Quantitation Report (Qedit)

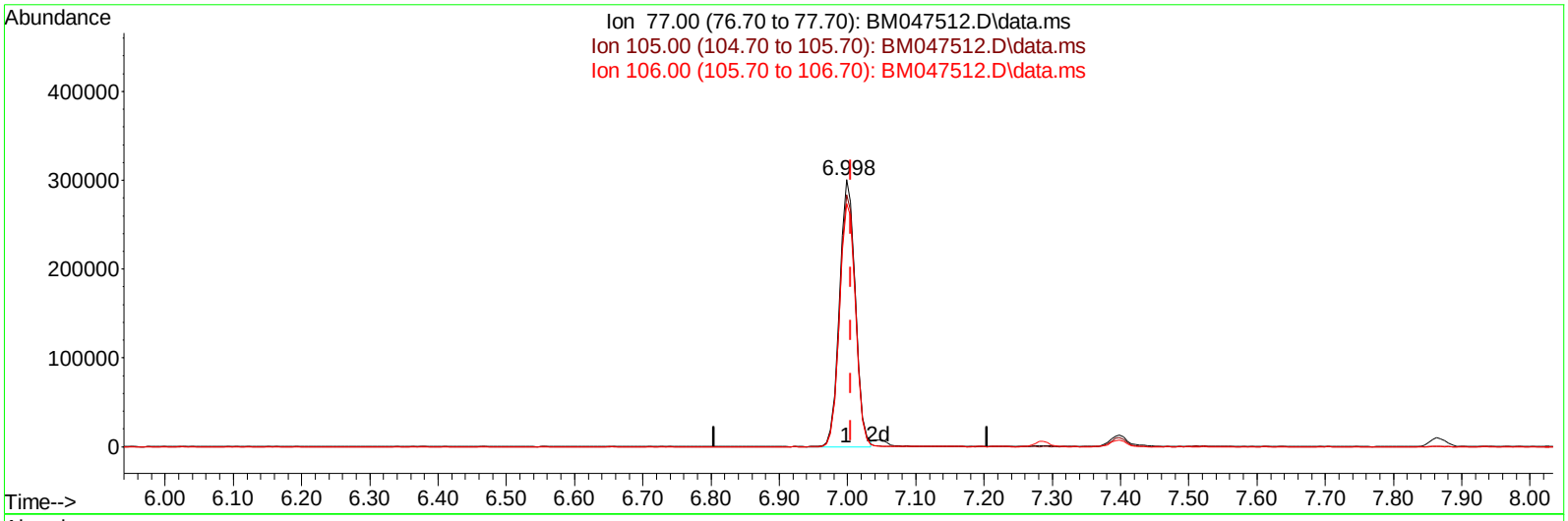
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091324\
Data File : BM047512.D
Acq On : 13 Sep 2024 10:14
Operator : RC/JU
Sample : PB163349BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

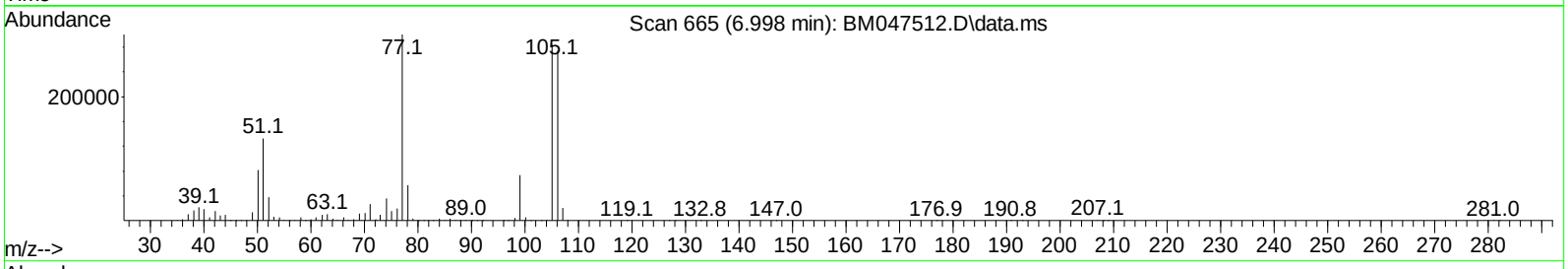
Quant Time: Sep 13 12:59:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

