Quantitation Report (Qedit)

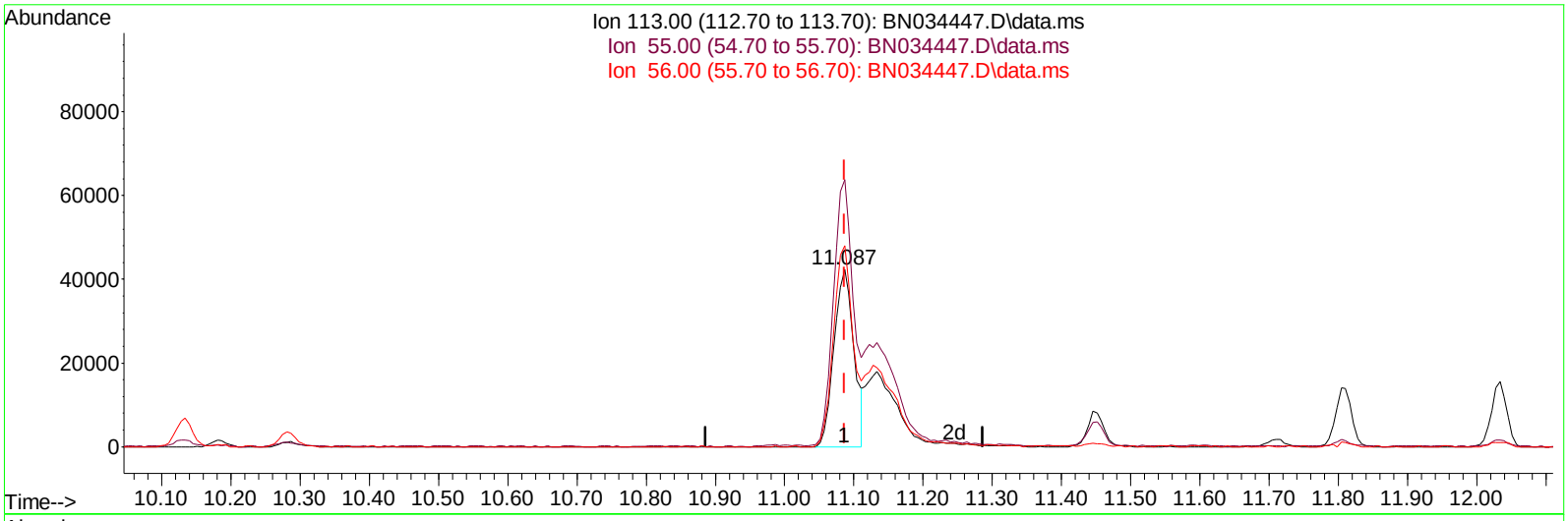
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034447.D
Acq On : 07 Oct 2024 20:53
Operator : RC/JU
Sample : PB163648BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

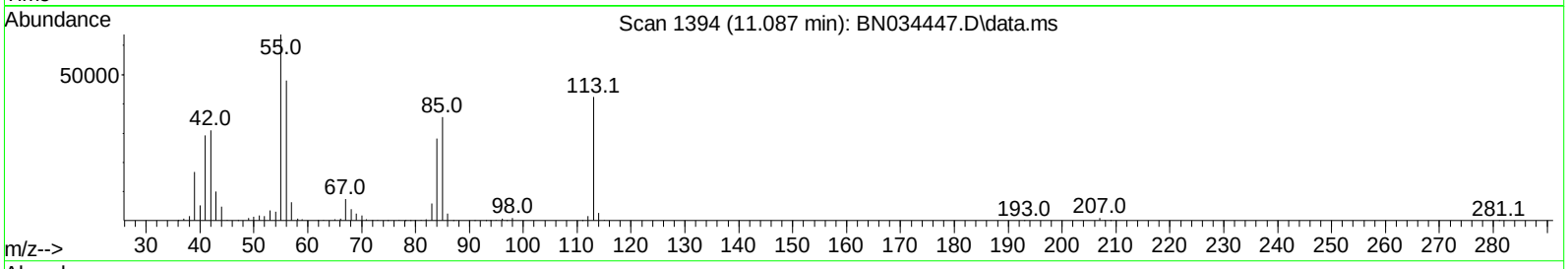
Quant Time: Oct 08 00:34:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

