Quantitation Report (Qedit)

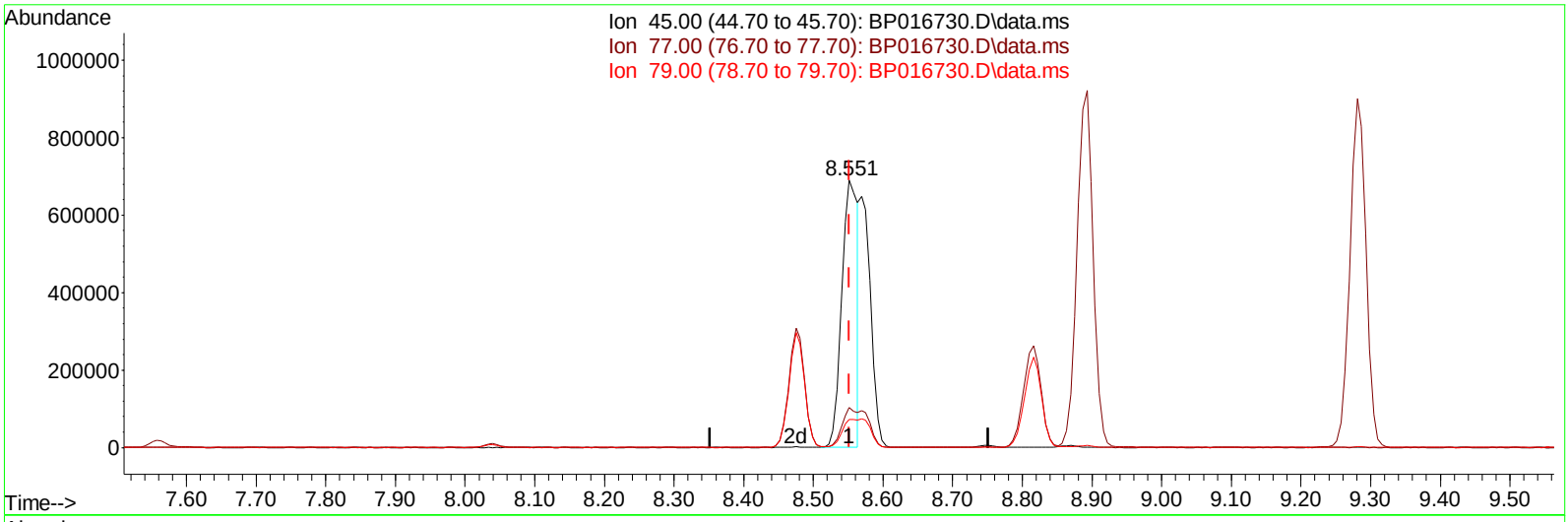
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
Data File : BP016730.D
Acq On : 24 Aug 2023 16:13
Operator : MA/JU
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

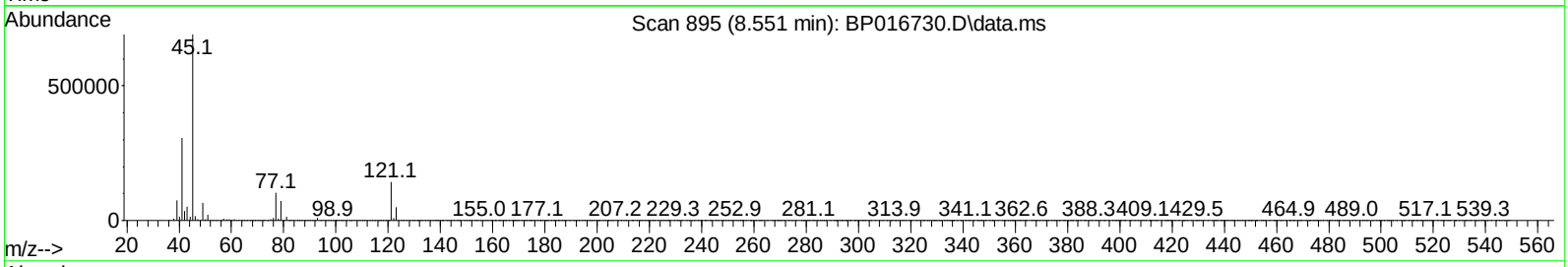
Quant Time: Aug 25 00:55:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 00:53:07 2023
Response via : Initial Calibration

