Quantitation Report (Qedit)

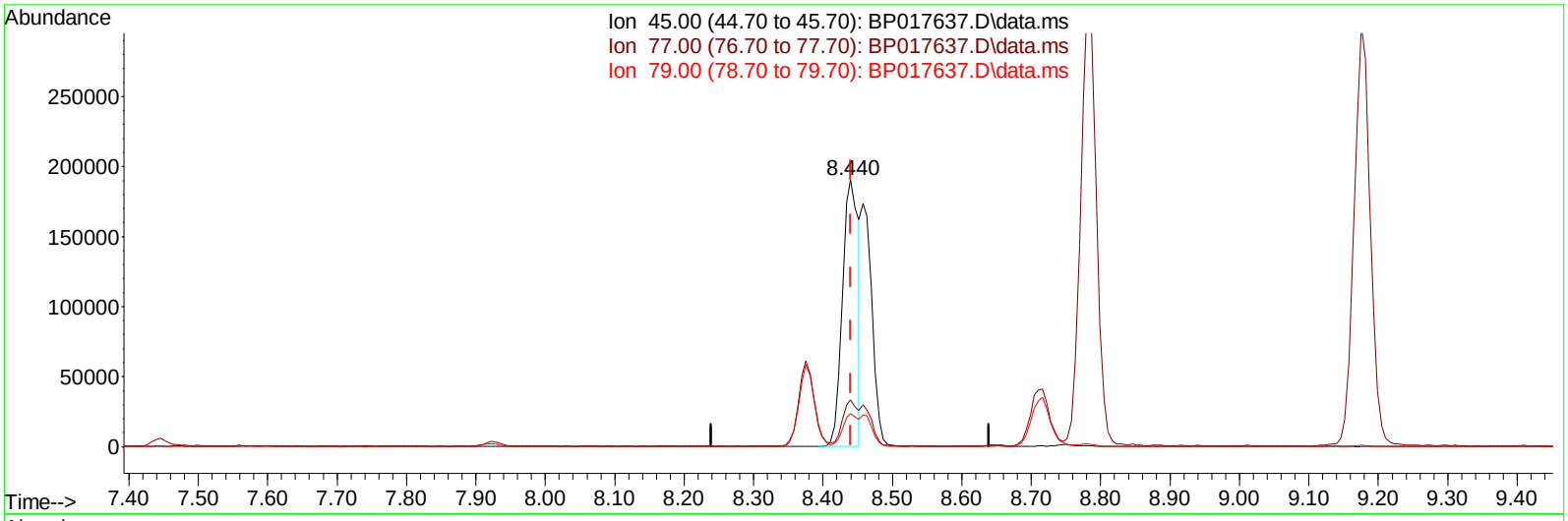
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

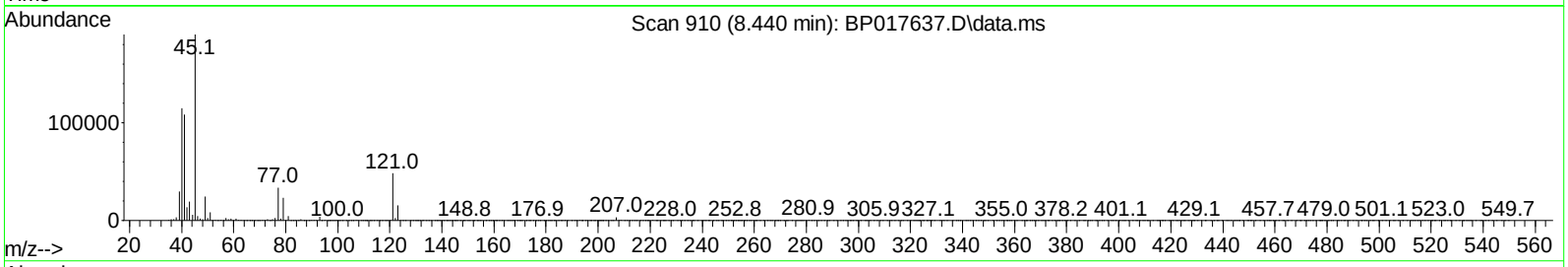
Quant Time: Oct 10 23:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

