Quantitation Report (Qedit)

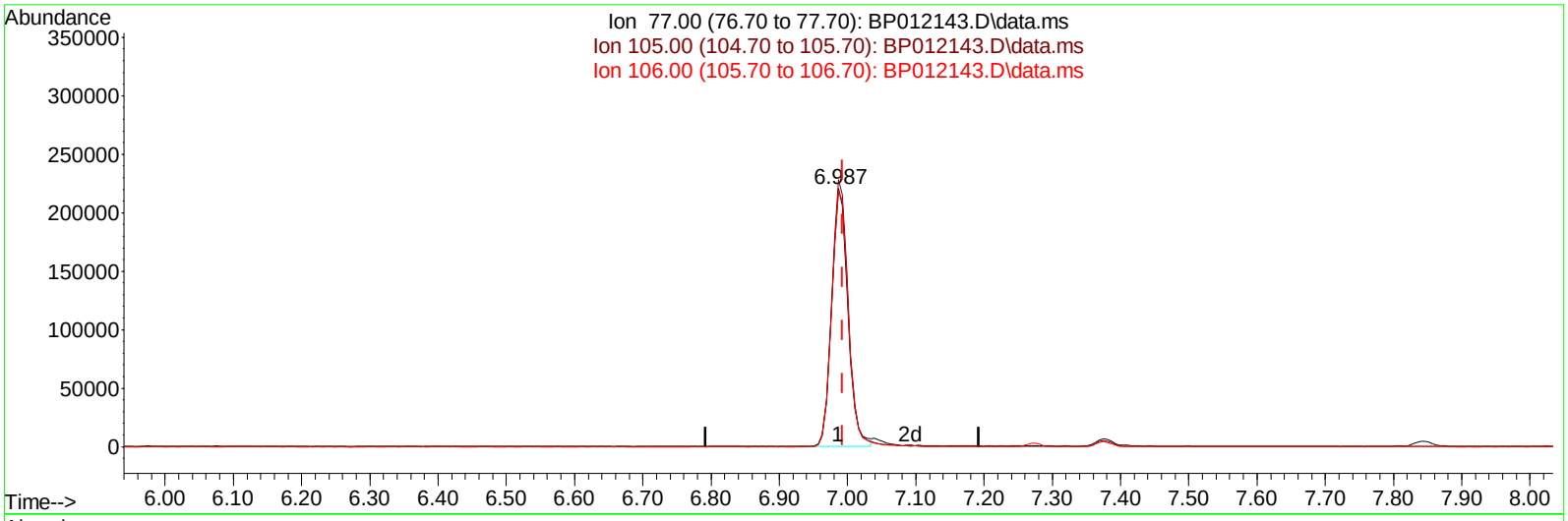
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012143.D
Acq On : 14 Oct 2022 18:09
Operator : CG/JU
Sample : PB148234BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

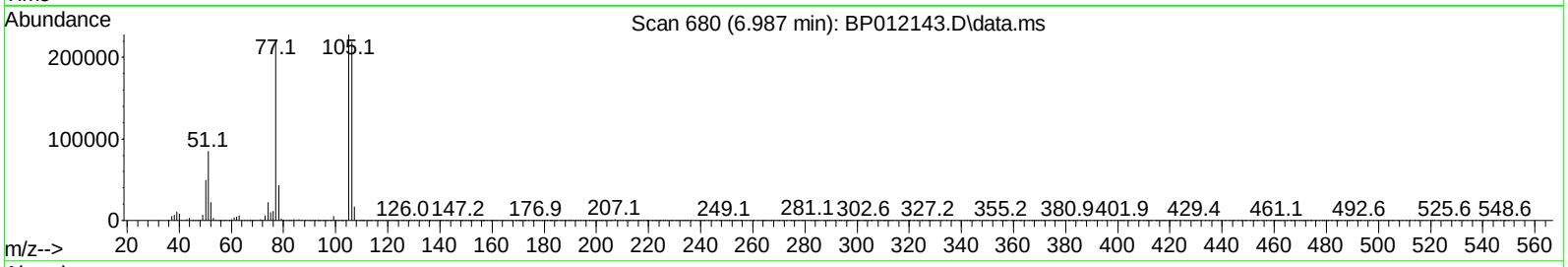
Quant Time: Oct 14 23:04:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