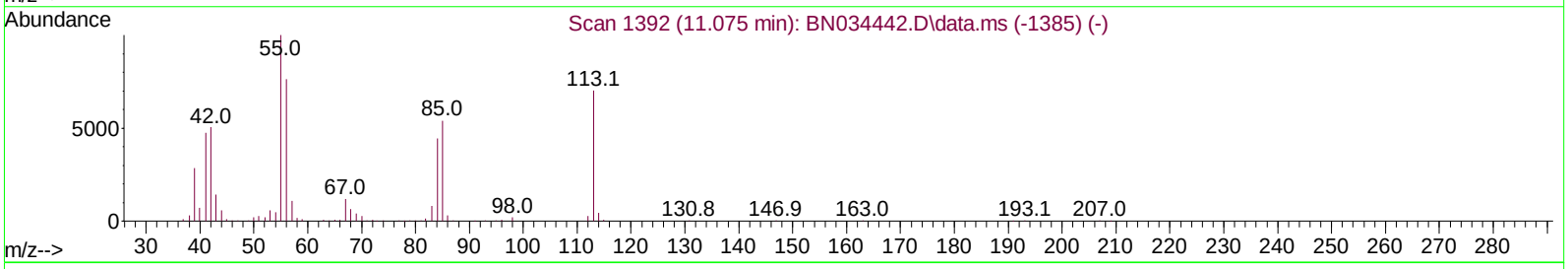
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS648

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034447.D\data.ms

**(34) Caprolactam**

**11.087min (-0.000) 12.16 ng/ul**

**response 83964**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 171.30 | 150.56 |
| 56.00 | 124.60 | 113.55 |
| 0.00 | 0.00 | 0.00 |

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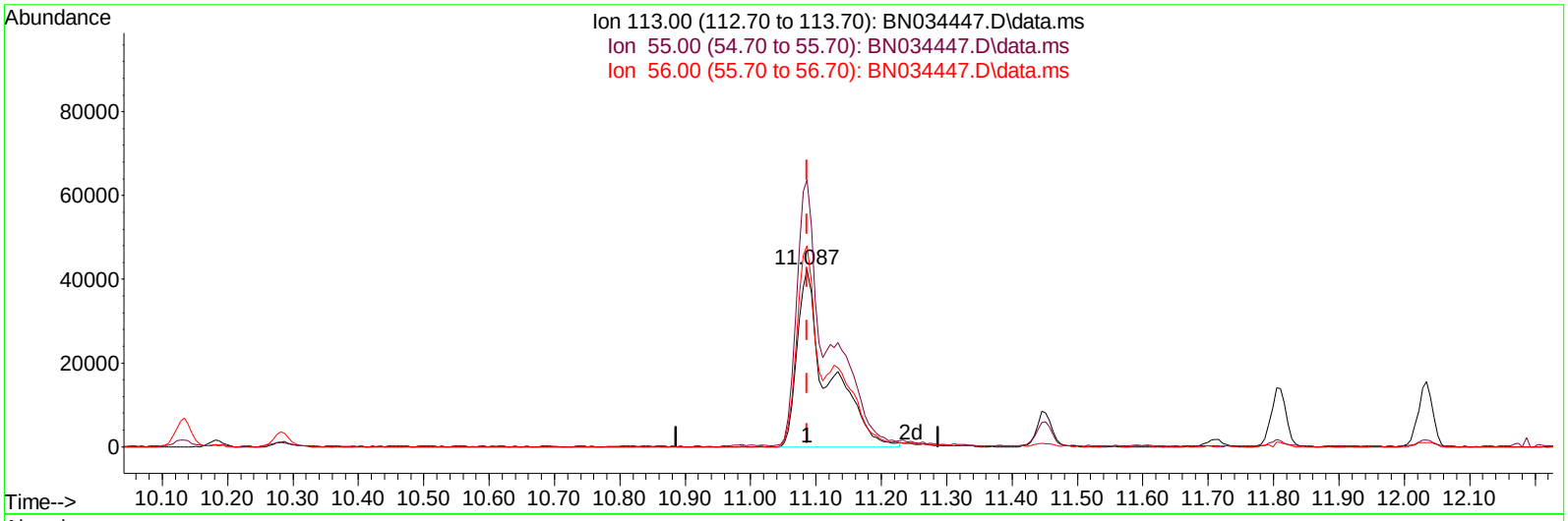


