Quantitation Report (Qedit)

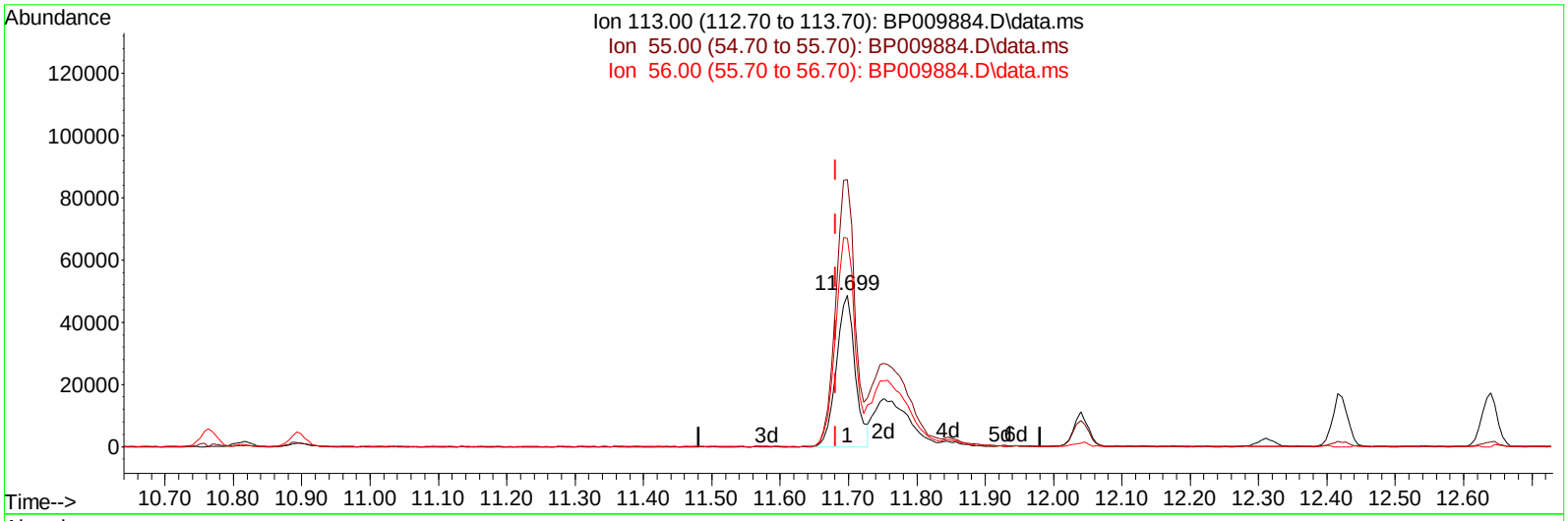
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
Data File : BP009884.D
Acq On : 16 Apr 2022 04:31
Operator : CG/JU
Sample : PB144126BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

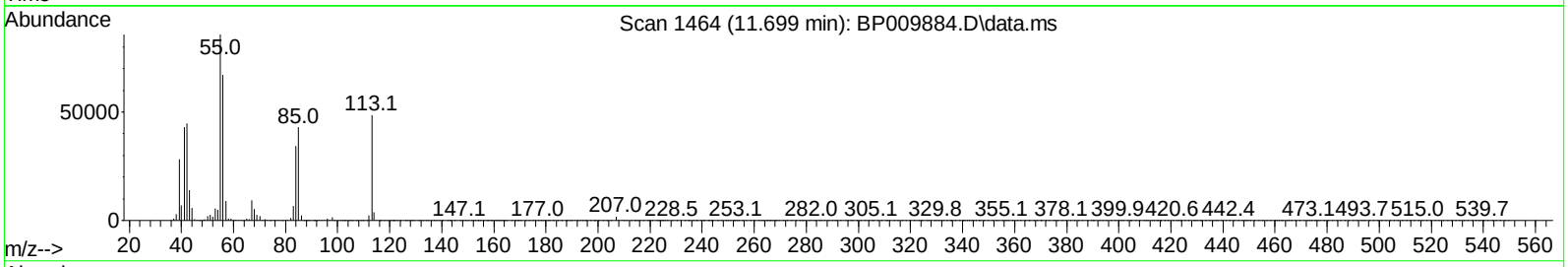
Quant Time: Apr 18 01:08:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