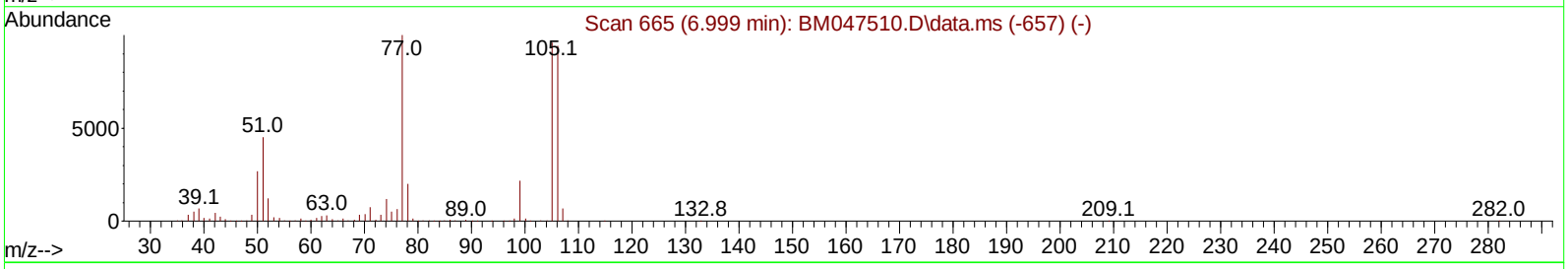
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS349

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024




TIC: BM047512.D\data.ms

**(6) Benzaldehyde**

**6.998min (-0.006) 23.09 ng/ul**

**response 480983**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 94.50 | 94.44 |
| 106.00 | 90.10 | 91.18 |
| 0.00 | 0.00 | 0.00 |

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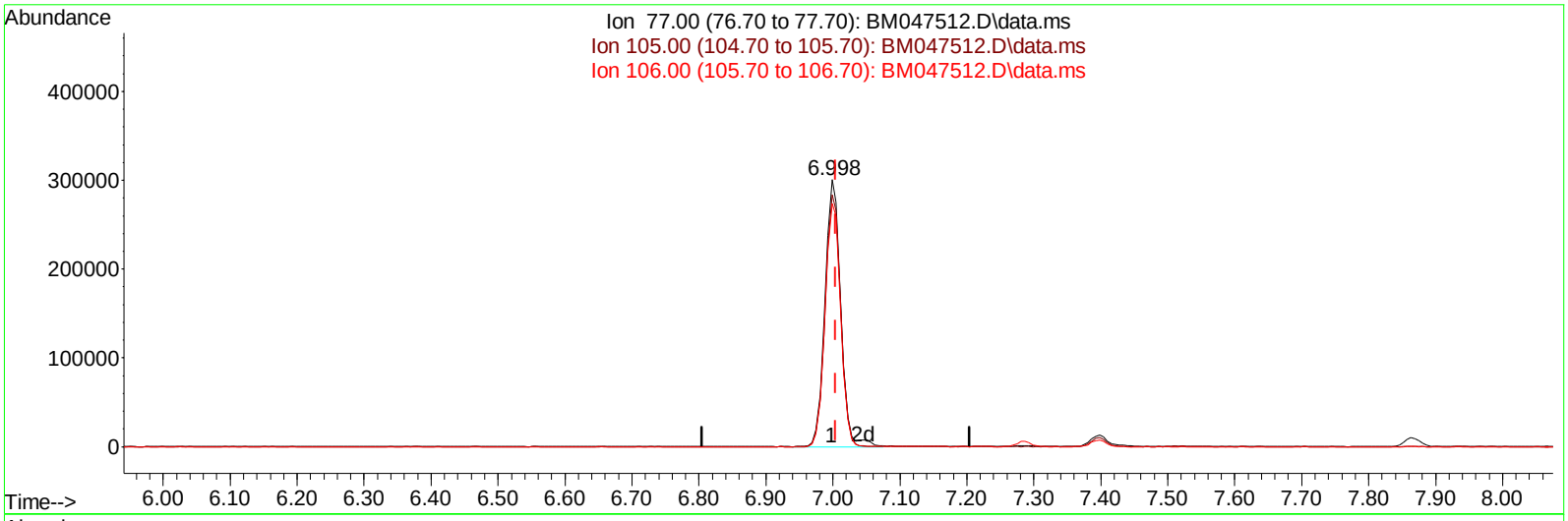


