Quantitation Report (Qedit)

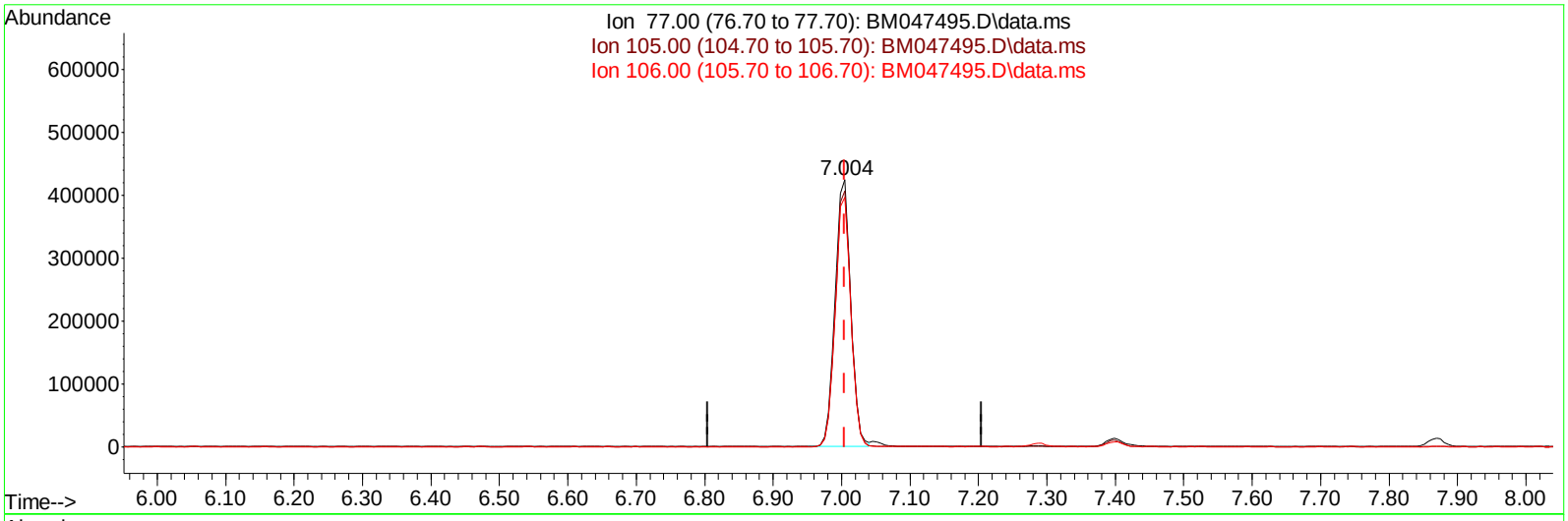
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047495.D
Acq On : 12 Sep 2024 00:33
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

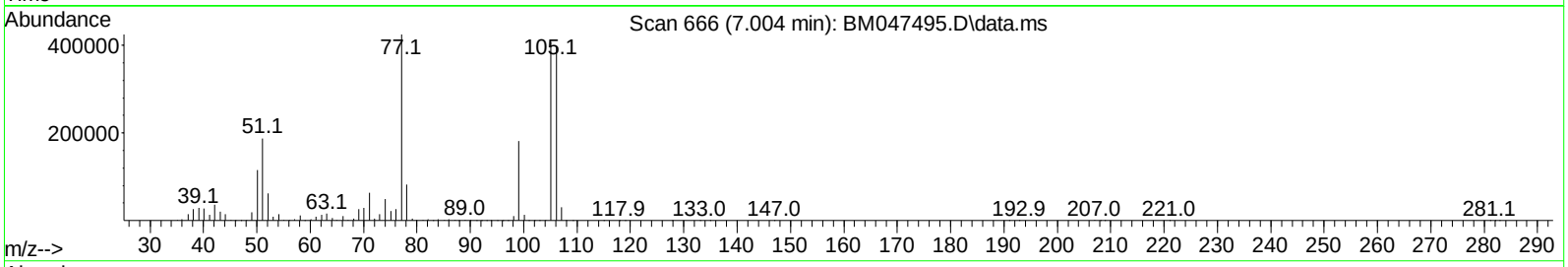
Quant Time: Sep 12 01:14:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