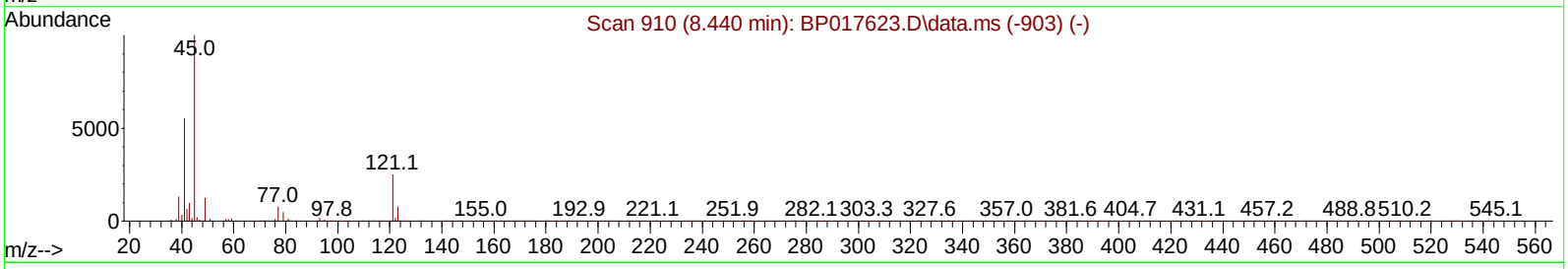
**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023




TIC: BP017637.D\data.ms

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

**8.440min (+ 0.000) 28.26 ng/ul**

**response 307258**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.80 | 17.66 |
| 79.00 | 13.00 | 12.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

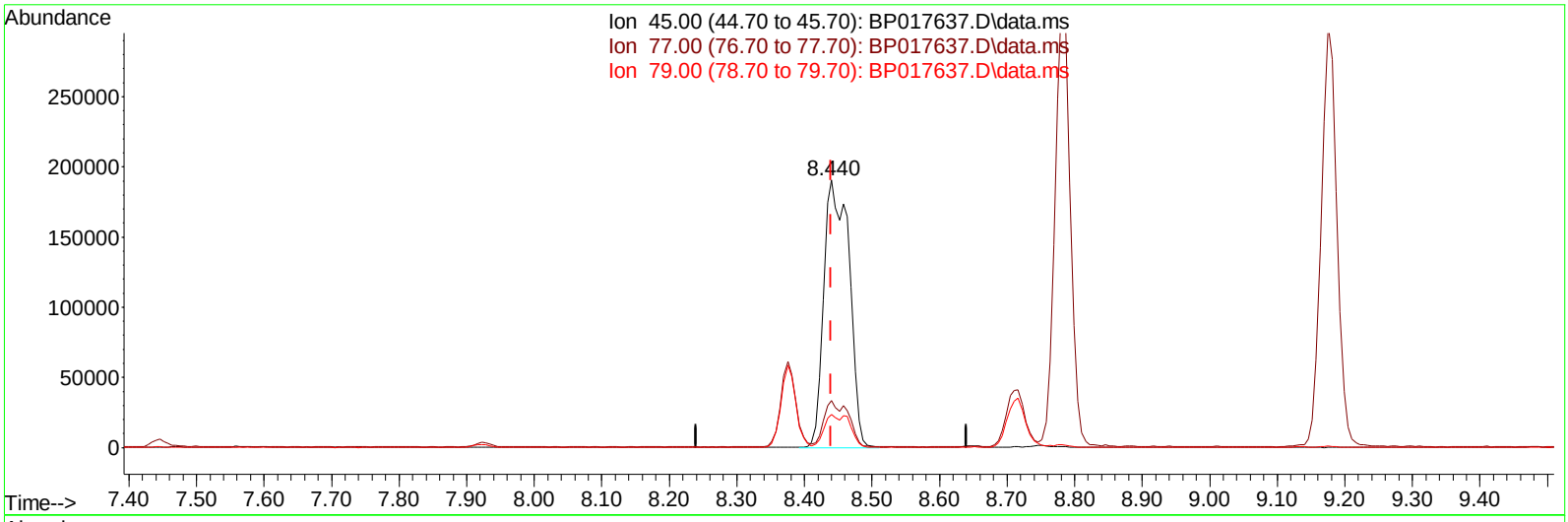
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