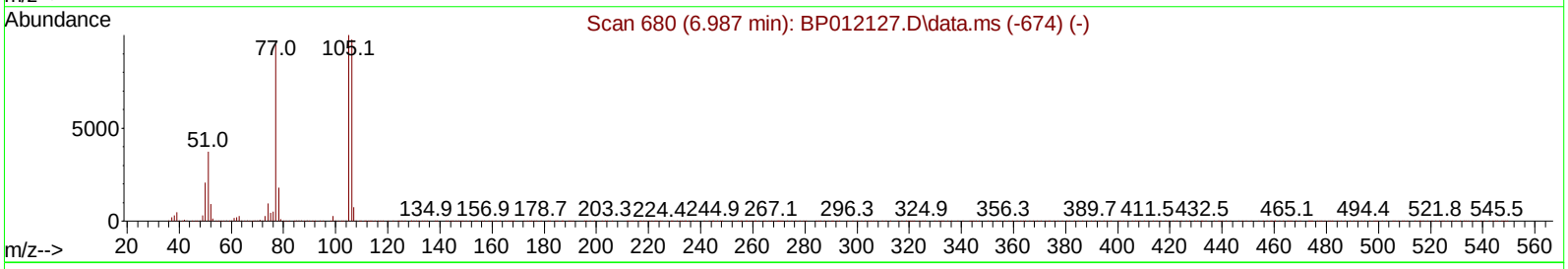
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS234

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022




TIC: BP012143.D\data.ms

**(6) Benzaldehyde**

**6.987min (-0.006) 38.26 ng/ul**

**response 364315**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 106.50 | 103.42 |
| 106.00 | 103.90 | 99.25 |
| 0.00 | 0.00 | 0.00 |

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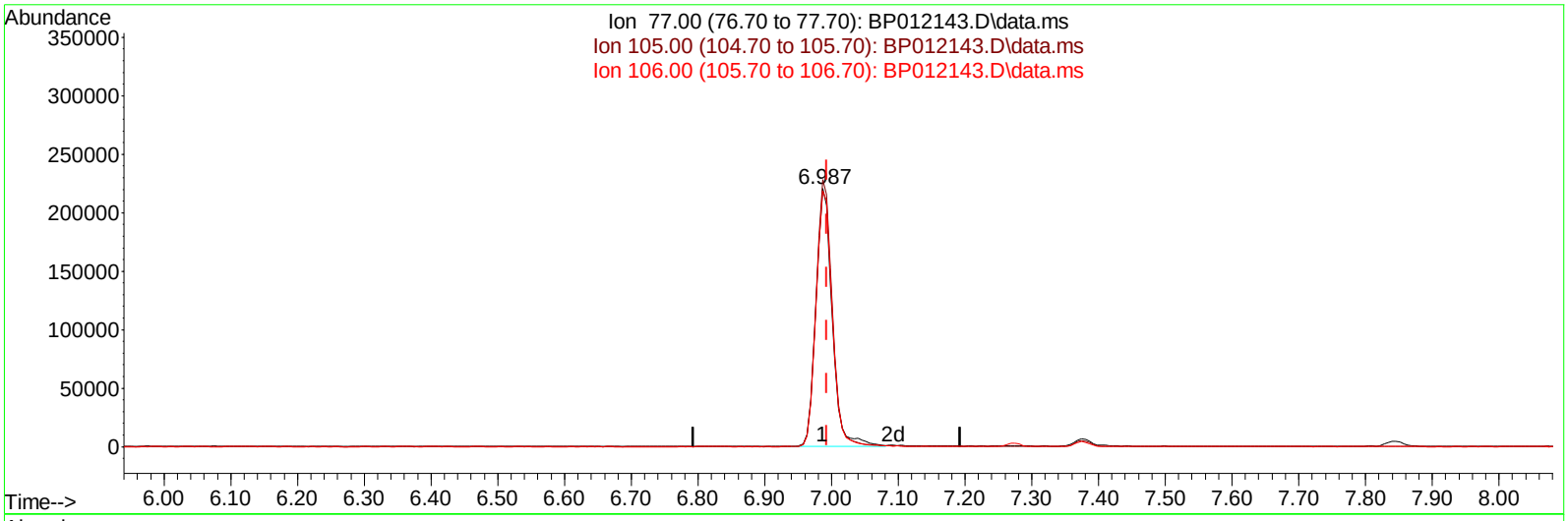