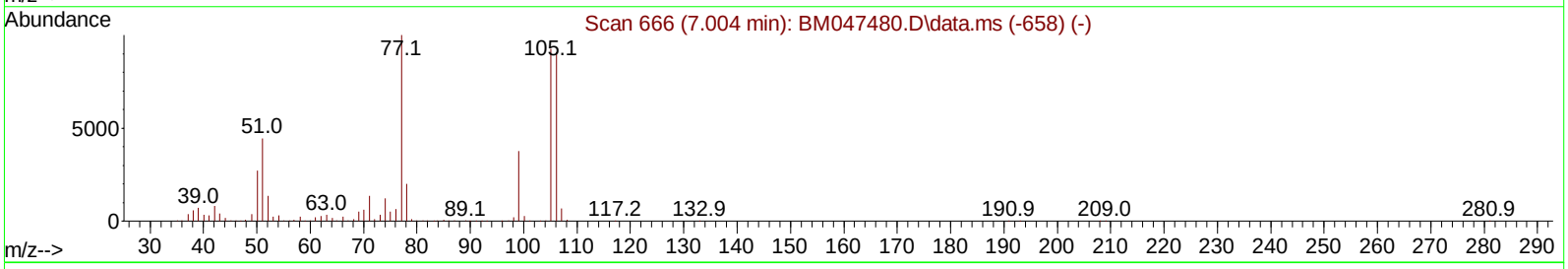
**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024




TIC: BM047495.D\data.ms

**(6) Benzaldehyde**

**7.004min (-0.000) 22.95 ng/ul**

**response 676140**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 94.50 | 95.90 |
| 106.00 | 90.10 | 93.50 |
| 0.00 | 0.00 | 0.00 |

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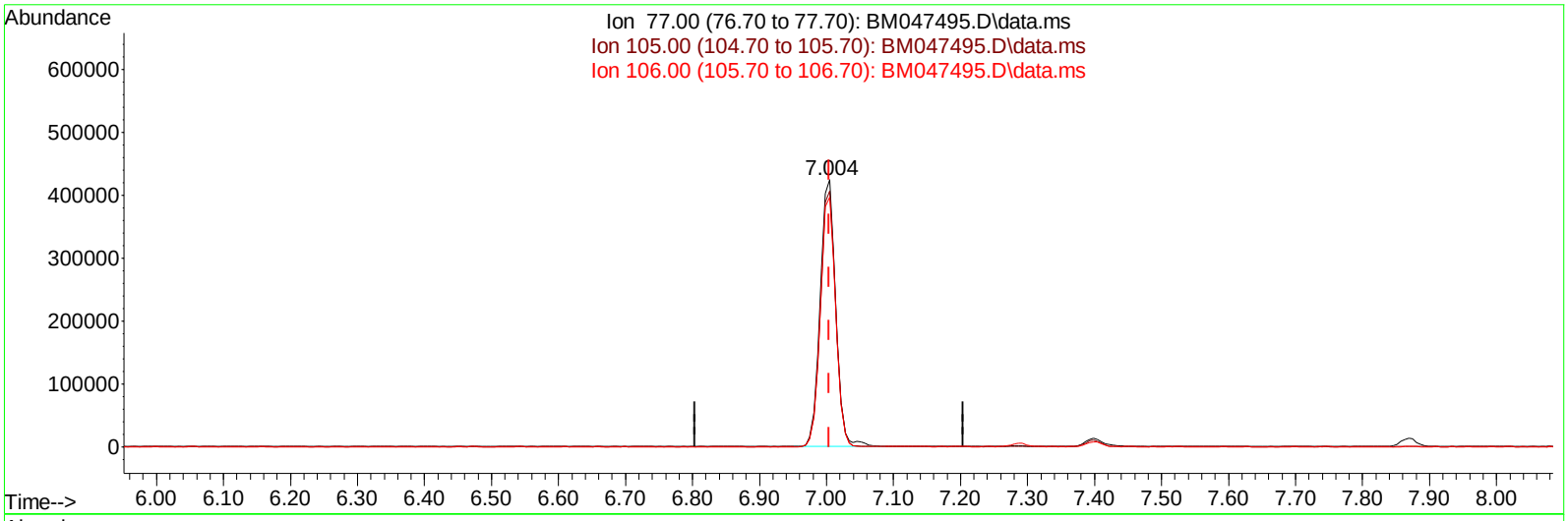