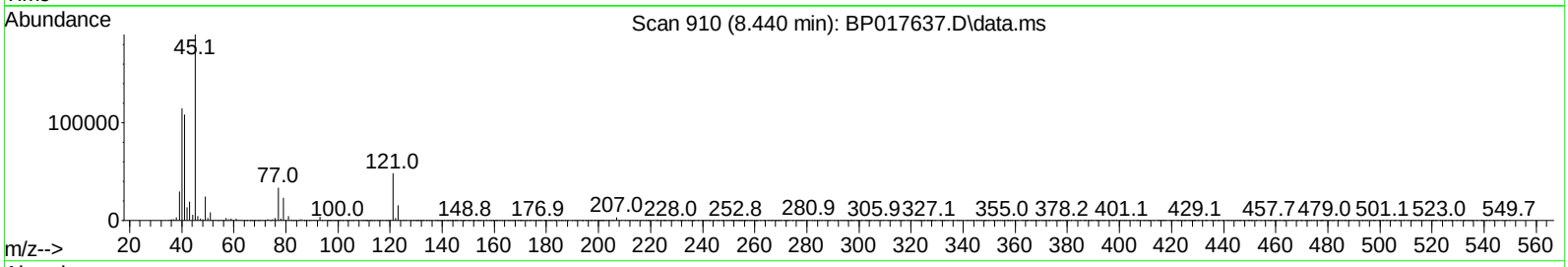
Quant Time: Oct 10 23:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

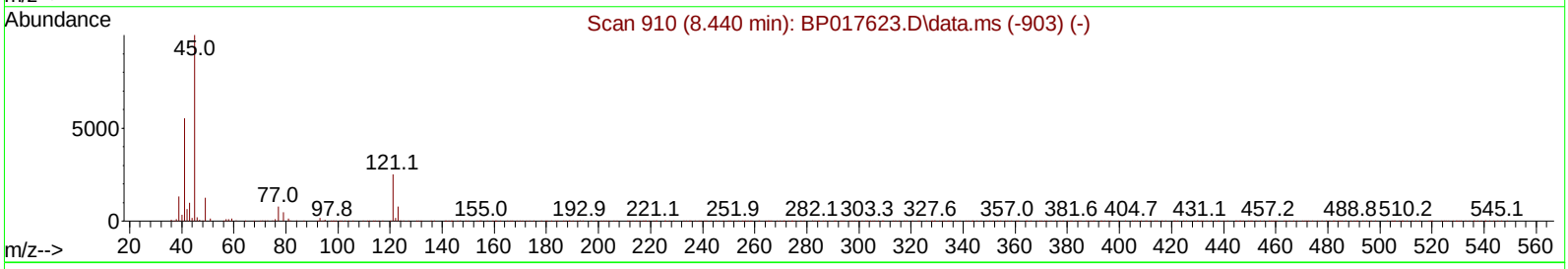
**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023




TIC: BP017637.D\data.ms

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

**8.440min (+ 0.000) 45.71 ng/ul m**

**response 496951**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.80 | 17.66 |
| 79.00 | 13.00 | 12.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