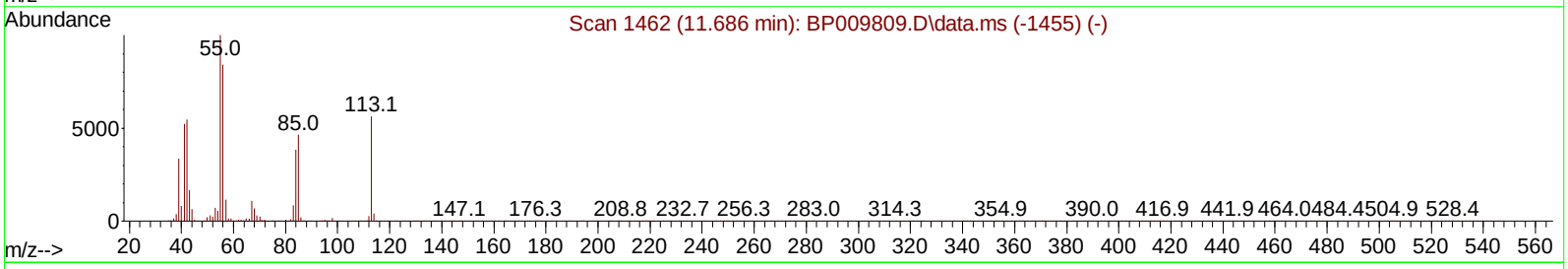
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS126

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022




TIC: BP009884.D\data.ms

**(34) Caprolactam**

**11.699min (+ 0.018) 26.15 ng/ul**

**response 93412**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 72.70 | 176.15# |
| 56.00 | 85.80 | 137.75# |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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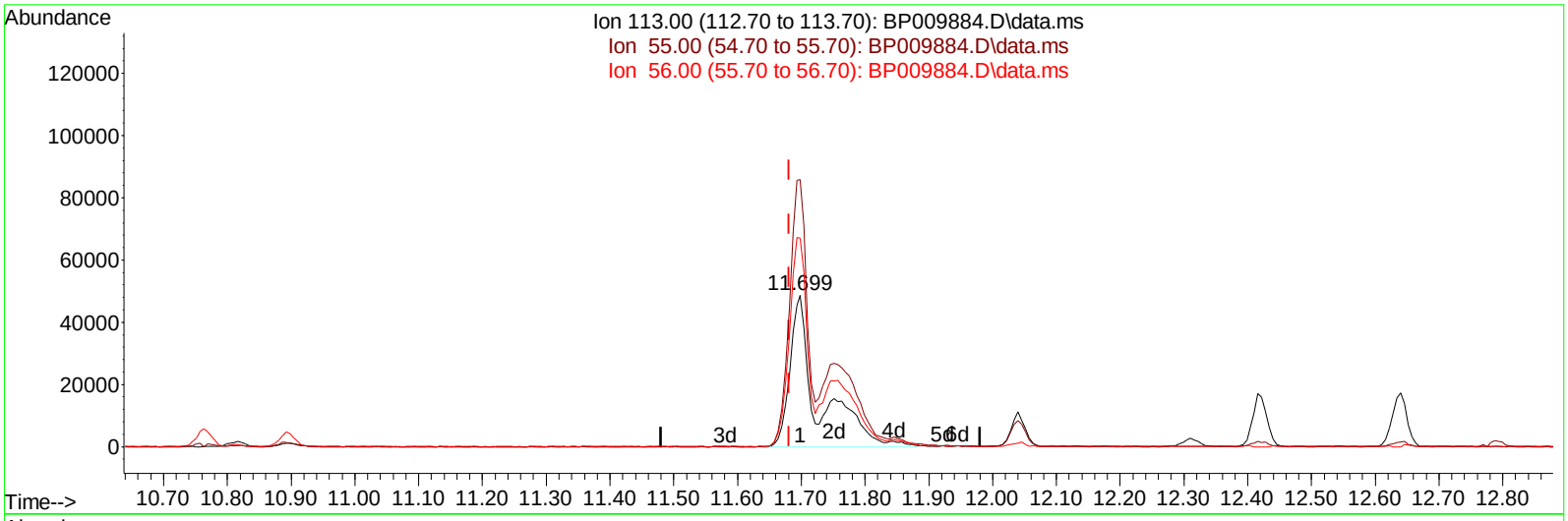