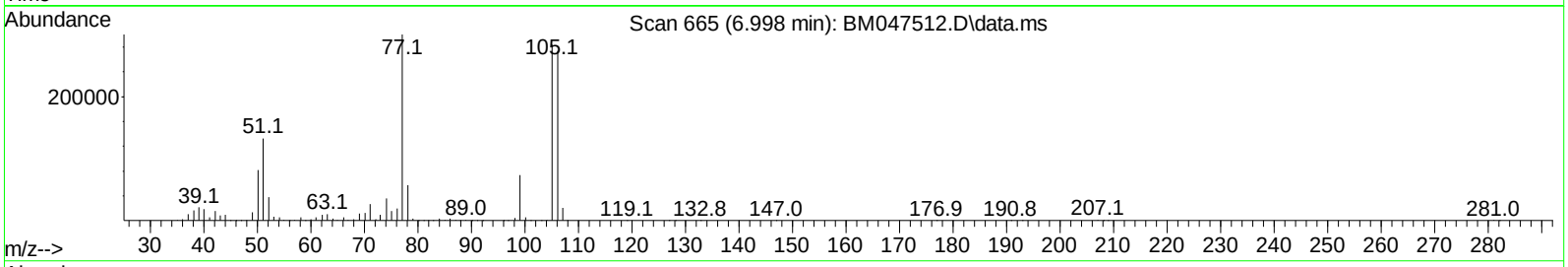


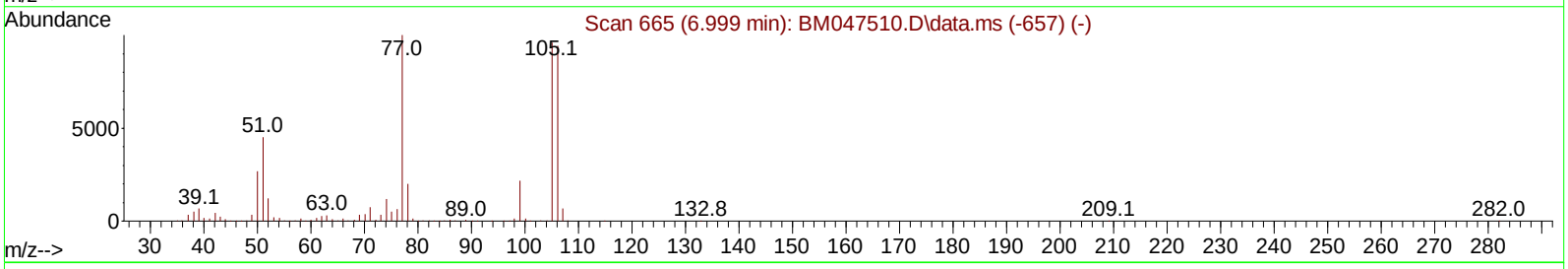


TIC: BM047512.D\data.ms

**(6) Benzaldehyde**

**6.998min (-0.006) 23.63 ng/ul m**

**response 492260**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 94.50 | 94.44 |
| 106.00 | 90.10 | 91.18 |
| 0.00 | 0.00 | 0.00 |