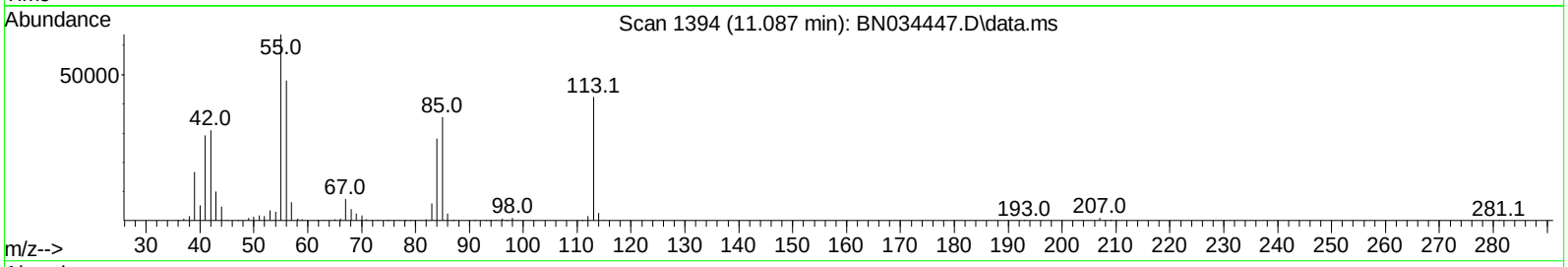


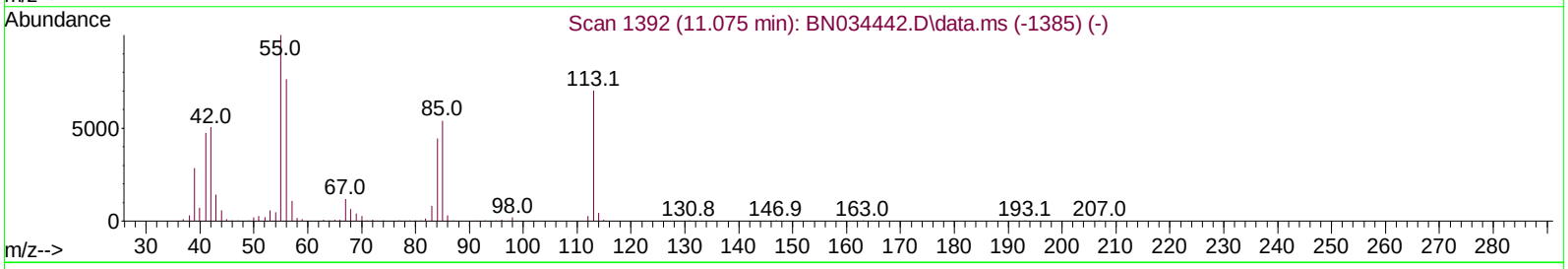


TIC: BN034447.D\data.ms

**(34) Caprolactam**

**11.087min (-0.000) 20.21 ng/ul m**

**response 139537**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 171.30 | 150.56 |
| 56.00 | 124.60 | 113.55 |
| 0.00 | 0.00 | 0.00 |