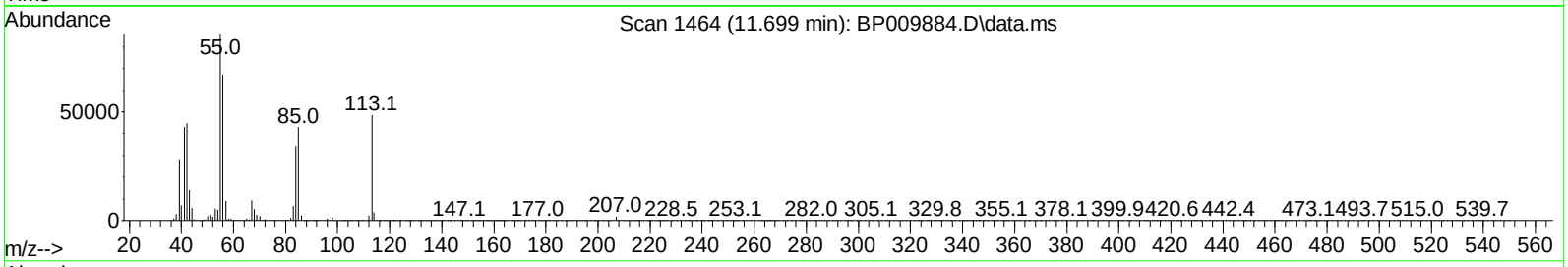


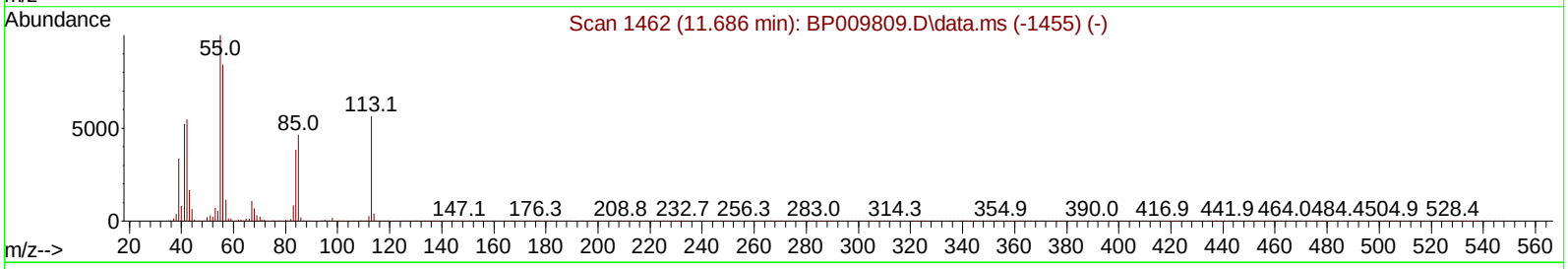


TIC: BP009884.D\data.ms

**(34) Caprolactam**

**11.699min (+ 0.018) 42.37 ng/ul m**

**response 151365**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 72.70 | 176.15# |
| 56.00 | 85.80 | 137.75# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
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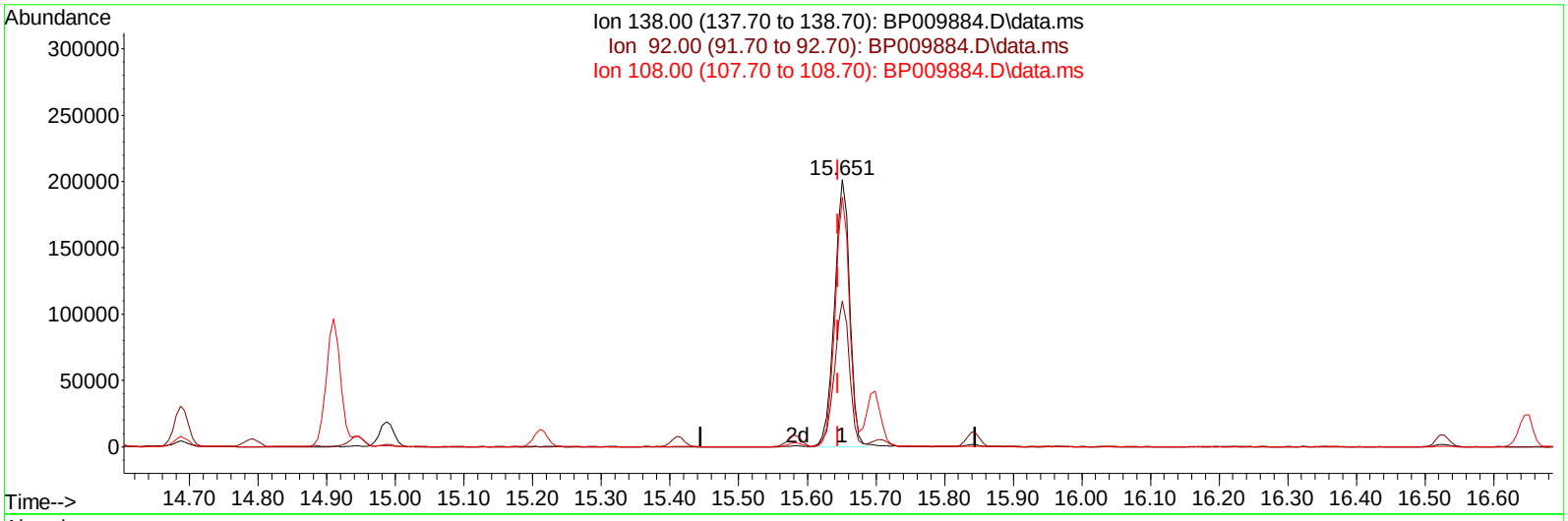