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Sample : PB163349BS
Misc :
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Quant Title : SVOA CALIBRATION
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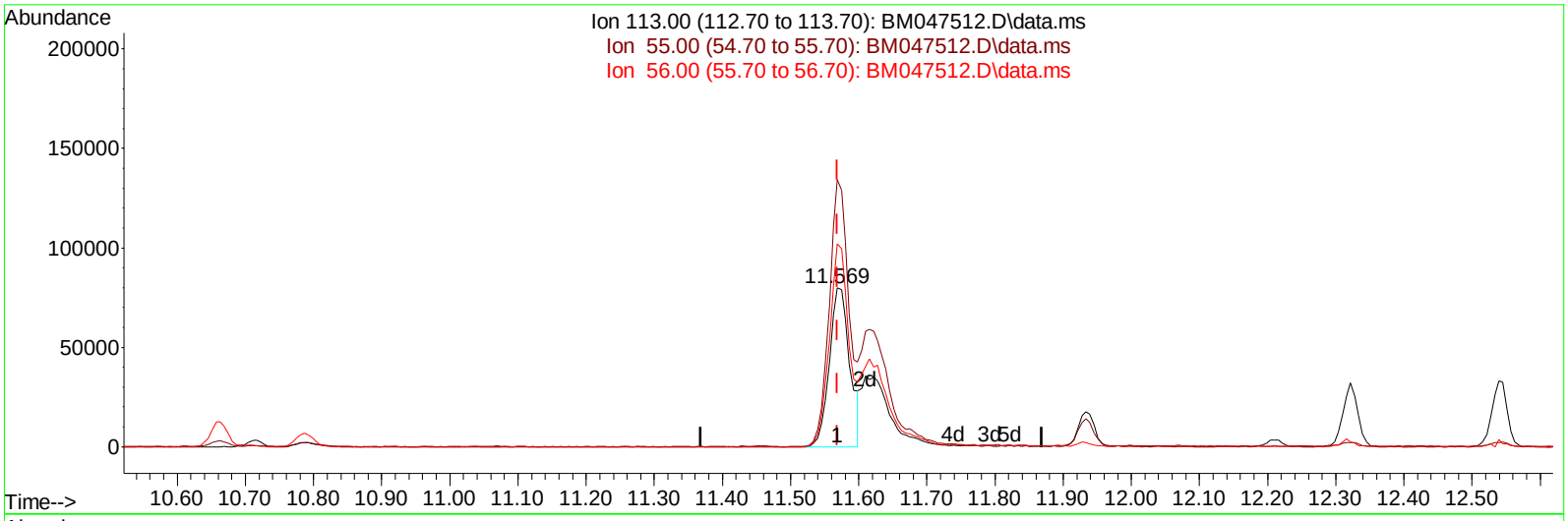


