Quantitation Report (Qedit)

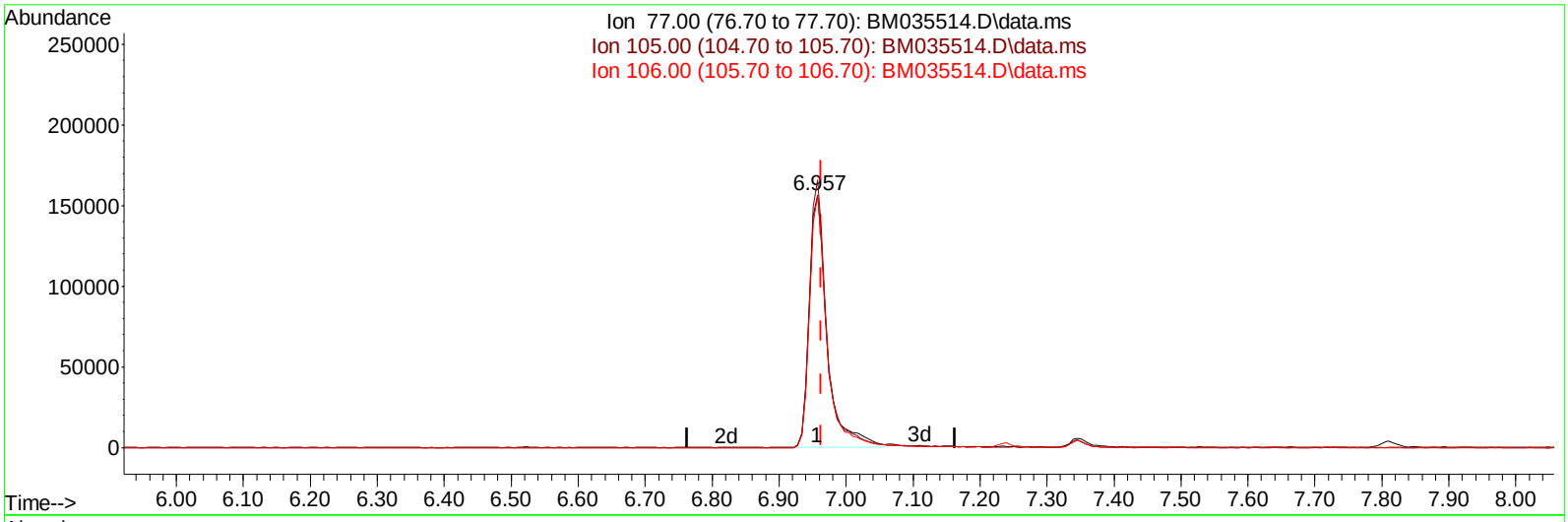
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
Data File : BM035514.D
Acq On : 18 Jun 2022 03:27
Operator : CG/JU
Sample : PB145488BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

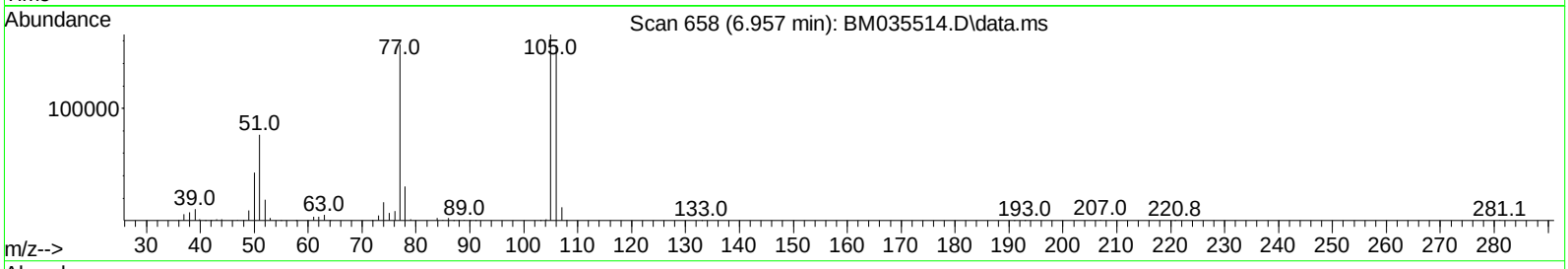
Quant Time: Jun 18 04:25:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:58:49 2022
Response via : Initial Calibration