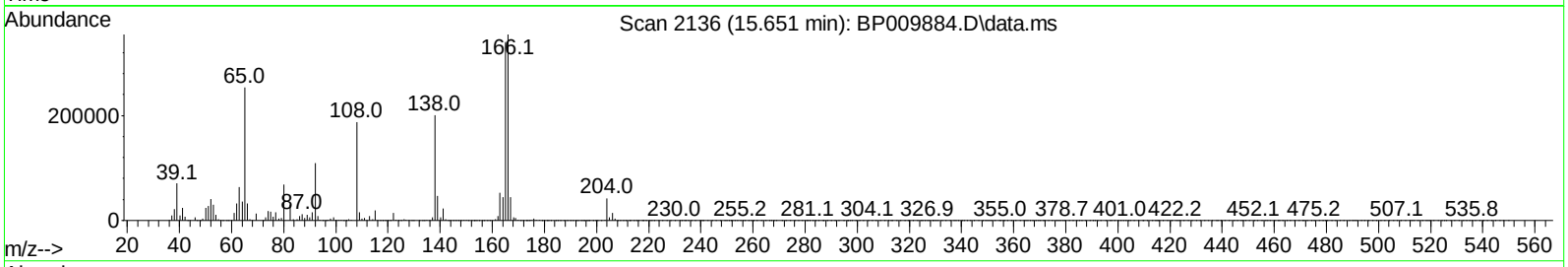


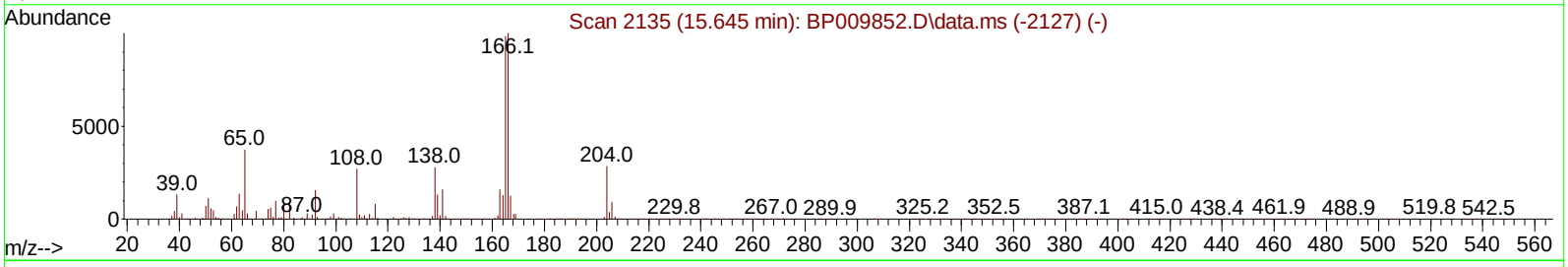


TIC: BP009884.D\data.ms

**(63) 4-Nitroaniline**

**15.651min (+ 0.006) 43.85 ng/ul**

**response 309508**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 52.00 | 54.61 |
| 108.00 | 122.00 | 