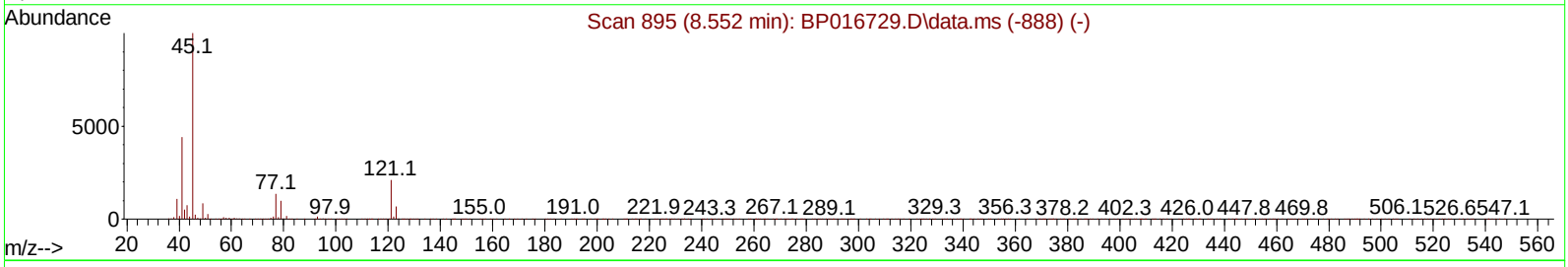
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023




TIC: BP016730.D\data.ms

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

**8.551min (-0.000) 24.89 ng/ul**

**response 1101029**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.90 | 14.90 |
| 79.00 | 10.30 | 10.61 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
SSTD040634

**Manual IntegrationsAPPROVED**

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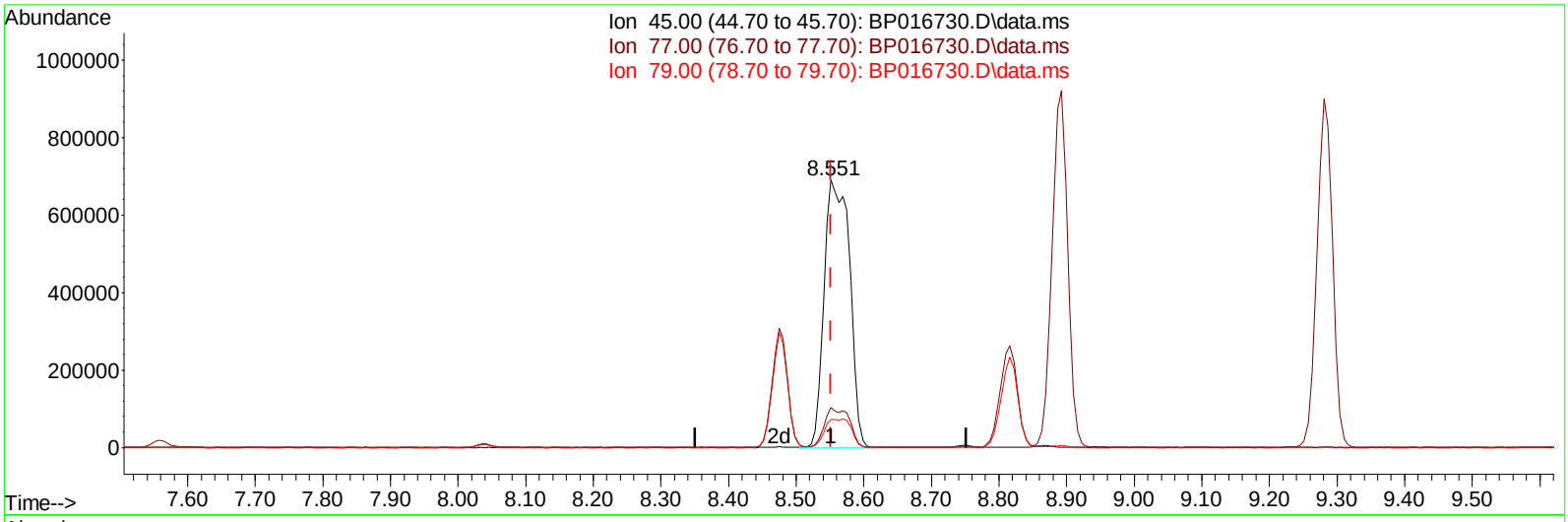