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SLCS648

**Manual IntegrationsAPPROVED**

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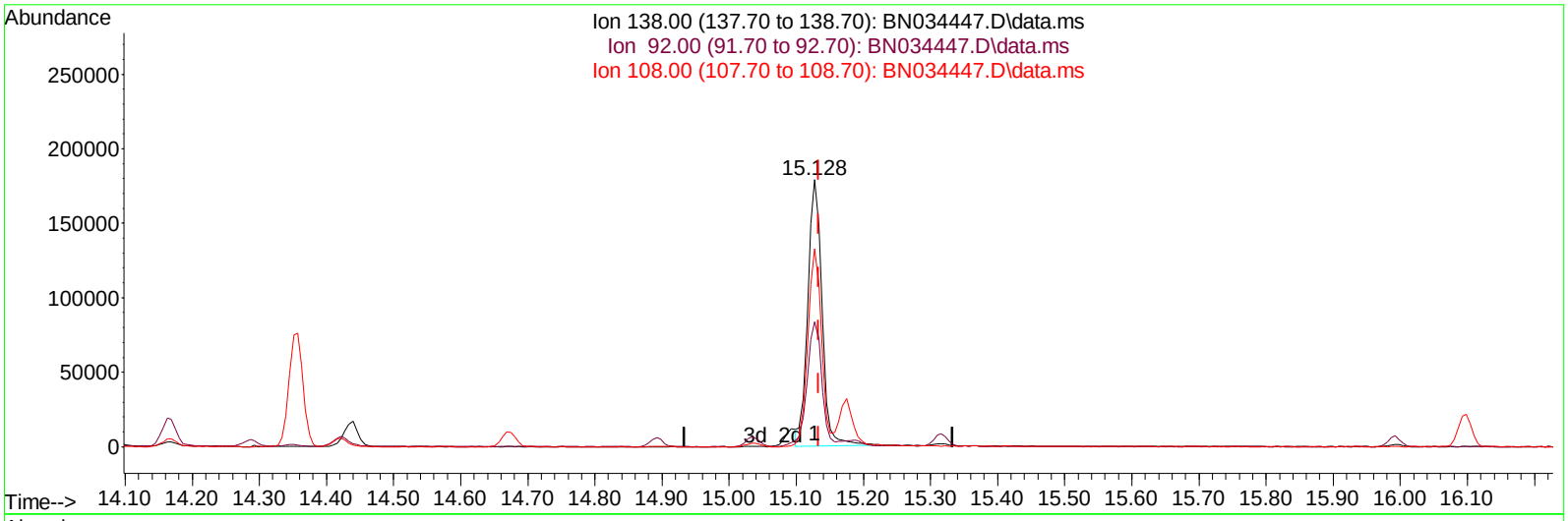


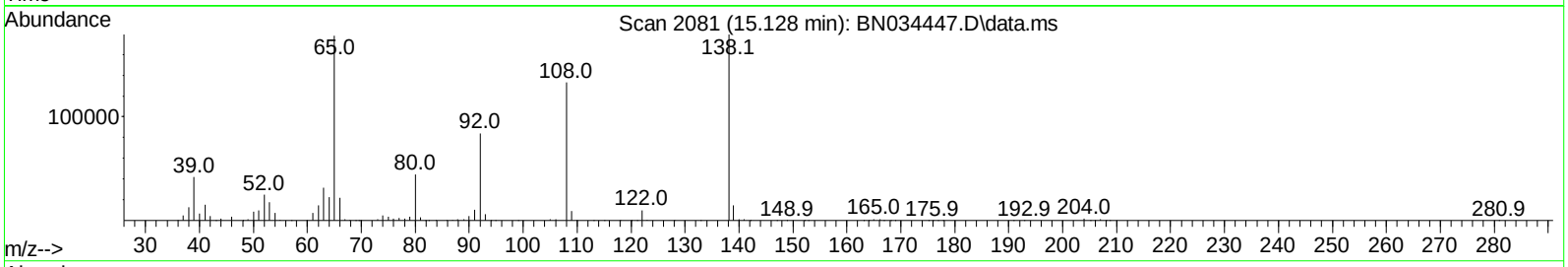


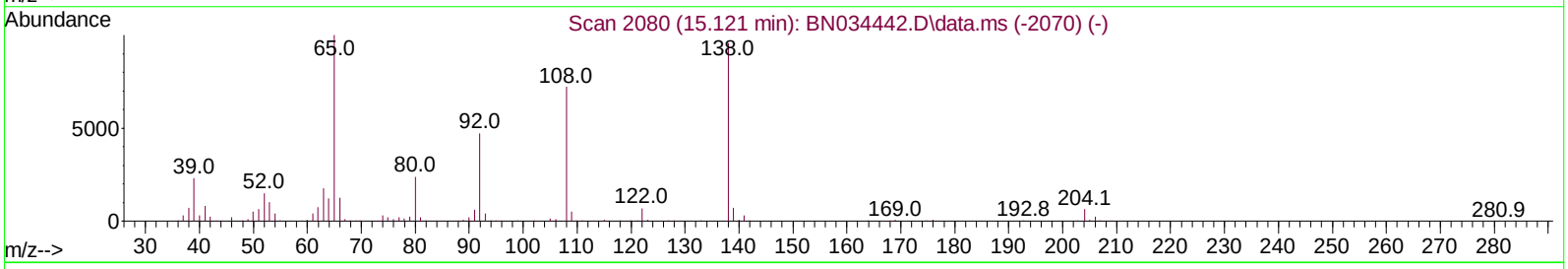


TIC: BN034447.D\data.ms

**(63) 4-Nitroaniline**

**15.128min (-0.006) 22.81 ng/ul**

**response 264227**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 53.70 | 46.86 |
| 108.00 | 83.70 | 74.21 |
| 0.00 | 0.00 | 0.00 |