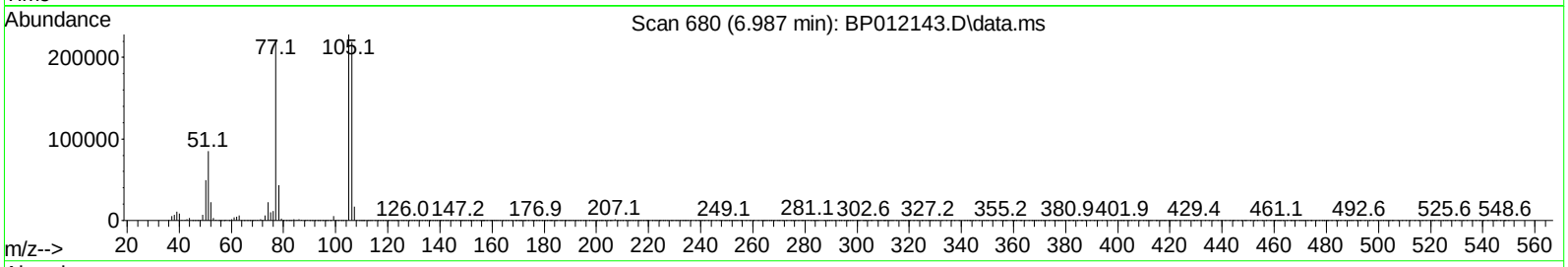


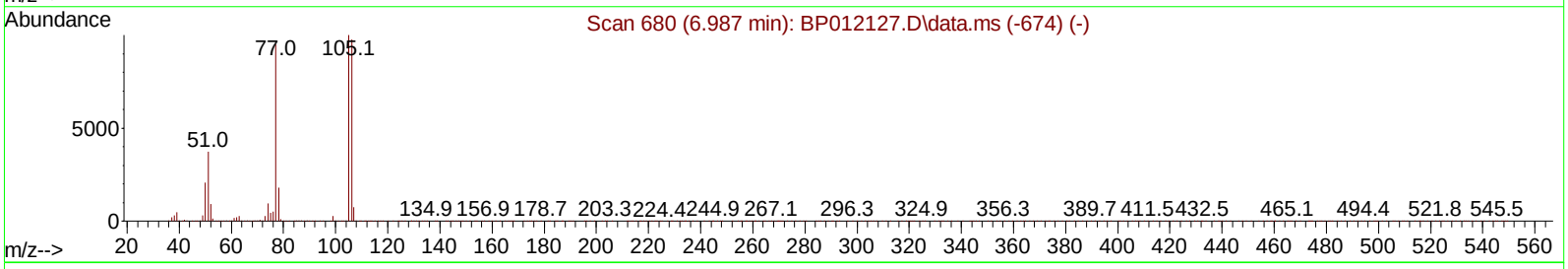


TIC: BP012143.D\data.ms

**(6) Benzaldehyde**

**6.987min (-0.006) 39.27 ng/ul m**

**response 373903**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 106.50 | 103.42 |
| 106.00 | 103.90 | 99.25 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.845 | 152 | 252321 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.651 | 136 | 1040453 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.492 | 164 | 564043 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.257 | 188 | 1120499 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.345 | 240 | 1253394 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.762 | 264 | 1316628 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 31713 | 4.955 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 430086 | 25.270 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.016 | 99 | 594107 | 29.276 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.181 | 67 | 338428 | 29.381 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.375 | 132 | 481683 | 29.903 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.563 | 113 | 444023 | 28.487 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 226738 | 30.856 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.734 | 143 | 235379 | 31.591 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.275 | 165 | 423177 | 29.305 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.798 | 131 | 547451 | 25.727 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.910 | 166 | 1014333 | 28.395 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.186 | 160 | 1298329 | 29.392 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.710 | 143 | 221017 | 31.516 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.492 | 176 | 928172 | 28.719 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 200 | 168560 | 28.489 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.351 | 188 | 1425127 | 29.290 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.592 | 212 | 1740031 | 27.098 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.609 | 264 | 1897549 | 29.647 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 65835 | 9.776 | ng/uL | 92 |
| 5) Pyridine | 3.716 | 79 | 436612 | 26.774 | ng/ul | 94 |
| 6) Benzaldehyde | 6.987 | 77 | 373903m | 39.271 | ng/ul | |
| 8) Phenol | 7.040 | 94 | 603442 | 28.325 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.275 | 93 | 476303 | 28.337 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.410 | 128 | 500087 | 28.606 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.293 | 108 | 443519 | 27.912 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.381 | 45 | 484102 | 28.099 | ng/ul | 100 |
| 16) Acetophenone | 8.675 | 105 | 678439 | 28.232 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.663 | 70 | 305234 | 27.888 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.628 | 108 | 474043 | 27.679 | ng/ul | 99 |
| 19) Hexachloroethane | 8.922 | 117 | 198958 | 29.483 | ng/ul | 96 |
| 22) Nitrobenzene | 9.057 | 77 | 497371 | 29.527 | ng/ul | 99 |
| 23) Isophorone | 9.587 | 82 | 854834 | 28.610 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.769 | 139 | 260494 | 29.758 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.828 | 107 | 456270 | 26.763 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.069 | 93 | 573001 | 27.946 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.298 | 162 | 419769 | 27.662 | ng/ul | 97 |
| 30) Naphthalene | 10.704 | 128 | 1508150 | 27.430 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.822 | 127 | 544124 | 24.802 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.981 | 225 | 249347 | 26.498 | ng/ul | 99 |
| 34) Caprolactam | 11.616 | 113 | 116124 | 27.847 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 11.945 | 107 | 408544 | 28.417 | ng/ul | 98 |