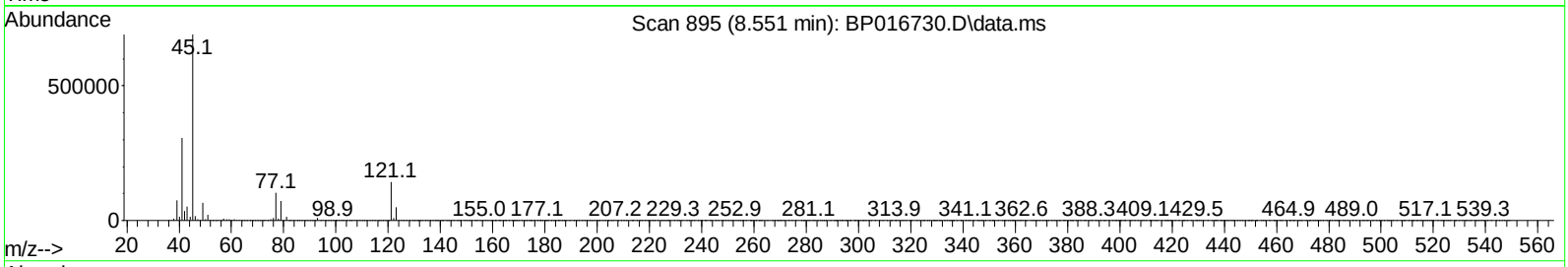


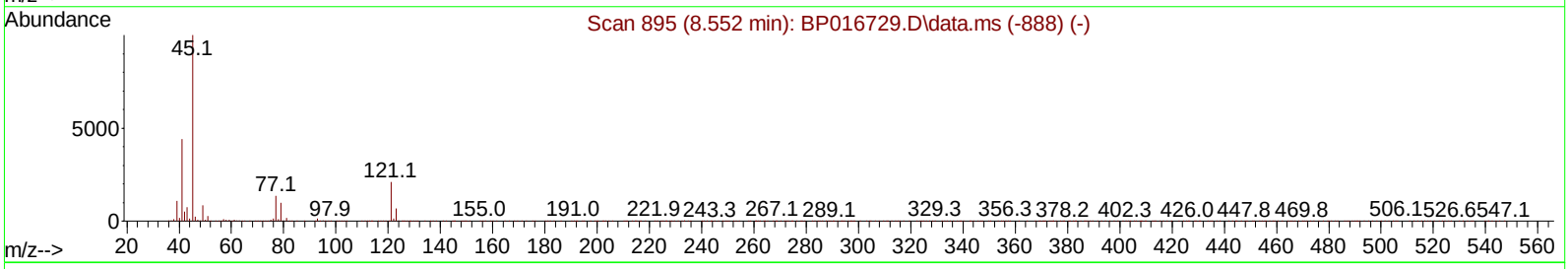


TIC: BP016730.D\data.ms

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

**8.551min (-0.000) 40.95 ng/ul m**

**response 1811470**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.90 | 14.90 |
| 79.00 | 10.30 | 10.61 |
| 0.00 | 0.00 | 0.00 |