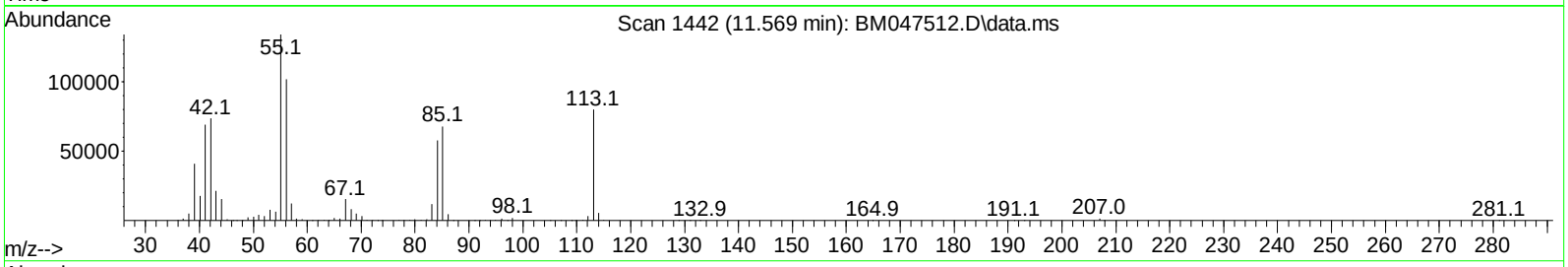


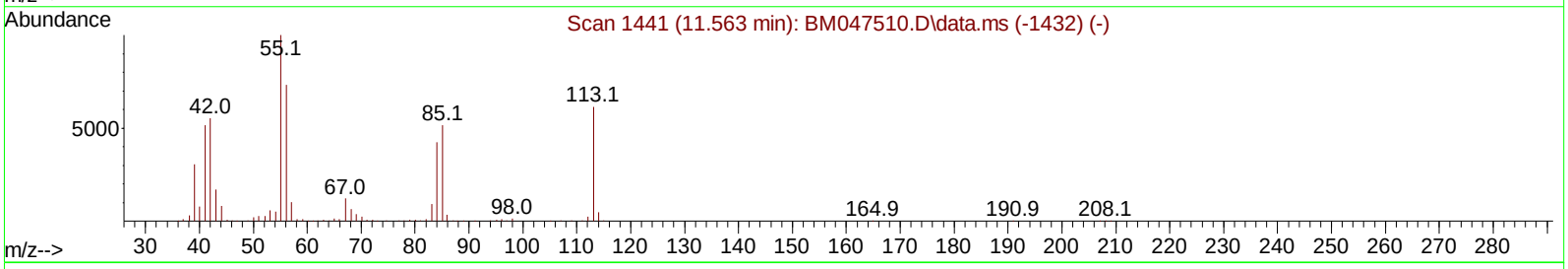


TIC: BM047512.D\data.ms

**(34) Caprolactam**

**11.569min (-0.000) 14.83 ng/ul**

**response 166360**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 172.50 | 167.81 |
| 56.00 | 129.20 | 127.47 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/16/2024
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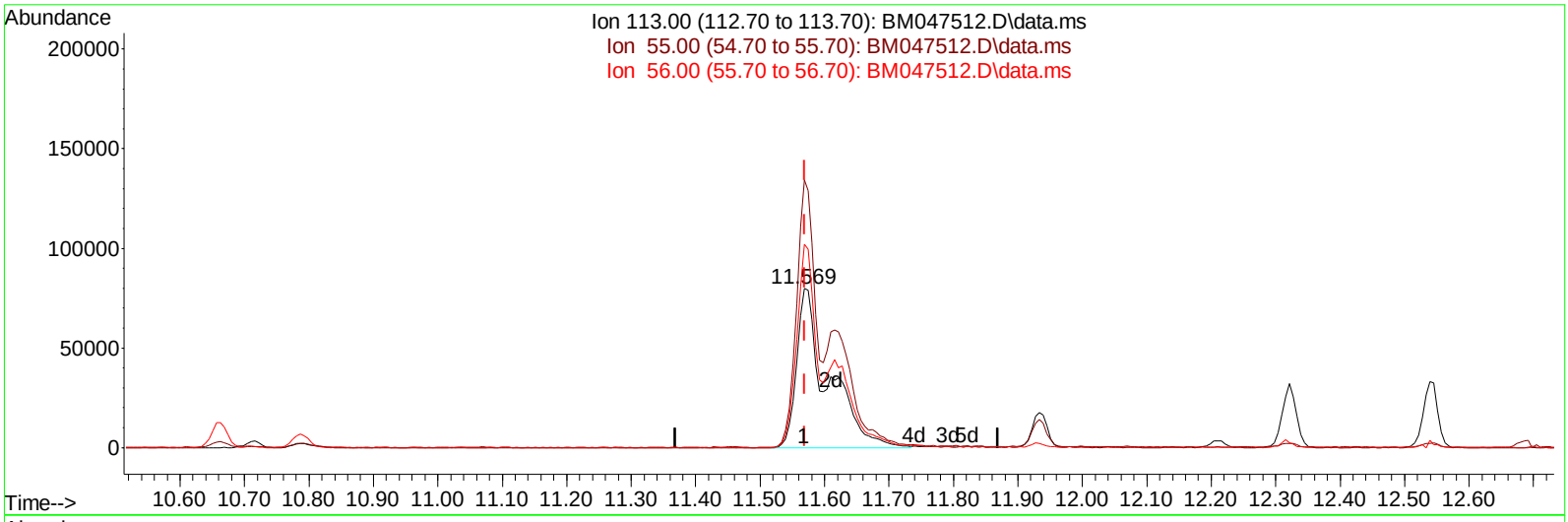