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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.310 | 142 | 940399 | 26.562 ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.533 | 142 | 937628 | 26.446 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.681 | 216 | 465638 | 27.006 ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.657 | 237 | 174823 | 20.875 ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.928 | 196 | 297539 | 28.648 ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.998 | 196 | 325487 | 28.836 ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.328 | 154 | 1184584 | 27.819 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.369 | 162 | 942616 | 27.721 ng/ul | 99 |
| 45) 2-Nitroaniline | 13.580 | 65 | 227512 | 31.365 ng/ul | 96 |
| 47) Dimethylphthalate | 13.957 | 163 | 1044002 | 27.739 ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.080 | 165 | 203373 | 30.521 ng/ul | 99 |
| 50) Acenaphthylene | 14.216 | 152 | 1428501 | 28.581 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.410 | 138 | 228000 | 29.385 ng/ul | 96 |
| 52) Acenaphthene | 14.557 | 153 | 985606 | 27.700 ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.622 | 184 | 110012 | 25.556 ng/ul | 100 |
| 55) 4-Nitrophenol | 14.722 | 109 | 148087 | 30.543 ng/ul | 96 |
| 56) Dibenzofuran | 14.892 | 168 | 1334448 | 27.750 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.869 | 165 | 301630 | 31.497 ng/ul# | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 257202 | 29.234 ng/ul | 98 |
| 59) Diethylphthalate | 15.322 | 149 | 973434 | 28.242 ng/ul | 100 |
| 61) Fluorene | 15.545 | 166 | 1072077 | 28.401 ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.539 | 204 | 495526 | 27.136 ng/ul | 100 |
| 63) 4-Nitroaniline | 15.574 | 138 | 257598 | 36.360 ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.633 | 198 | 177876 | 27.809 ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.757 | 169 | 885642 | 26.704 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.439 | 248 | 285157 | 26.153 ng/ul | 98 |
| 69) Hexachlorobenzene | 16.551 | 284 | 330432 | 26.110 ng/ul | 99 |
| 70) Atrazine | 16.716 | 200 | 282990 | 27.748 ng/ul | 99 |
| 71) Pentachlorophenol | 16.904 | 266 | 208090 | 28.065 ng/ul | 98 |
| 72) Phenanthrene | 17.298 | 178 | 1709153 | 28.048 ng/ul | 100 |
| 74) Anthracene | 17.386 | 178 | 1708927 | 28.339 ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.292 | 216 | 476480 | 26.316 ng/uL | 100 |
| 76) Pentachlorobenzene | 14.810 | 250 | 416510 | 23.423 ng/uL | 99 |
| 77) Carbazole | 17.663 | 167 | 1634877 | 30.398 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.210 | 149 | 1575260 | 29.515 ng/ul | 99 |
| 80) Fluoranthene | 19.268 | 202 | 2058331 | 26.160 ng/ul | 99 |
| 82) Pyrene | 19.621 | 202 | 2199766 | 26.418 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.492 | 149 | 796822 | 30.188 ng/ul | 89 |
| 84) 3,3'-Dichlorobenzidine | 21.268 | 252 | 737270 | 26.694 ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.333 | 228 | 2255408 | 28.588 ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 1104950 | 31.052 ng/ul | 98 |
| 87) Chrysene | 21.386 | 228 | 2115564 | 27.858 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.180 | 149 | 1965110 | 29.812 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.027 | 252 | 2427809 | 29.131 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.074 | 252 | 2272355 | 27.720 ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.656 | 252 | 2122657 | 28.548 ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.280 | 276 | 2739855 | 29.143 ng/ul# | 95 |
| 95) Dibenzo(a,h)anthracene | 26.297 | 278 | 2352052 | 27.887 ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.050 | 276 | 2298500 | 27.116 ng/ul | 96 |

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

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