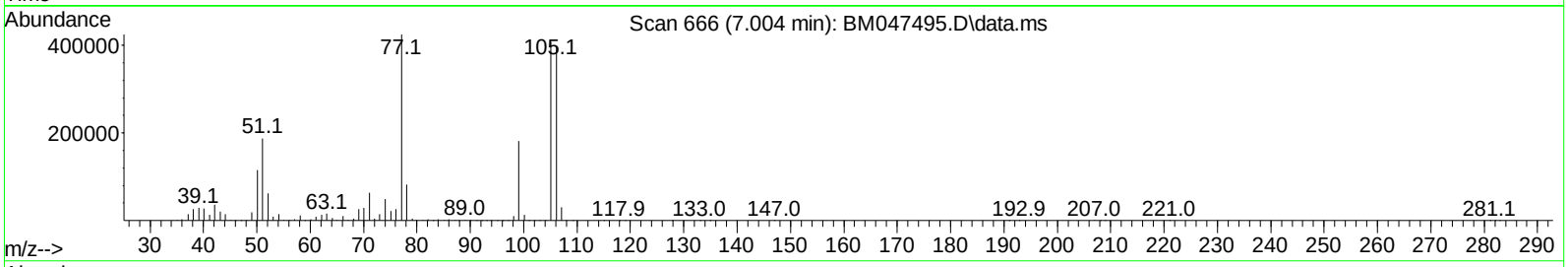


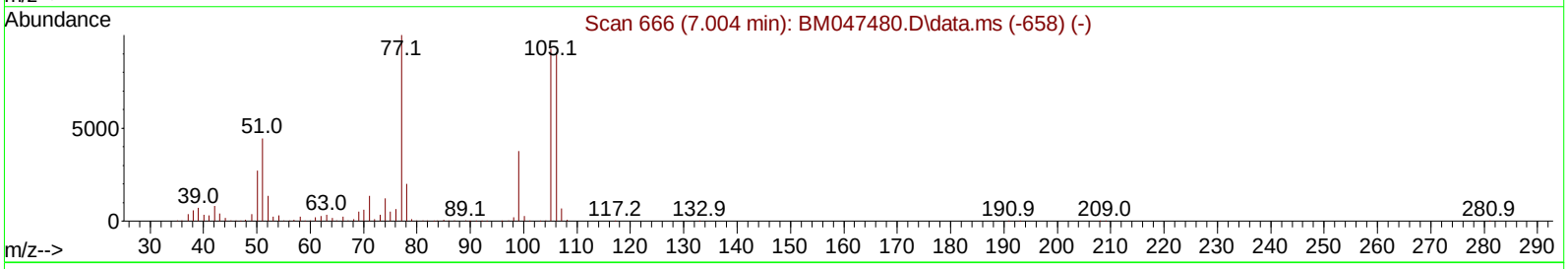


TIC: BM047495.D\data.ms

**(6) Benzaldehyde**

**7.004min (-0.000) 23.30 ng/ul m**

**response 686209**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 94.50 | 95.90 |
| 106.00 | 90.10 | 93.50 |
| 0.00 | 0.00 | 0.00 |