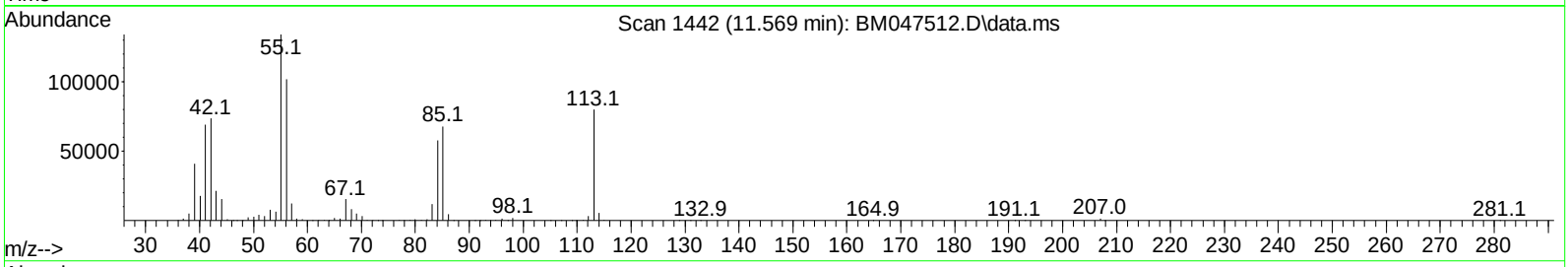


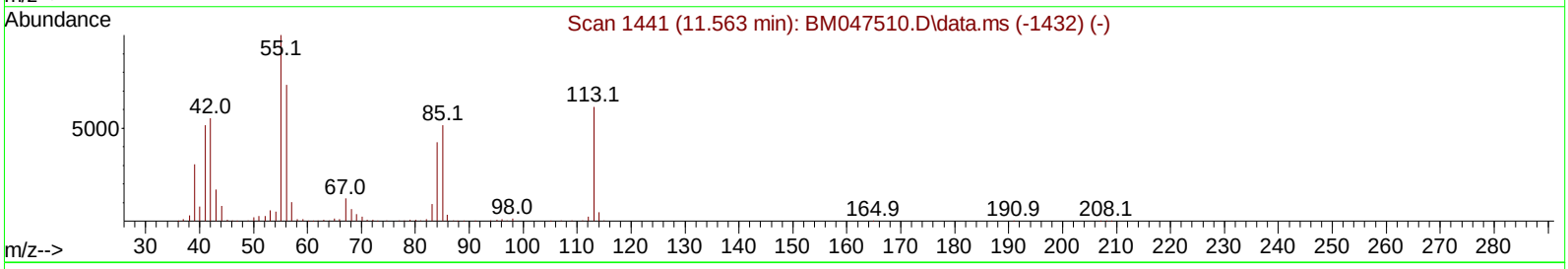


TIC: BM047512.D\data.ms

**(34) Caprolactam**

**11.569min (-0.000) 24.07 ng/ul m**

**response 270025**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 172.50 | 167.81 |
| 56.00 | 129.20 | 127.47 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 05:22:11 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS349