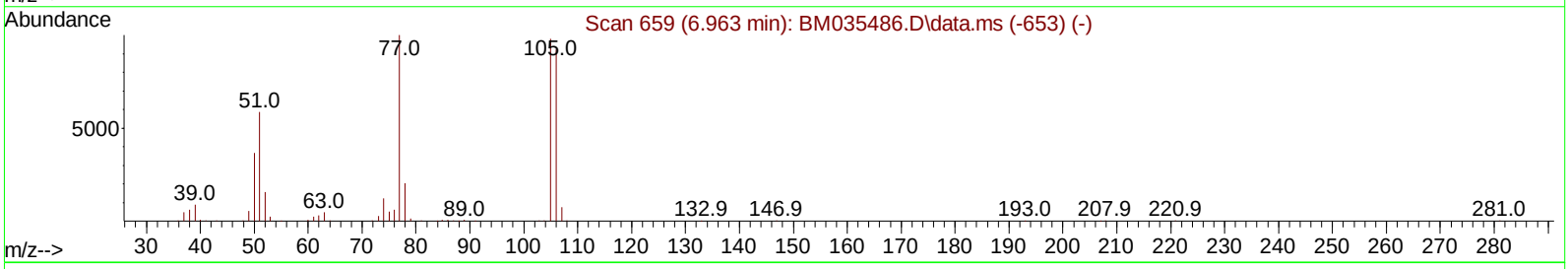
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS488

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/18/2022
Supervised By :Yogesh Patel 06/22/2022




TIC: BM035514.D\data.ms

**(6) Benzaldehyde**

**6.957min (-0.006) 44.82 ng/ul**

**response 289660**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 105.80 | 105.84 |
| 106.00 | 100.40 | 99.71 |
| 0.00 | 0.00 | 0.00 |

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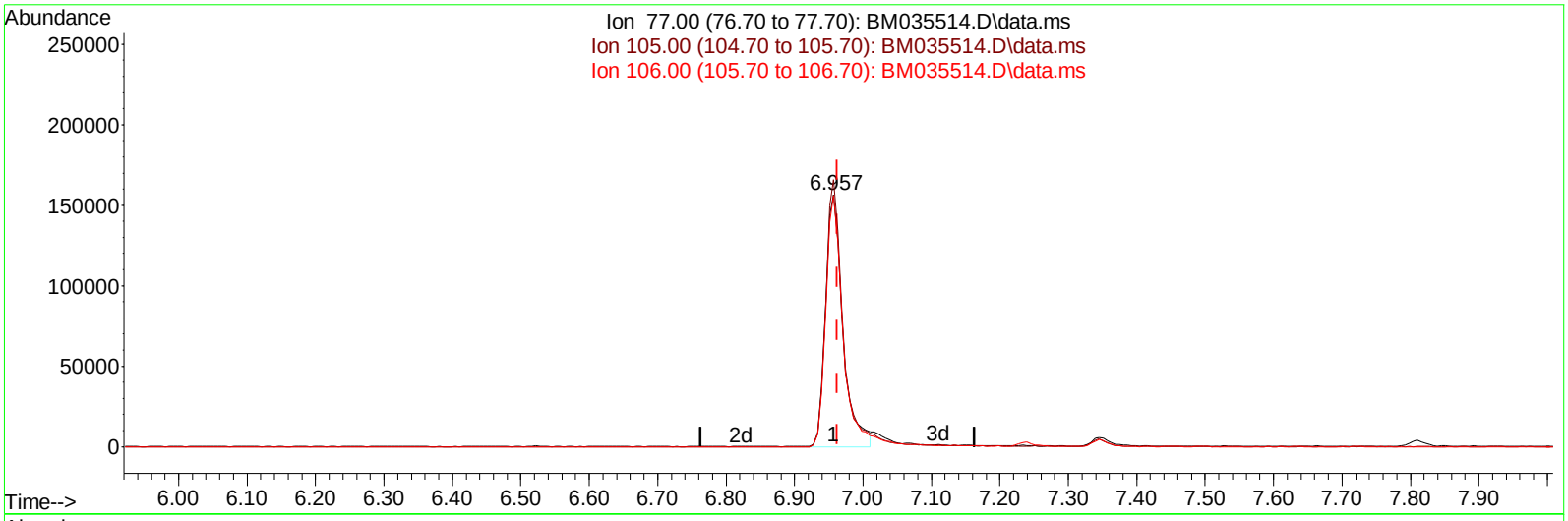