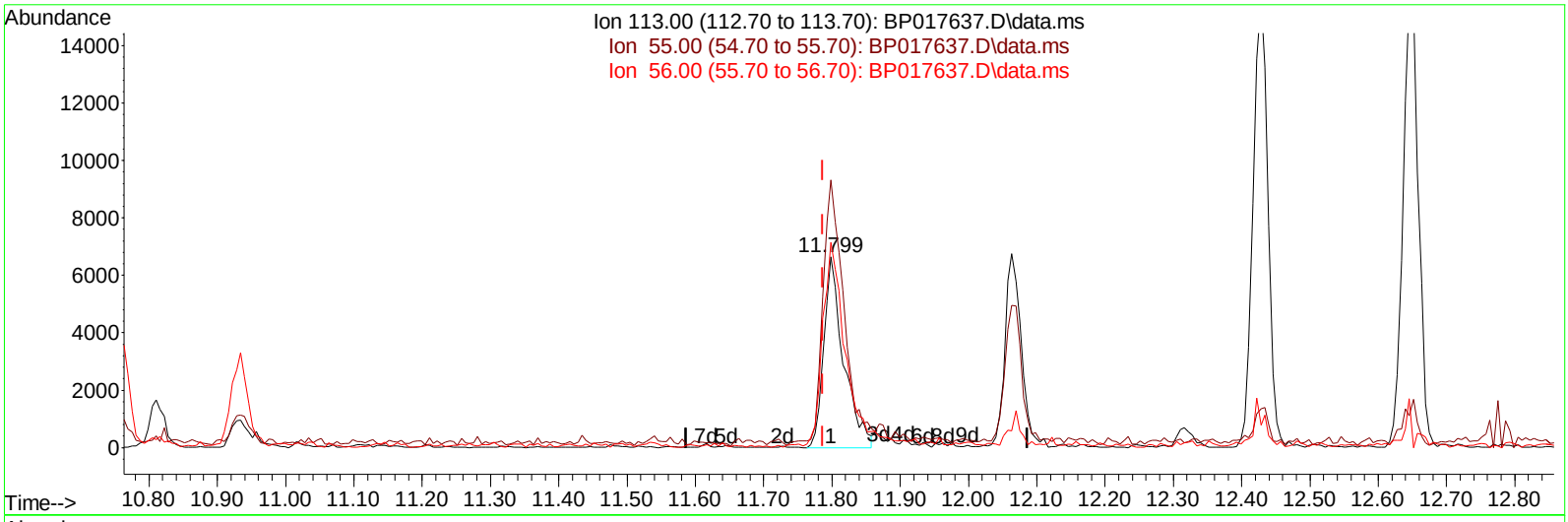
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

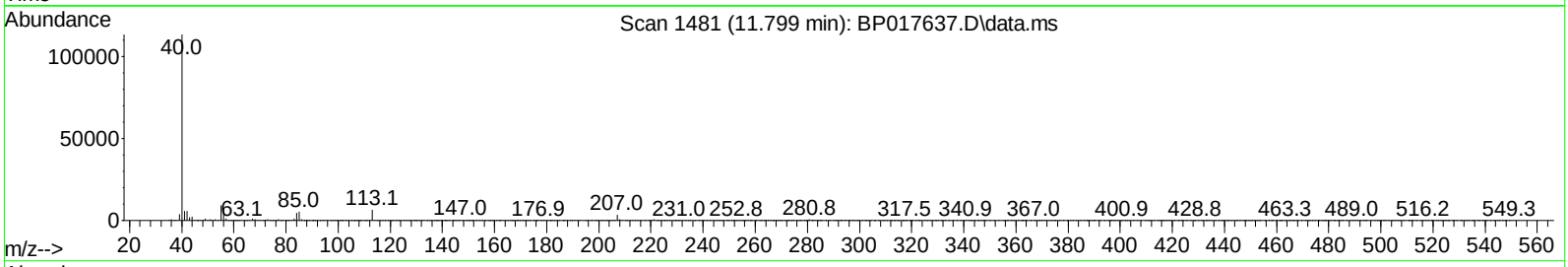
Quant Time: Oct 10 23:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

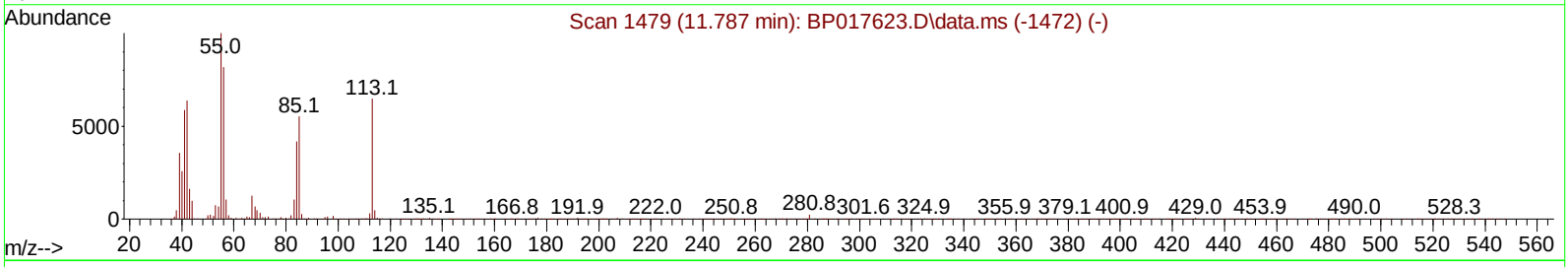
**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023