93.48# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
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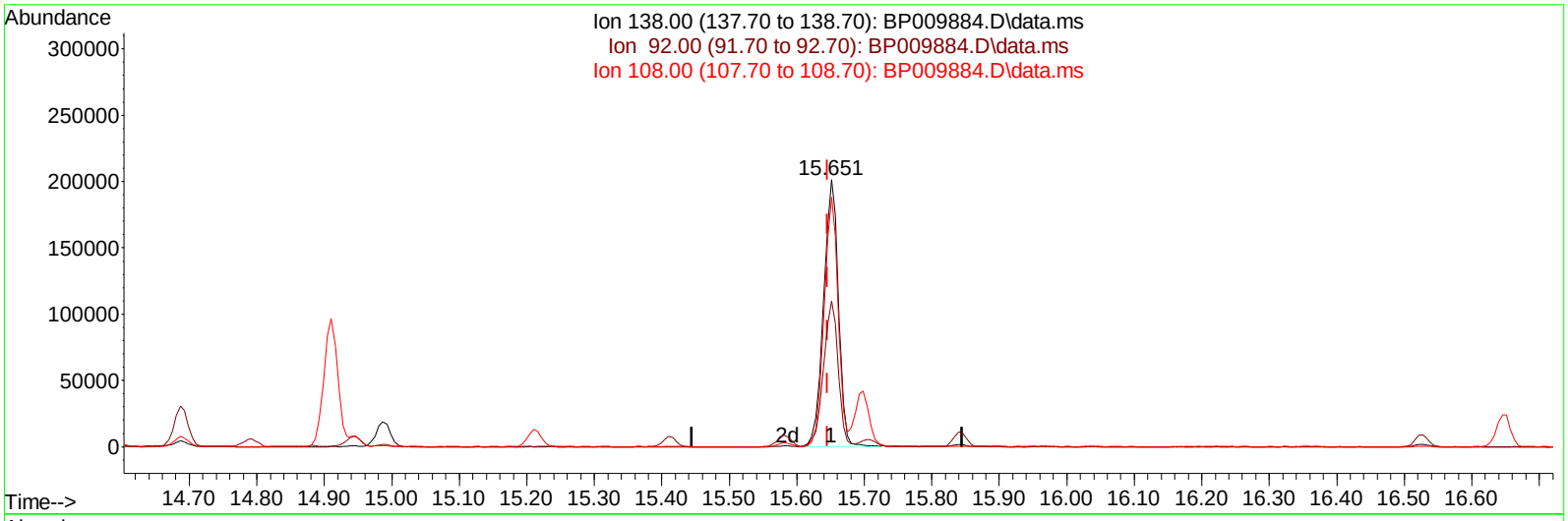
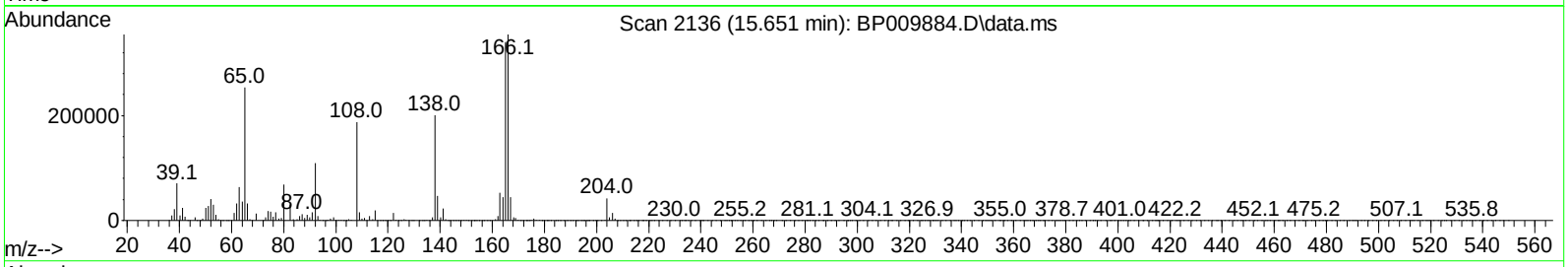
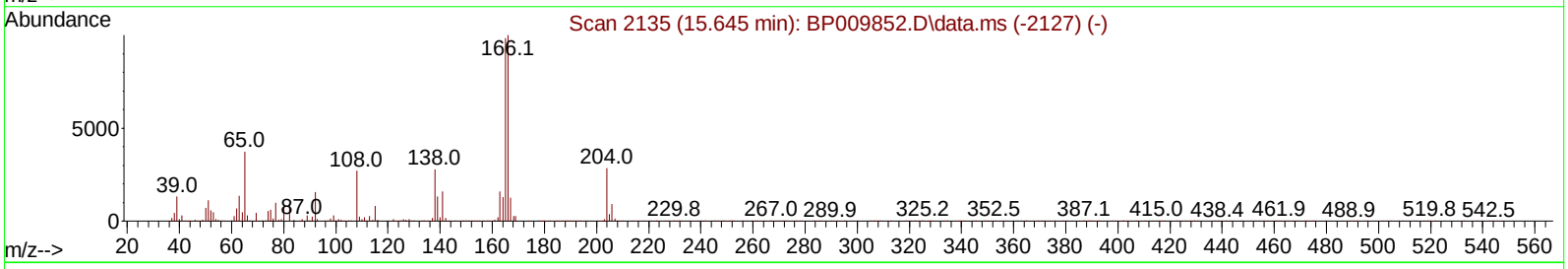
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS126