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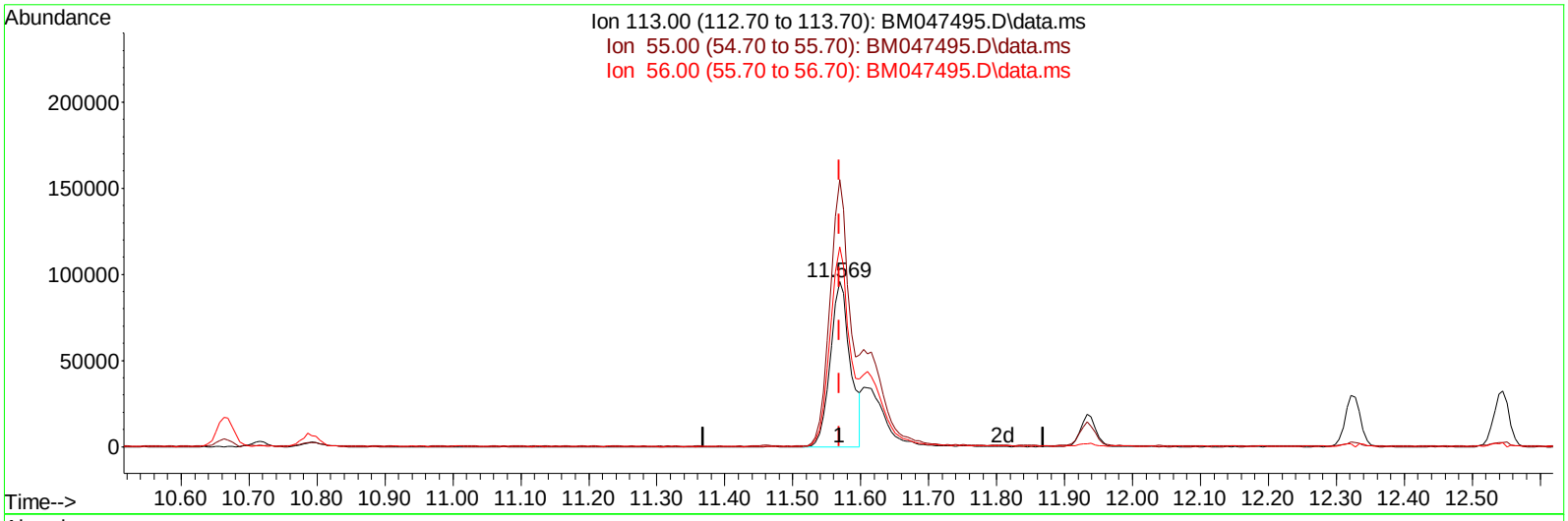