TIC: BP017637.D\data.ms

**(34) Caprolactam**

**11.799min (+ 0.012) 5.65 ng/ul**

**response 13288**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 155.20 | 140.07 |
| 56.00 | 126.50 | 107.63 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

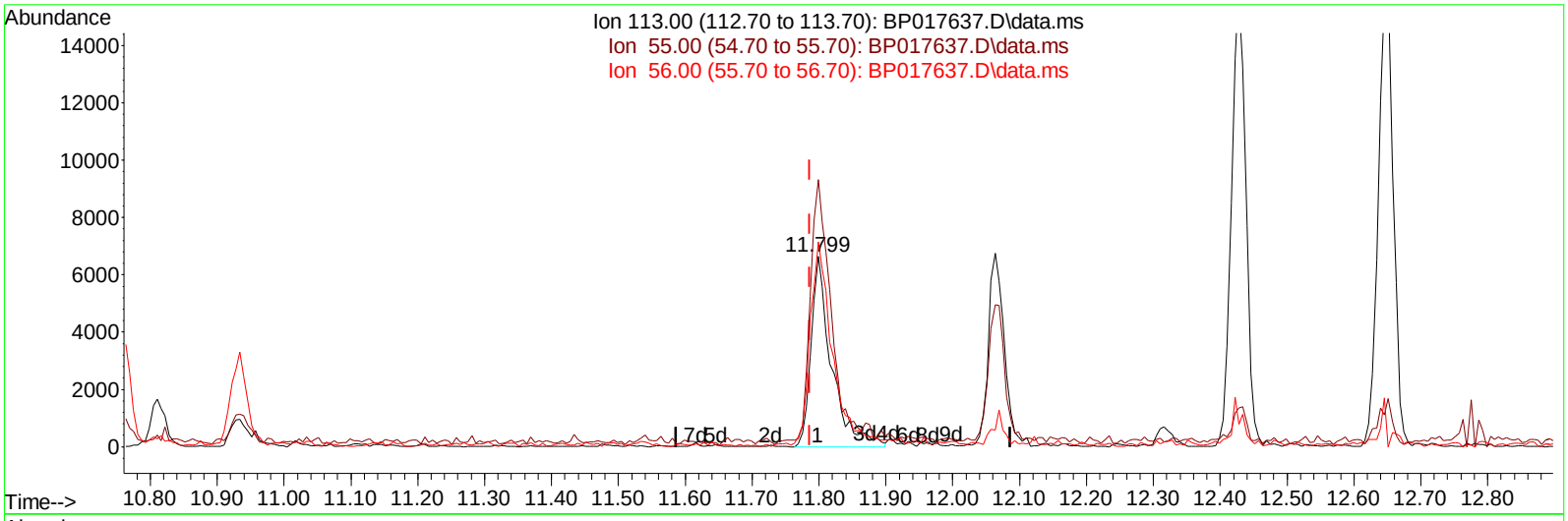
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

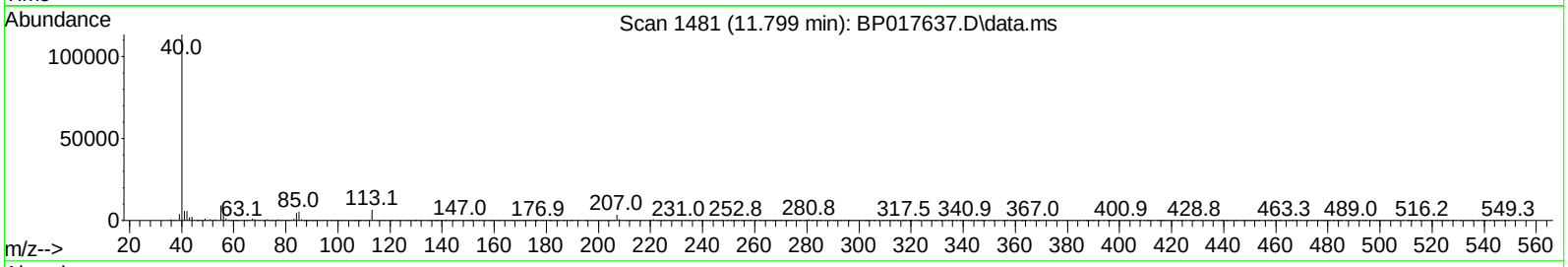
Quant Time: Oct 10 23:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