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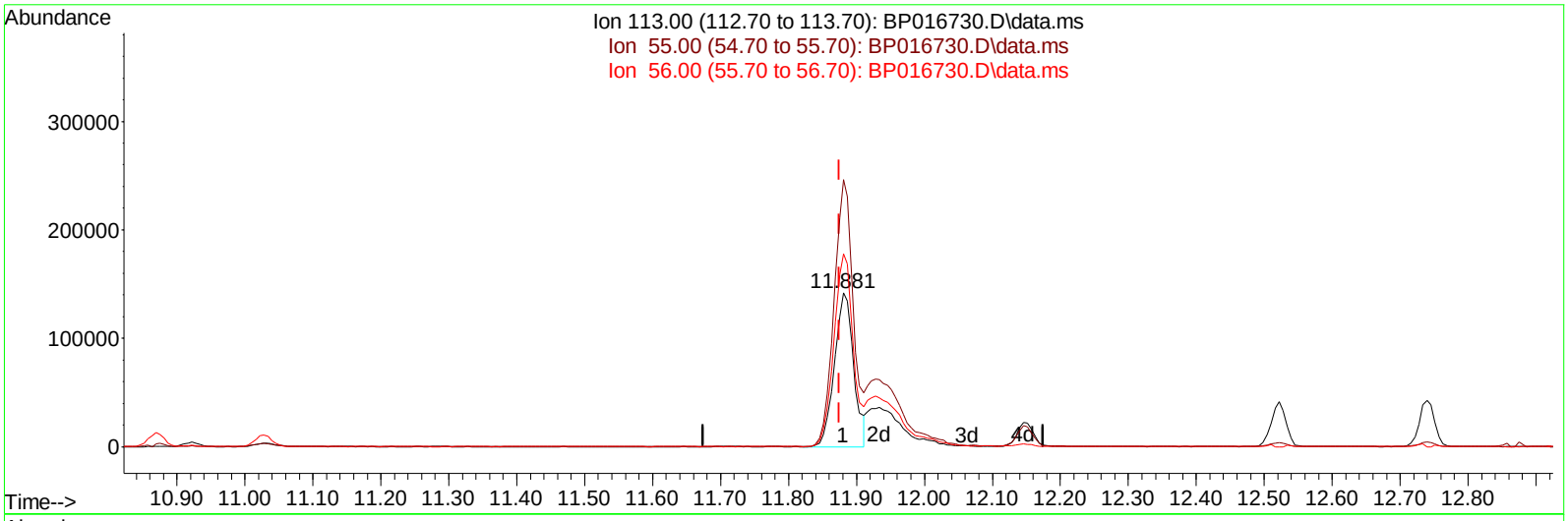