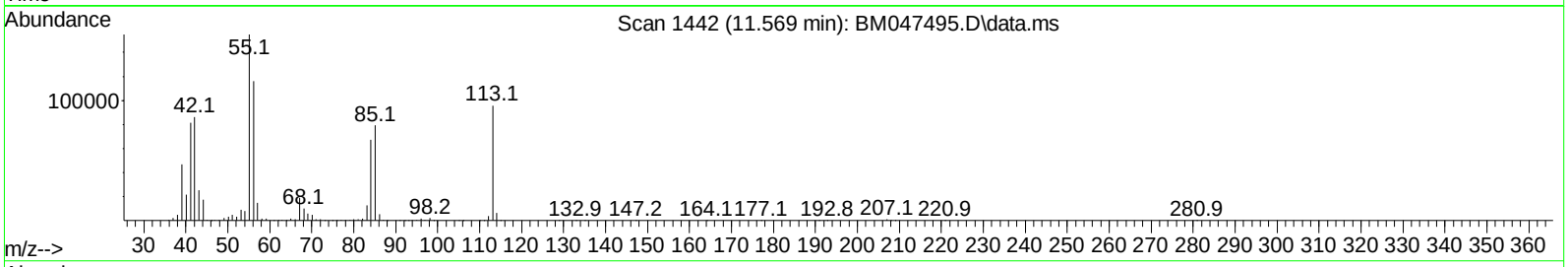


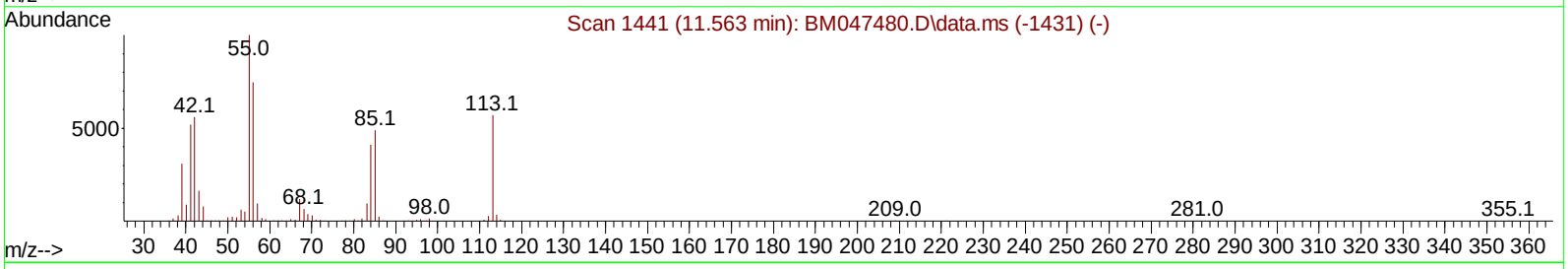


TIC: BM047495.D\data.ms

**(34) Caprolactam**

**11.569min (-0.000) 12.44 ng/ul**

**response 196206**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 172.50 | 161.72 |
| 56.00 | 129.20 | 120.98 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**LabSampleId :**
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**Manual IntegrationsAPPROVED**

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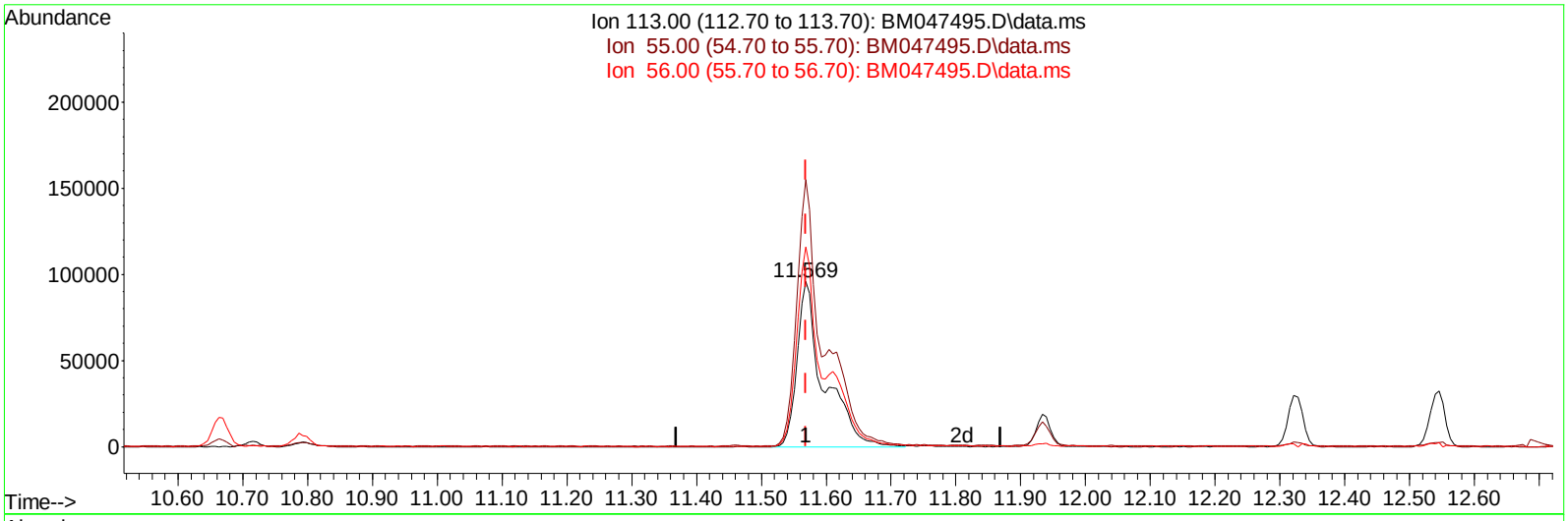