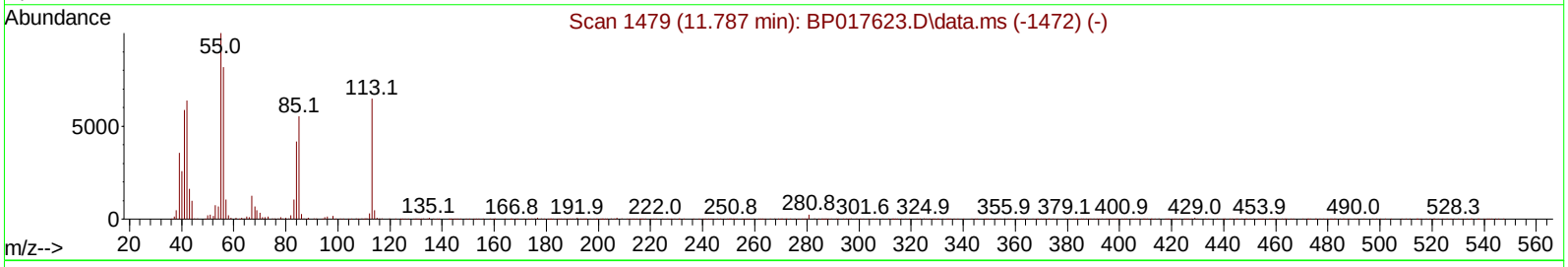
**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023