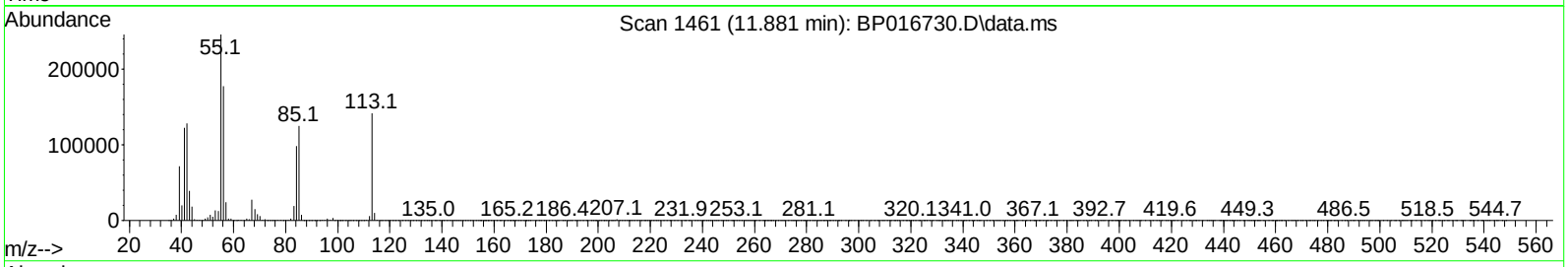


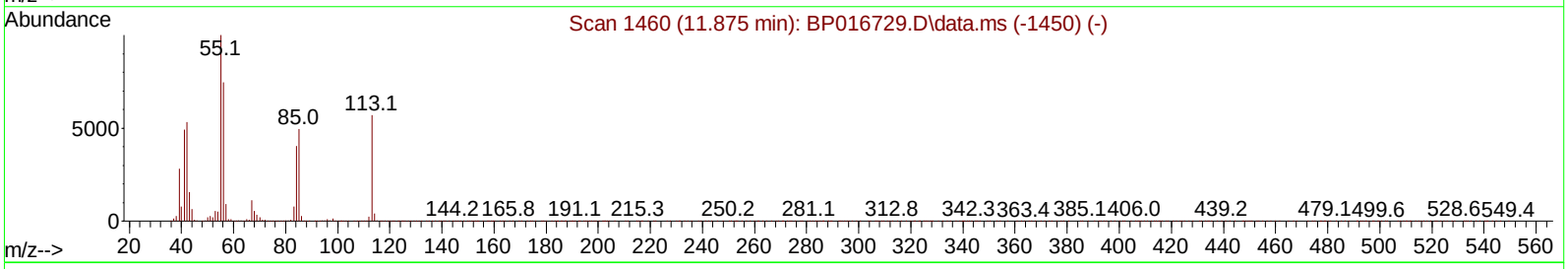


TIC: BP016730.D\data.ms

**(34) Caprolactam**

**11.881min (+ 0.006) 28.08 ng/ul**

**response 276291**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.70 | 173.32 |
| 56.00 | 130.60 | 125.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 01:27:37 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 00:53:07 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040634

**Manual IntegrationsAPPROVED**

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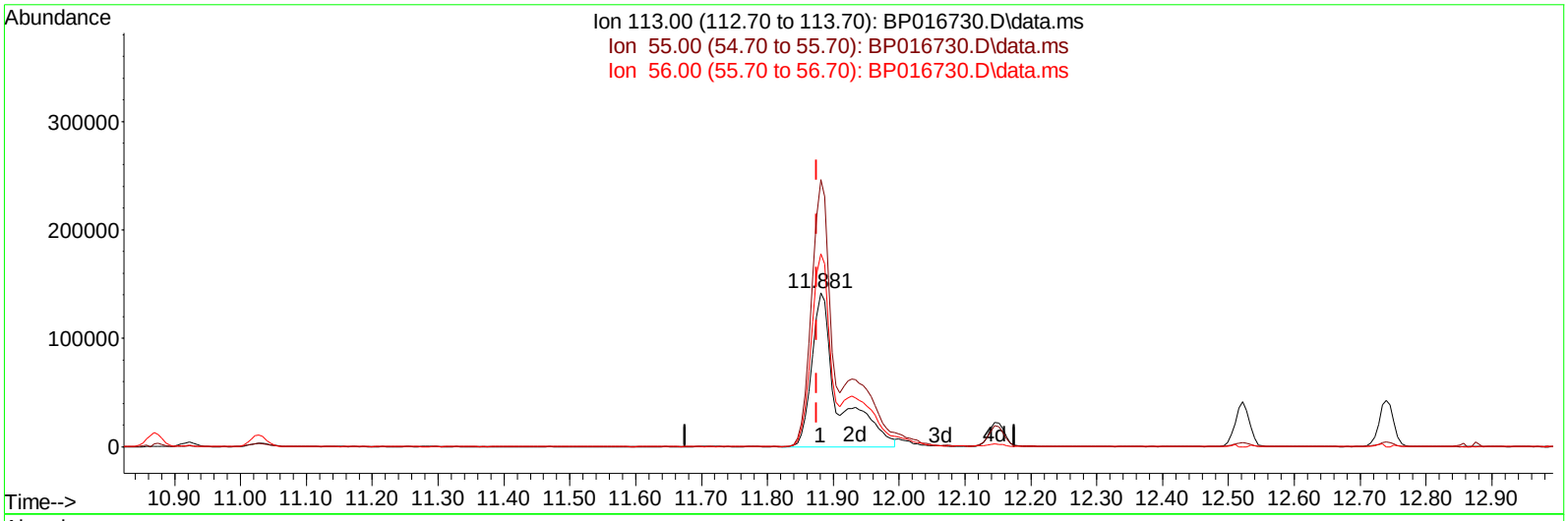