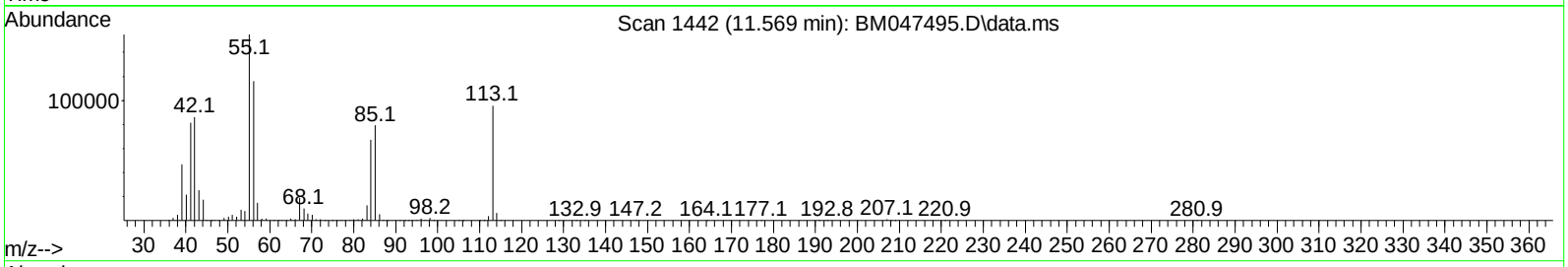


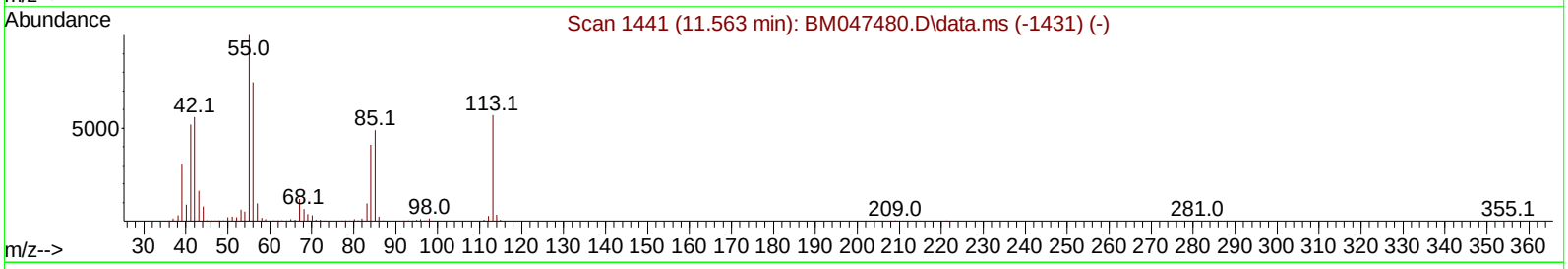


TIC: BM047495.D\data.ms

**(34) Caprolactam**

**11.569min (-0.000) 17.52 ng/ul m**

**response 276384**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 172.50 | 161.72 |
| 56.00 | 129.20 | 120.98 |
| 0.00 | 0.00 | 0.00 |