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022




TIC: BP009884.D\data.ms

**(63) 4-Nitroaniline**

**15.651min (+ 0.006) 44.13 ng/ul m**

**response 311485**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 52.00 | 54.61 |
| 108.00 | 122.00 | 93.48# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BP009884.D
Acq On : 16 Apr 2022 04:31
Operator : CG/JU
Sample : PB144126BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 18 01:08:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS126

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.958 | 152 | 149083 | 20.000 | ng/ul | | 0.00 |
| 20) Naphthalene-d8 | 10.763 | 136 | 673540 | 20.000 | ng/ul | | 0.00 |
| 38) Acenaphthene-d10 | 14.587 | 164 | 487412 | 20.000 | ng/ul | | 0.00 |
| 64) Phenanthrene-d10 | 17.339 | 188 | 1103483 | 20.000 | ng/ul | # | 0.00 |
| 79) Chrysene-d12 | 21.422 | 240 | 1102076 | 20.000 | ng/ul | # | 0.00 |
| 88) Perylene-d12 | 23.880 | 264 | 985483 | 20.000 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 23180 | 6.939 | ng/uL | | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 320688 | 34.819 | ng/ul | | 0.00 |
| 7) Phenol-d5 | 7.111 | 99 | 477172 | 36.457 | ng/ul | | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 296257 | 38.020 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.487 | 132 | 381136 | 38.604 | ng/ul | | 0.00 |
| 15) 4-Methylphenol-d8 | 8.663 | 113 | 420768 | 38.510 | ng/ul | | 0.00 |
| 21) Nitrobenzene-d5 | 9.116 | 128 | 203138 | 41.823 | ng/ul | | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.840 | 143 | 227385 | 42.701 | ng/ul | | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.381 | 165 | 427753 | 38.387 | ng/ul | | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.893 | 131 | 579265 | 36.499 | ng/ul | | 0.00 |
| 46) Dimethylphthalate-d6 | 13.998 | 166 | 1452067 | 37.926 | ng/ul | | 0.00 |
| 49) Acenaphthylene-d8 | 14.281 | 160 | 1650005 | 36.376 | ng/ul | | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.775 | 143 | 264313 | 38.066 | ng/ul | | 0.00 |
| 60) Fluorene-d10 | 15.581 | 176 | 1236197 | 38.381 | ng/ul | | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200 | 267318 | 40.893 | ng/ul | | 0.00 |
| 73) Anthracene-d10 | 17.439 | 188 | 1995501 | 37.769 | ng/ul | | 0.00 |
| 81) Pyrene-d10 | 19.669 | 212 | 2397097 | 39.825 | ng/ul | | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.727 | 264 | 2054880 | 40.040 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.417 | 88 | 43993 | 12.919 | ng/uL | # | 23 |
| 5) Pyridine | 3.817 | 79 | 331821 | 34.531 | ng/ul | # | 45 |
| 6) Benzaldehyde | 7.087 | 77 | 315712 | 39.331 | ng/ul | | 96 |
| 8) Phenol | 7.140 | 94 | 505456 | 38.581 | ng/ul | # | 91 |