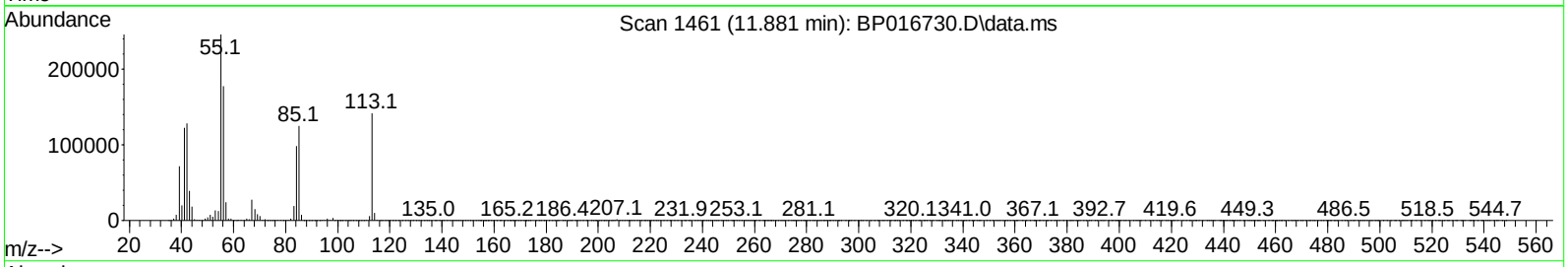


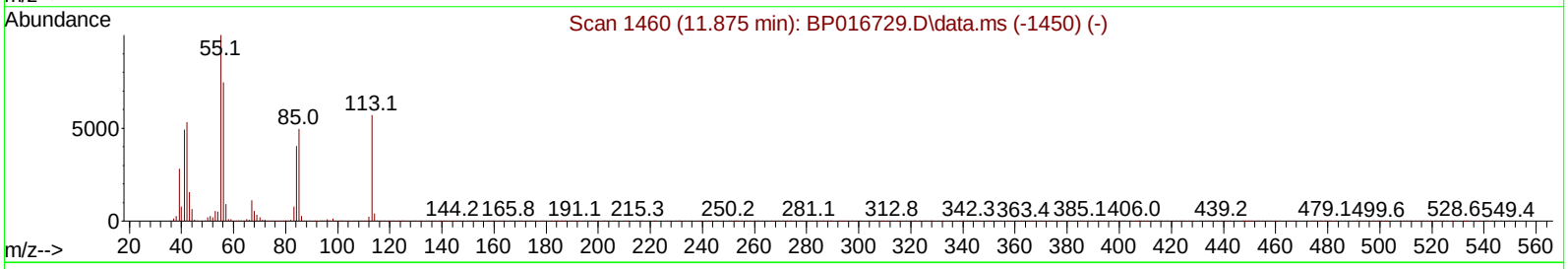


TIC: BP016730.D\data.ms

**(34) Caprolactam**

**11.881min (+ 0.006) 40.24 ng/ul m**

**response 395920**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.70 | 173.32 |
| 56.00 | 130.60 | 125.28 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 5 Sample Multiplier: 1

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QLast Update : Fri Aug 25 00:53:07 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.040 | 152 | 403717 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.869 | 136 | 1772667 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.692 | 164 | 1098838 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.457 | 188 | 2422348 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.557 | 240 | 2157689 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.127 | 264 | 1980429 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.387 | 96 | 169050 | 17.306 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 1241385 | 41.586 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.181 | 99 | 1460387 | 40.681 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.375 | 67 | 933595 | 40.804 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.557 | 132 | 1143017 | 42.348 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.746 | 113 | 1190088 | 40.610 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.240 | 128 | 581968 | 43.420 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.951 | 143 | 629279 | 44.542 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.481 | 165 | 1133814 | 43.048 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.028 | 131 | 1669746 | 41.339 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.104 | 166 | 3427607 | 41.363 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.392 | 160 | 3979491 | 42.480 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.904 | 143 | 694505 | 40.548 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.686 | 176 | 2882040 | 41.300 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.816 | 200 | 595701 | 41.294 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.563 | 188 | 4475834 | 41.685 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.792 | 212 | 5182345 | 43.731 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.962 | 264 | 4225276 | 42.593 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.422 | 88 | 178284 | 16.760 | ng/uL | 99 |
| 5) Pyridine | 3.840 | 79 | 1274565 | 41.451 | ng/ul | 99 |
| 6) Benzaldehyde | 7.193 | 77 | 835546 | 42.561 | ng/ul | 99 |
| 8) Phenol | 7.210 | 94 | 1527164 | 40.649 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.469 | 93 | 1243708 | 41.012 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.593 | 128 | 1154736 | 41.855 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.475 | 108 | 1147823 | 40.730 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.551 | 45 | 1811470m | 40.946 | ng/ul | |
| 16) Acetophenone | 8.893 | 105 | 1868699 | 41.124 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.869 | 70 | 1007820 | 42.085 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.816 | 108 | 1247712 | 40.658 | ng/ul | 98 |
| 19) Hexachloroethane | 9.110 | 117 | 475885 | 41.456 | ng/ul | 99 |
| 22) Nitrobenzene | 9.281 | 77 | 1444181 | 42.000 | ng/ul | 100 |
| 23) Isophorone | 9.798 | 82 | 2825133 | 42.303 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.987 | 139 | 682203 | 43.671 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 10.022 | 107 | 1315229 | 41.890 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.281 | 93 | 1715802 | 41.644 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.504 | 162 | 1120818 | 42.364 | ng/ul | 99 |
| 30) Naphthalene | 10.922 | 128 | 3767683 | 41.030 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.051 | 127 | 1637764 | 41.260 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.151 | 225 | 669433 | 41.077 | ng/ul | 98 |
| 34) Caprolactam | 11.881 | 113 | 395920m | 40.236 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.145 | 107 | 1253636 | 42.255 | ng/ul | 99 |