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

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 593690 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.663 | 136 | 2722691 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.498 | 164 | 1681382 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.233 | 188 | 3285316 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.462 | 240 | 2513180 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.503 | 264 | 2157709 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 110039 | 7.475 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.710 | 84 | 891504 | 18.956 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.022 | 99 | 1030143 | 18.511 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.193 | 67 | 655028 | 18.910 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.398 | 132 | 855908 | 20.194 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.569 | 113 | 847185 | 19.367 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.022 | 128 | 429730 | 20.438 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.745 | 143 | 425321 | 21.412 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.281 | 165 | 832624 | 20.615 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.786 | 131 | 1249281 | 18.899 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.904 | 166 | 2375678 | 19.223 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.192 | 160 | 2886322 | 19.355 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.674 | 143 | 429572 | 17.544 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.486 | 176 | 2023562 | 18.949 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 200 | 248437 | 14.304 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.333 | 188 | 3034157 | 19.179 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.615 | 212 | 3221028 | 21.991 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.291 | 264 | 2220767 | 19.368 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 115446 | 7.266 | ng/uL | 98 |
| 5) Pyridine | 3.734 | 79 | 905902 | 18.655 | ng/ul | 98 |
| 6) Benzaldehyde | 7.004 | 77 | 686209m | 23.296 | ng/ul | |
| 8) Phenol | 7.045 | 94 | 1068069 | 18.643 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.287 | 93 | 861530 | 19.017 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.428 | 128 | 878465 | 20.012 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.304 | 108 | 816672 | 18.938 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.392 | 45 | 1251247 | 18.846 | ng/ul | 99 |
| 16) Acetophenone | 8.687 | 105 | 1378059 | 19.577 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.675 | 70 | 733532 | 19.635 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.628 | 108 | 917998 | 19.497 | ng/ul | 99 |
| 19) Hexachloroethane | 8.957 | 117 | 364089 | 19.303 | ng/ul | 97 |
| 22) Nitrobenzene | 9.063 | 77 | 1023758 | 19.485 | ng/ul | 97 |
| 23) Isophorone | 9.592 | 82 | 2006309 | 19.148 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.775 | 139 | 484904 | 21.115 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.834 | 107 | 959100 | 19.416 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.075 | 93 | 1206114 | 19.023 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 837458 | 20.451 | ng/ul | 99 |
| 30) Naphthalene | 10.716 | 128 | 2888006 | 19.253 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.816 | 127 | 1217758 | 18.725 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.010 | 225 | 479281 | 19.624 | ng/ul | 99 |
| 34) Caprolactam | 11.569 | 113 | 276384m | 17.524 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 903133 | 19.586 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.328 | 142 | 2007601 | 19.470 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.545 | 142 | 2021365 | 19.403 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.692 | 216 | 976513 | 19.563 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.680 | 237 | 517769 | 15.088 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.927 | 196 | 635401 | 20.745 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.998 | 196 | 690637 | 20.746 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.333 | 154 | 2565924 | 19.361 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.374 | 162 | 1964738 | 19.331 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.563 | 65 | 592085 | 20.024 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.951 | 163 | 2397630 | 19.100 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.063 | 165 | 471649 | 20.590 | ng/ul | 97 |
| 50) Acenaphthylene | 14.216 | 152 | 3121697 | 19.365 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.386 | 138 | 547648 | 20.478 | ng/ul | 93 |
| 52) Acenaphthene | 14.563 | 153 | 2194503 | 19.162 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.586 | 184 | 148307 | 11.766 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.686 | 109 | 357140 | 17.325 | ng/ul | 96 |
| 56) Dibenzofuran | 14.892 | 168 | 2864762 | 19.245 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 675651 | 20.483 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.116 | 232 | 522670 | 20.403 | ng/ul | 99 |
| 59) Diethylphthalate | 15.321 | 149 | 2479096 | 18.666 | ng/ul | 98 |
| 61) Fluorene | 15.539 | 166 | 2506496 | 19.294 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.539 | 204 | 1168967 | 19.432 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.545 | 138 | 576561 | 21.787 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.610 | 198 | 288719 | 14.707 | ng/ul# | 92 |
| 67) N-Nitrosodiphenylamine | 15.745 | 169 | 1989536 | 19.480 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.427 | 248 | 668981 | 19.682 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.545 | 284 | 762139 | 19.624 | ng/ul | 93 |
| 70) Atrazine | 16.692 | 200 | 669521 | 18.661 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.880 | 266 | 417094 | 17.065 | ng/ul | 98 |
| 72) Phenanthrene | 17.274 | 178 | 3577628 | 19.089 | ng/ul | 99 |
| 74) Anthracene | 17.362 | 178 | 3648729 | 19.227 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.298 | 216 | 975366 | 20.416 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.816 | 250 | 932809 | 19.769 | ng/uL | 99 |
| 77) Carbazole | 17.627 | 167 | 3308350 | 19.067 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.204 | 149 | 4307425 | 19.255 | ng/ul | 100 |
| 80) Fluoranthene | 19.280 | 202 | 3856328 | 22.338 | ng/ul | 98 |
| 82) Pyrene | 19.639 | 202 | 4136964 | 22.483 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.539 | 149 | 1797878 | 21.404 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.356 | 252 | 974356 | 16.398 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.439 | 228 | 3472957 | 19.345 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 2770582 | 21.752 | ng/ul | 99 |
| 87) Chrysene | 21.503 | 228 | 3157048 | 19.061 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.533 | 149 | 4338828 | 25.171 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.539 | 252 | 2729789 | 19.709 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.603 | 252 | 2802402 | 20.600 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.356 | 252 | 2460654 | 19.338 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 27.944 | 276 | 2818416 | 18.061 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.003 | 278 | 2292870 | 18.046 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.009 | 276 | 2142245 | 17.972 | ng/ul | 99 |

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

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