TIC: BP017637.D\data.ms

**(34) Caprolactam**

**11.799min (+ 0.012) 5.96 ng/ul m**

**response 14030**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 155.20 | 140.07 |
| 56.00 | 126.50 | 107.63 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 00:12:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.922 | 152 | 120438 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.763 | 136 | 489999 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.622 | 164 | 317738 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.410 | 188 | 725315 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 780935 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.127 | 264 | 846656 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.281 | 96 | 13939 | 4.695 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.717 | 84 | 104314 | 12.483 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.081 | 99 | 86714 | 8.514 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.269 | 67 | 283614 | 44.900 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.440 | 132 | 278138 | 34.716 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.646 | 113 | 173227 | 21.115 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.134 | 128 | 185834 | 49.219 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.852 | 143 | 199514 | 48.113 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.375 | 165 | 353013 | 43.831 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.934 | 131 | 395291 | 34.461 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.040 | 166 | 1289235 | 51.104 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.316 | 160 | 1348992 | 49.114 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.869 | 143 | 35053 | 9.168 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.628 | 176 | 1089424 | 49.379 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.769 | 200 | 239827 | 55.745 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.516 | 188 | 1838148 | 52.807 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.769 | 212 | 2336476 | 52.452 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.957 | 264 | 2414810 | 55.014 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 20677 | 6.548 | ng/uL | 97 |
| 5) Pyridine | 3.740 | 79 | 113423 | 13.114 | ng/ul | 98 |
| 6) Benzaldehyde | 7.087 | 77 | 279183 | 55.891 | ng/ul | 99 |
| 8) Phenol | 7.111 | 94 | 94623 | 9.168 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.364 | 93 | 384574 | 46.339 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.475 | 128 | 294307 | 35.977 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.375 | 108 | 202849 | 26.479 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.440 | 45 | 496951m | 45.712 | ng/ul | |
| 16) Acetophenone | 8.781 | 105 | 612218 | 47.510 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.746 | 70 | 318371 | 48.900 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.711 | 108 | 186156 | 22.263 | ng/ul | 93 |
| 19) Hexachloroethane | 8.987 | 117 | 136627 | 37.919 | ng/ul | 95 |
| 22) Nitrobenzene | 9.175 | 77 | 484047 | 48.624 | ng/ul | 95 |
| 23) Isophorone | 9.693 | 82 | 875812 | 50.252 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.881 | 139 | 219397 | 49.056 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.922 | 107 | 305585 | 33.444 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.181 | 93 | 528239 | 48.701 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.405 | 162 | 351488 | 44.165 | ng/ul | 99 |
| 30) Naphthalene | 10.810 | 128 | 1240099 | 45.466 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.957 | 127 | 386768 | 34.681 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.034 | 225 | 258570 | 42.792 | ng/ul | 98 |
| 34) Caprolactam | 11.799 | 113 | 14030m | 5.964 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.063 | 107 | 335392 | 40.290 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 00:12:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.428 | 142 | 887302 | 47.662 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.646 | 142 | 873952 | 45.538 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.781 | 216 | 522758 | 47.988 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.722 | 237 | 192285 | 35.027 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.040 | 196 | 335075 | 50.119 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.116 | 196 | 360726 | 51.178 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.446 | 154 | 1215935 | 48.735 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.493 | 162 | 973478 | 48.549 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.740 | 65 | 301767 | 57.437 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.087 | 163 | 1329221 | 52.453 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.240 | 165 | 270920 | 58.739 | ng/ul | 93 |
| 50) Acenaphthylene | 14.351 | 152 | 1587671 | 50.206 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.581 | 138 | 251888 | 58.873 | ng/ul | 91 |
| 52) Acenaphthene | 14.687 | 153 | 1062313 | 49.658 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.787 | 184 | 138681 | 48.036 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.887 | 109 | 30975 | 8.849 | ng/ul | 90 |
| 56) Dibenzofuran | 15.028 | 168 | 1530090 | 49.858 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.028 | 165 | 410126 | 58.892 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.246 | 232 | 347663 | 54.263 | ng/ul | 93 |
| 59) Diethylphthalate | 15.445 | 149 | 1378443 | 54.314 | ng/ul | 99 |
| 61) Fluorene | 15.681 | 166 | 1289102 | 51.182 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.675 | 204 | 677934 | 50.632 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.757 | 138 | 260064 | 64.968 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.787 | 198 | 262664 | 57.222 | ng/ul# | 93 |
| 67) N-Nitrosodiphenylamine | 15.904 | 169 | 1105803 | 54.085 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.587 | 248 | 443871 | 54.028 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.663 | 284 | 529149 | 54.074 | ng/ul | 97 |
| 70) Atrazine | 16.869 | 200 | 401893 | 50.504 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.040 | 266 | 310184 | 54.356 | ng/ul | 96 |
| 72) Phenanthrene | 17.457 | 178 | 2199603 | 54.235 | ng/ul | 99 |
| 74) Anthracene | 17.551 | 178 | 2211641 | 53.989 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.399 | 216 | 527468 | 48.366 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.916 | 250 | 530890 | 47.750 | ng/uL | 99 |
| 77) Carbazole | 17.839 | 167 | 2032897 | 56.240 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.351 | 149 | 2448923 | 58.890 | ng/ul | 99 |
| 80) Fluoranthene | 19.439 | 202 | 2789661 | 54.019 | ng/ul | 100 |
| 82) Pyrene | 19.798 | 202 | 2906006 | 53.300 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.669 | 149 | 1163745 | 60.400 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.480 | 252 | 804582 | 49.115 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.539 | 228 | 3074263 | 54.354 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 1700733 | 62.682 | ng/ul | 99 |
| 87) Chrysene | 21.592 | 228 | 2845859 | 53.841 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.398 | 149 | 2888115 | 57.579 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.327 | 252 | 3018310 | 55.118 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.380 | 252 | 3081587 | 55.838 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.016 | 252 | 2840958 | 55.769 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.868 | 276 | 3469315 | 56.968 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.898 | 278 | 2895314 | 58.054 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.721 | 276 | 2769035 | 55.793 | ng/ul | 99 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
Data File : BP017637.D
Acq On : 10 Oct 2023 14:55
Operator : MA/JU
Sample : 04676-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 00:12:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ01MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023