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.863 | 152 | 419838 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.663 | 136 | 1936683 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.492 | 164 | 1201818 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.227 | 188 | 2331186 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.456 | 240 | 1976081 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.497 | 264 | 1713796 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 61366 | 5.895 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.710 | 84 | 846378 | 25.448 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.022 | 99 | 1052627 | 26.748 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.193 | 67 | 663706 | 27.094 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.398 | 132 | 816940 | 27.256 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.563 | 113 | 835802 | 27.019 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 424454 | 28.380 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.739 | 143 | 402355 | 28.477 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.281 | 165 | 814544 | 28.352 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.786 | 131 | 1098349 | 23.359 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.904 | 166 | 2401779 | 27.189 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.186 | 160 | 2945311 | 27.631 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.674 | 143 | 441525 | 25.227 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.480 | 176 | 2105767 | 27.587 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 200 | 309381 | 25.104 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.327 | 188 | 3109825 | 27.703 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.609 | 212 | 3483610 | 30.248 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.291 | 264 | 2520494 | 27.676 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 109056 | 9.707 | ng/uL | 98 |
| 5) Pyridine | 3.728 | 79 | 864758 | 25.182 | ng/ul | 99 |
| 6) Benzaldehyde | 6.998 | 77 | 492260m | 23.632 | ng/ul | |
| 8) Phenol | 7.045 | 94 | 1085354 | 26.790 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.287 | 93 | 858455 | 26.796 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.428 | 128 | 859743 | 27.696 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.298 | 108 | 807103 | 26.466 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.392 | 45 | 1225170 | 26.095 | ng/ul | 99 |
| 16) Acetophenone | 8.687 | 105 | 1378804 | 27.698 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.675 | 70 | 724767 | 27.434 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.628 | 108 | 908073 | 27.272 | ng/ul | 96 |
| 19) Hexachloroethane | 8.951 | 117 | 369059 | 27.669 | ng/ul | 99 |
| 22) Nitrobenzene | 9.057 | 77 | 1028361 | 27.516 | ng/ul | 99 |
| 23) Isophorone | 9.592 | 82 | 1990729 | 26.710 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.769 | 139 | 461681 | 28.263 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.834 | 107 | 789089 | 22.457 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.069 | 93 | 1212054 | 26.875 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 799049 | 27.433 | ng/ul | 99 |
| 30) Naphthalene | 10.716 | 128 | 2872536 | 26.922 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.810 | 127 | 999689 | 21.611 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.010 | 225 | 458851 | 26.412 | ng/ul | 99 |
| 34) Caprolactam | 11.569 | 113 | 270025m | 24.069 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 885387 | 26.994 | ng/ul | 100 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.322 | 142 | 1960496 | 26.730 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.539 | 142 | 1979263 | 26.709 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.692 | 216 | 950758 | 26.647 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.675 | 237 | 496772 | 20.252 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.922 | 196 | 517911 | 23.657 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.992 | 196 | 601992 | 25.299 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.333 | 154 | 2565906 | 27.086 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.369 | 162 | 1975598 | 27.194 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.563 | 65 | 591537 | 27.988 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.951 | 163 | 2428629 | 27.068 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.063 | 165 | 469541 | 28.678 | ng/ul | 99 |
| 50) Acenaphthylene | 14.216 | 152 | 3316701 | 28.785 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.386 | 138 | 532049 | 27.833 | ng/ul | 94 |
| 52) Acenaphthene | 14.557 | 153 | 2188555 | 26.735 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.586 | 184 | 187652 | 20.829 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.686 | 109 | 372527 | 25.282 | ng/ul | 94 |
| 56) Dibenzofuran | 14.892 | 168 | 2882066 | 27.087 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 691726 | 29.338 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.116 | 232 | 395407 | 21.594 | ng/ul | 96 |
| 59) Diethylphthalate | 15.316 | 149 | 2547738 | 26.838 | ng/ul | 98 |
| 61) Fluorene | 15.539 | 166 | 2619434 | 28.209 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.533 | 204 | 1204945 | 28.023 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.545 | 138 | 594196 | 31.412 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.604 | 198 | 344814 | 24.753 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.745 | 169 | 2009335 | 27.727 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.421 | 248 | 671917 | 27.859 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.539 | 284 | 758152 | 27.511 | ng/ul | 100 |
| 70) Atrazine | 16.686 | 200 | 13717 | 0.539 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.874 | 266 | 302895 | 17.465 | ng/ul | 98 |
| 72) Phenanthrene | 17.268 | 178 | 3732642 | 28.067 | ng/ul | 99 |
| 74) Anthracene | 17.362 | 178 | 3769341 | 27.992 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.298 | 216 | 929301 | 27.413 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.816 | 250 | 879997 | 26.283 | ng/uL | 98 |
| 77) Carbazole | 17.621 | 167 | 3383144 | 27.479 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.198 | 149 | 4546260 | 28.641 | ng/ul | 100 |
| 80) Fluoranthene | 19.280 | 202 | 4191771 | 30.881 | ng/ul | 97 |
| 82) Pyrene | 19.639 | 202 | 4498206 | 31.091 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.539 | 149 | 1933526 | 29.276 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.356 | 252 | 966035 | 20.677 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.439 | 228 | 3936750 | 27.889 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.374 | 149 | 3032392 | 30.278 | ng/ul | 100 |
| 87) Chrysene | 21.497 | 228 | 3638131 | 27.936 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.527 | 149 | 4798253 | 35.047 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.539 | 252 | 3275306 | 29.772 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.603 | 252 | 3281893 | 30.373 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.356 | 252 | 2801063 | 27.716 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 27.932 | 276 | 2945637 | 23.766 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.991 | 278 | 2407127 | 23.852 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.003 | 276 | 2285661 | 24.141 | ng/ul | 99 |

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

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