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Misc :
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/25/2023
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.522 | 142 | 2613601 | 41.235 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.739 | 142 | 2628288 | 41.121 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.869 | 216 | 1315932 | 42.018 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.822 | 237 | 830778 | 36.071 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.122 | 196 | 909915 | 43.507 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.187 | 196 | 983930 | 43.477 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.528 | 154 | 3393241 | 41.533 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.575 | 162 | 2692733 | 41.751 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.804 | 65 | 858124 | 43.873 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.151 | 163 | 3440042 | 40.990 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.292 | 165 | 728424 | 44.302 | ng/ul | 99 |
| 50) Acenaphthylene | 14.422 | 152 | 4463411 | 41.628 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.634 | 138 | 707969 | 41.344 | ng/ul | 97 |
| 52) Acenaphthene | 14.757 | 153 | 2927258 | 41.267 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.828 | 184 | 416426 | 34.848 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.916 | 109 | 524035 | 40.512 | ng/ul | 98 |
| 56) Dibenzofuran | 15.092 | 168 | 3961950 | 40.706 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.075 | 165 | 1054168 | 43.551 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.304 | 232 | 815653 | 42.335 | ng/ul | 99 |
| 59) Diethylphthalate | 15.504 | 149 | 3482684 | 40.849 | ng/ul | 99 |
| 61) Fluorene | 15.745 | 166 | 3298997 | 40.523 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.733 | 204 | 1635993 | 40.930 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.804 | 138 | 673318 | 41.322 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.828 | 198 | 637235 | 40.972 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.957 | 169 | 2788716 | 41.624 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.633 | 248 | 963038 | 41.467 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.716 | 284 | 1057974 | 40.686 | ng/ul | 95 |
| 70) Atrazine | 16.910 | 200 | 1073972 | 42.519 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.080 | 266 | 739357 | 38.303 | ng/ul | 100 |
| 72) Phenanthrene | 17.504 | 178 | 5226205 | 40.982 | ng/ul | 99 |
| 74) Anthracene | 17.598 | 178 | 5321310 | 41.268 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.481 | 216 | 1395600 | 43.028 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.981 | 250 | 1210192 | 41.751 | ng/uL | 98 |
| 77) Carbazole | 17.875 | 167 | 4868402 | 41.922 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.386 | 149 | 6118705 | 42.231 | ng/ul | 100 |
| 80) Fluoranthene | 19.463 | 202 | 6250282 | 43.907 | ng/ul | 99 |
| 82) Pyrene | 19.821 | 202 | 6321101 | 42.987 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.674 | 149 | 2855241 | 45.024 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.474 | 252 | 1982423 | 42.985 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.539 | 228 | 6187433 | 41.632 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 4133193 | 44.636 | ng/ul | 100 |
| 87) Chrysene | 21.598 | 228 | 5607046 | 41.532 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.392 | 149 | 6865498 | 46.029 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.327 | 252 | 5330643 | 42.151 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.380 | 252 | 5478791 | 43.805 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.015 | 252 | 4879787 | 42.659 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.868 | 276 | 4720869 | 40.387 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.898 | 278 | 3944189 | 40.626 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.727 | 276 | 3572356 | 40.311 | ng/ul | 99 |

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

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BNA_P
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