 202 | 2219127 | 44.911 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.675 | 149 | 919824 | 47.401 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.486 | 252 | 755341 | 45.951 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.539 | 228 | 2279838 | 44.981 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.416 | 149 | 1332799 | 47.650 | ng/ul | 99 |
| 87) Chrysene | 21.598 | 228 | 2146743 | 45.312 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.404 | 149 | 2312470 | 48.450 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.333 | 252 | 2343623 | 49.482 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.386 | 252 | 2213936 | 46.884 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.021 | 252 | 2004978 | 45.282 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.880 | 276 | 2558483 | 47.266 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.910 | 278 | 2151799 | 47.178 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.739 | 276 | 2057316 | 47.380 | ng/ul | 99 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017572.D
Acq On : 05 Oct 2023 18:48
Operator : MA/JU
Sample : PB156008BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 06 02:59:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS008

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023