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Sample : PB163648BS
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ALS Vial : 15 Sample Multiplier: 1

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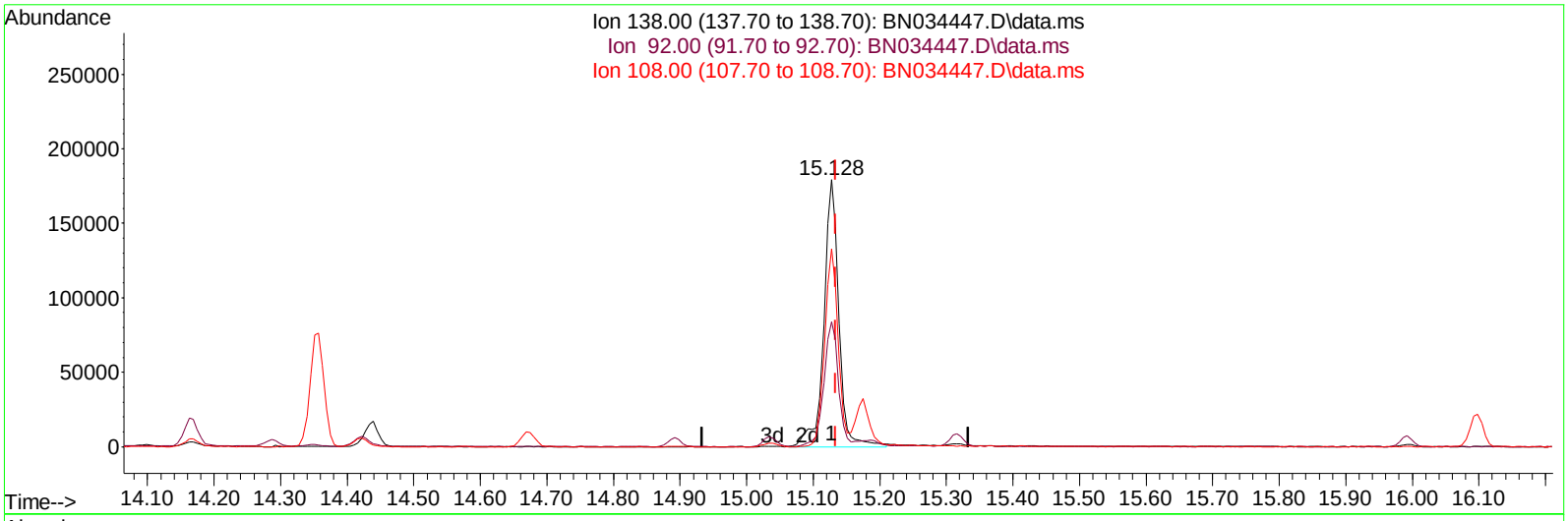
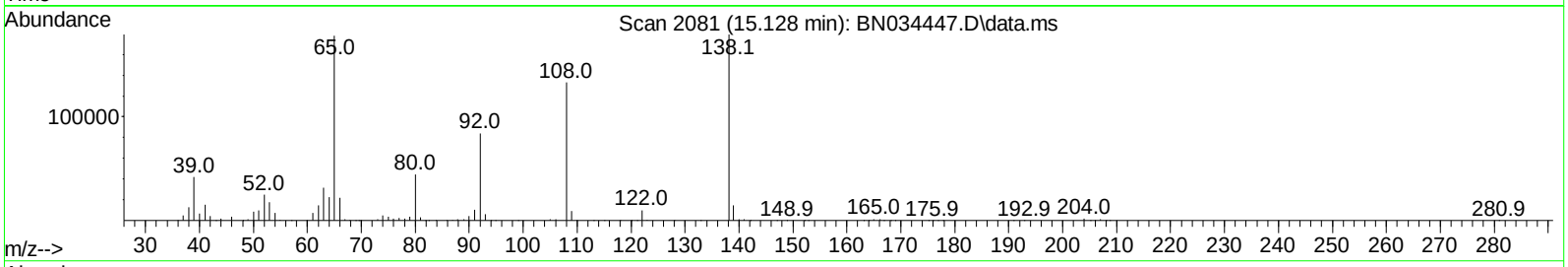
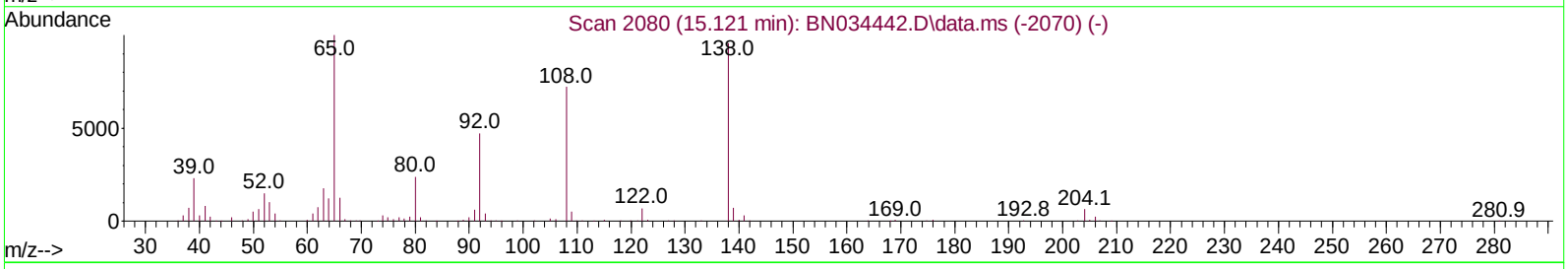
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS648