| 10) Bis(2-Chloroethyl)ether | 7.375 | 93 | 388298 | 38.049 | ng/ul | # | 77 |
| 12) 2-Chlorophenol | 7.516 | 128 | 386236 | 38.804 | ng/ul | | 93 |
| 13) 2-Methylphenol | 8.399 | 108 | 390877 | 38.261 | ng/ul | | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.493 | 45 | 577680 | 38.295 | ng/ul | # | 84 |
| 16) Acetophenone | 8.781 | 105 | 649334 | 37.720 | ng/ul | # | 80 |
| 17) N-Nitroso-di-n-propyla... | 8.775 | 70 | 345375 | 38.698 | ng/ul | # | 72 |
| 18) 4-Methylphenol | 8.728 | 108 | 429219 | 38.797 | ng/ul | | 93 |
| 19) Hexachloroethane | 9.046 | 117 | 159668 | 37.994 | ng/ul | | 83 |
| 22) Nitrobenzene | 9.158 | 77 | 505719 | 40.564 | ng/ul | # | 83 |
| 23) Isophorone | 9.693 | 82 | 980734 | 38.176 | ng/ul | | 97 |
| 25) 2-Nitrophenol | 9.875 | 139 | 239464 | 42.163 | ng/ul | # | 86 |
| 26) 2,4-Dimethylphenol | 9.934 | 107 | 502947 | 37.316 | ng/ul | # | 81 |
| 27) Bis(2-Chloroethoxy)met... | 10.169 | 93 | 573446 | 38.020 | ng/ul | # | 98 |
| 29) 2,4-Dichlorophenol | 10.410 | 162 | 427524 | 39.575 | ng/ul | # | 84 |
| 30) Naphthalene | 10.816 | 128 | 1316011 | 37.991 | ng/ul | | 97 |
| 32) 4-Chloroaniline | 10.922 | 127 | 568335 | 36.187 | ng/ul | | 98 |
| 33) Hexachlorobutadiene | 11.110 | 225 | 295891 | 38.030 | ng/ul | | 96 |
| 34) Caprolactam | 11.699 | 113 | 151365m | 42.368 | ng/ul | | |
| 35) 4-Chloro-3-methylphenol | 12.040 | 107 | 515383 | 39.373 | ng/ul | # | 70 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/18/2022
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.422 | 142 | 962415 | 38.030 | ng/ul | 90 |
| 37) 1-Methylnaphthalene | 12.640 | 142 | 987457 | 38.644 | ng/ul# | 93 |
| 39) 1,2,4,5-Tetrachloroben... | 12.787 | 216 | 572022 | 38.359 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.775 | 237 | 326807 | 31.580 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.022 | 196 | 383964 | 40.318 | ng/ul# | 85 |
| 42) 2,4,5-Trichlorophenol | 13.093 | 196 | 425557 | 41.349 | ng/ul# | 88 |
| 43) 1,1'-Biphenyl | 13.428 | 154 | 1362429 | 38.310 | ng/ul | 94 |
| 44) 2-Chloronaphthalene | 13.469 | 162 | 1048248 | 38.346 | ng/ul | 95 |
| 45) 2-Nitroaniline | 13.663 | 65 | 368651 | 46.016 | ng/ul# | 81 |
| 47) Dimethylphthalate | 14.046 | 163 | 1415653 | 38.417 | ng/ul# | 92 |
| 48) 2,6-Dinitrotoluene | 14.157 | 165 | 302403 | 44.614 | ng/ul | 97 |
| 50) Acenaphthylene | 14.310 | 152 | 1727251 | 38.586 | ng/ul | 95 |
| 51) 3-Nitroaniline | 14.487 | 138 | 301163 | 42.739 | ng/ul# | 81 |
| 52) Acenaphthene | 14.651 | 153 | 1114966 | 38.042 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.687 | 184 | 171855 | 41.945 | ng/ul# | 79 |
| 55) 4-Nitrophenol | 14.793 | 109 | 242433 | 37.929 | ng/ul# | 50 |