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BN034447.D\data.ms

**(63) 4-Nitroaniline**

**15.128min (-0.006) 24.41 ng/ul m**

**response 282841**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 53.70 | 46.86 |
| 108.00 | 83.70 | 74.21 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Acq On : 07 Oct 2024 20:53
Operator : RC/JU
Sample : PB163648BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 08 00:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS648

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.375 | 152 | 272996 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.134 | 136 | 1109778 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.034 | 164 | 679237 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.792 | 188 | 1364354 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.027 | 240 | 936134 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.739 | 264 | 1075786 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.993 | 96 | 29573 | 4.420 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.381 | 84 | 401259 | 20.179 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.581 | 99 | 541163 | 22.336 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.734 | 67 | 320680 | 21.333 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.922 | 132 | 487550 | 25.564 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.099 | 113 | 445768 | 22.360 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.522 | 128 | 232763 | 26.314 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.234 | 143 | 261520 | 28.751 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.769 | 165 | 462797 | 27.016 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.281 | 131 | 604945 | 23.326 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.457 | 166 | 1295559 | 25.522 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 13.716 | 160 | 1506701 | 26.384 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.275 | 143 | 233195 | 22.385 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.033 | 176 | 1080097 | 25.106 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.175 | 200 | 184696 | 22.704 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.892 | 188 | 1587159 | 24.743 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.204 | 212 | 1642462 | 31.490 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.551 | 264 | 1434974 | 25.967 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.028 | 88 | 60962 | 8.638 | ng/uL | 87 |
| 5) Pyridine | 3.399 | 79 | 387070 | 19.022 | ng/ul | 91 |
| 6) Benzaldehyde | 6.540 | 77 | 270771 | 21.172 | ng/ul | 90 |
| 8) Phenol | 6.610 | 94 | 532941 | 21.127 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 6.828 | 93 | 437024 | 22.291 | ng/ul | 94 |
| 12) 2-Chlorophenol | 6.952 | 128 | 469002 | 23.997 | ng/ul | 93 |
| 13) 2-Methylphenol | 7.834 | 108 | 414007 | 21.958 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 7.904 | 45 | 574111 | 19.856 | ng/ul | 95 |
| 16) Acetophenone | 8.199 | 105 | 661592 | 20.949 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.193 | 70 | 317334 | 20.292 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.163 | 108 | 454066 | 21.639 | ng/ul | 98 |
| 19) Hexachloroethane | 8.428 | 117 | 198269 | 24.052 | ng/ul | 91 |
| 22) Nitrobenzene | 8.563 | 77 | 491121 | 22.183 | ng/ul | 92 |
| 23) Isophorone | 9.093 | 82 | 912761 | 22.356 | ng/ul | 95 |
| 25) 2-Nitrophenol | 9.263 | 139 | 272518 | 26.770 | ng/ul | 91 |
| 26) 2,4-Dimethylphenol | 9.346 | 107 | 392646 | 18.748 | ng/ul | 90 |
| 27) Bis(2-Chloroethoxy)met... | 9.575 | 93 | 584569 | 23.270 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 9.798 | 162 | 439809 | 25.356 | ng/ul | 97 |
| 30) Naphthalene | 10.181 | 128 | 1451688 | 23.914 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.304 | 127 | 478331 | 18.716 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.469 | 225 | 294598 | 26.474 | ng/ul | 98 |