| 56) Dibenzofuran | 14.987 | 168 | 1648928 | 38.227 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.945 | 165 | 442007 | 44.409 | ng/ul# | 83 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.210 | 232 | 386405 | 41.178 | ng/ul# | 85 |
| 59) Diethylphthalate | 15.410 | 149 | 1474552 | 38.665 | ng/ul | 93 |
| 61) Fluorene | 15.640 | 166 | 1360474 | 38.291 | ng/ul | 90 |
| 62) 4-Chlorophenyl-phenyle... | 15.634 | 204 | 720994 | 38.165 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.651 | 138 | 311485m | 44.133 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.710 | 198 | 259282 | 39.903 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.845 | 169 | 1190172 | 37.678 | ng/ul | 94 |
| 68) 4-Bromophenyl-phenylether | 16.528 | 248 | 457194 | 38.276 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.651 | 284 | 529254 | 38.533 | ng/ul# | 90 |
| 70) Atrazine | 16.798 | 200 | 483109 | 37.053 | ng/ul# | 90 |
| 71) Pentachlorophenol | 16.987 | 266 | 349615 | 37.605 | ng/ul# | 83 |
| 72) Phenanthrene | 17.387 | 178 | 2257432 | 38.325 | ng/ul | 99 |
| 74) Anthracene | 17.475 | 178 | 2261426 | 37.868 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.393 | 216 | 614035 | 38.488 | ng/uL# | 86 |
| 76) Pentachlorobenzene | 14.910 | 250 | 593484 | 38.165 | ng/uL | 90 |
| 77) Carbazole | 17.739 | 167 | 2011825 | 37.278 | ng/ul# | 95 |
| 78) Di-n-butylphthalate | 18.292 | 149 | 2600770 | 39.189 | ng/ul# | 93 |
| 80) Fluoranthene | 19.345 | 202 | 2787001 | 40.228 | ng/ul# | 94 |
| 82) Pyrene | 19.698 | 202 | 2837314 | 40.393 | ng/ul# | 93 |
| 83) Butylbenzylphthalate | 20.563 | 149 | 1196467 | 41.522 | ng/ul# | 81 |
| 84) 3,3'-Dichlorobenzidine | 21.333 | 252 | 899381 | 38.296 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.404 | 228 | 2747837 | 39.330 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.327 | 149 | 1751908 | 40.419 | ng/ul# | 82 |
| 87) Chrysene | 21.463 | 228 | 2640095 | 39.166 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.274 | 149 | 2958431 | 42.847 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.133 | 252 | 2655996 | 40.565 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.180 | 252 | 2476512 | 41.450 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 23.780 | 252 | 2458988 | 40.516 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.468 | 276 | 2482123 | 39.110 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.480 | 278 | 2158597 | 39.224 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.257 | 276 | 2017504 | 38.553 | ng/ul# | 91 |

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

**Instrument :**
BNA_P
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