| 34) Caprolactam | 11.087 | 113 | 139537m | 20.206 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.451 | 107 | 458845 | 22.471 | ng/ul | 91 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 11.810 | 142 | 1000014 | 23.916 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.034 | 142 | 1001388 | 23.659 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.187 | 216 | 542323 | 27.657 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.169 | 237 | 220582 | 18.283 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.445 | 196 | 347763 | 26.752 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.516 | 196 | 381040 | 26.685 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 12.851 | 154 | 1286708 | 25.127 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 12.887 | 162 | 996784 | 24.987 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.110 | 65 | 276570 | 21.454 | ng/ul# | 82 |
| 47) Dimethylphthalate | 13.510 | 163 | 1248935 | 24.141 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.628 | 165 | 271937 | 26.694 | ng/ul# | 86 |
| 50) Acenaphthylene | 13.745 | 152 | 1558562 | 24.942 | ng/ul | 99 |
| 51) 3-Nitroaniline | 13.951 | 138 | 275129 | 24.439 | ng/ul | 93 |
| 52) Acenaphthene | 14.098 | 153 | 1075714 | 24.113 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.163 | 184 | 119016 | 19.863 | ng/ul# | 84 |
| 55) 4-Nitrophenol | 14.286 | 109 | 165496 | 18.706 | ng/ul | 91 |
| 56) Dibenzofuran | 14.439 | 168 | 1475556 | 24.187 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.422 | 165 | 385923 | 25.129 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.675 | 232 | 315806 | 26.653 | ng/ul | 92 |
| 59) Diethylphthalate | 14.892 | 149 | 1274707 | 23.579 | ng/ul | 98 |
| 61) Fluorene | 15.092 | 166 | 1191241 | 23.870 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.098 | 204 | 589444 | 24.368 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.128 | 138 | 282841m | 24.415 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 202061 | 22.368 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.316 | 169 | 1046590 | 25.599 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 15.992 | 248 | 385452 | 27.822 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.098 | 284 | 444033 | 27.613 | ng/ul | 97 |
| 70) Atrazine | 16.286 | 200 | 298602 | 20.158 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.451 | 266 | 273978 | 25.581 | ng/ul | 96 |
| 72) Phenanthrene | 16.833 | 178 | 1843939 | 24.511 | ng/ul | 99 |
| 74) Anthracene | 16.927 | 178 | 1798294 | 23.410 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 12.810 | 216 | 528430 | 27.829 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.357 | 250 | 517457 | 26.764 | ng/uL | 99 |
| 77) Carbazole | 17.204 | 167 | 1660135 | 23.481 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.786 | 149 | 2238050 | 24.901 | ng/ul | 99 |
| 80) Fluoranthene | 18.863 | 202 | 1937585 | 31.776 | ng/ul | 99 |
| 82) Pyrene | 19.227 | 202 | 1955955 | 29.838 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.169 | 149 | 923488 | 31.415 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 20.951 | 252 | 528552 | 25.136 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.010 | 228 | 1651333 | 24.741 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 20.974 | 149 | 1320848 | 30.697 | ng/ul# | 95 |
| 87) Chrysene | 21.068 | 228 | 1502757 | 23.597 | ng/ul | 92 |
| 89) Di-n-octyl phthalate | 22.010 | 149 | 2109044 | 29.463 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.892 | 252 | 1623381 | 24.750 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.945 | 252 | 1624161 | 25.101 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.610 | 252 | 1464203 | 23.631 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.727 | 276 | 2055115 | 26.769 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.780 | 278 | 1656230 | 26.689 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.656 | 276 | 1615785 | 27.112 | ng/ul | 97 |

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

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