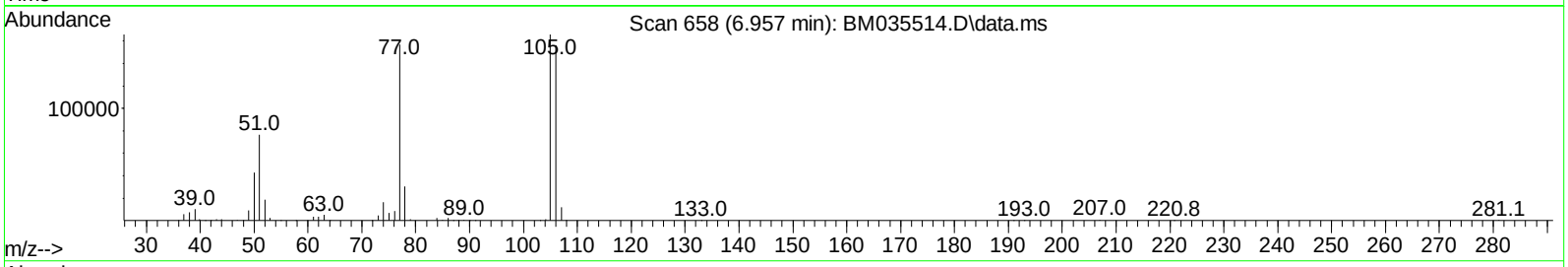


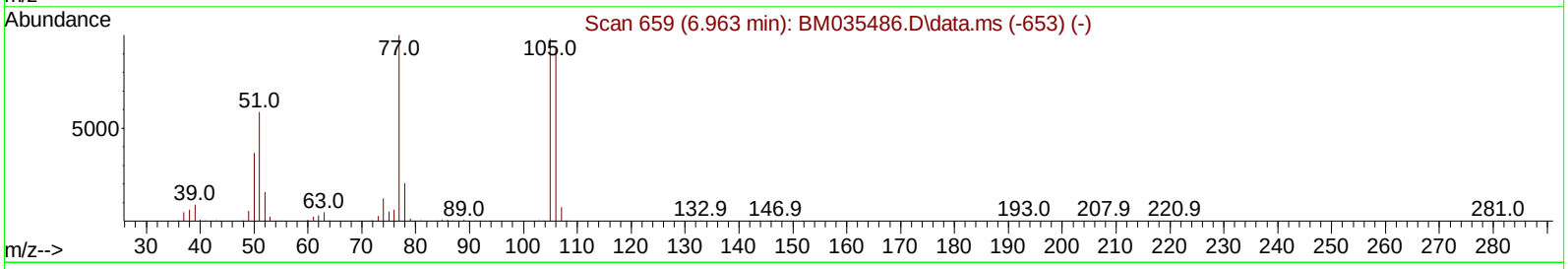


TIC: BM035514.D\data.ms

**(6) Benzaldehyde**

**6.957min (-0.006) 42.97 ng/ul m**

**response 277754**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 105.80 | 105.84 |
| 106.00 | 100.40 | 99.71 |
| 0.00 | 0.00 | 0.00 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 196886 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.604 | 136 | 839338 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.451 | 164 | 479258 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 947359 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 959346 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.727 | 264 | 1034640 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.263 | 96 | 29231 | 5.927 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.681 | 84 | 341810 | 28.138 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.992 | 99 | 464263 | 30.768 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.145 | 67 | 282851 | 30.143 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.345 | 132 | 420641 | 32.185 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.533 | 113 | 384543 | 30.443 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.969 | 128 | 193158 | 30.916 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.692 | 143 | 209578 | 31.108 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.245 | 165 | 357755 | 31.276 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.751 | 131 | 815363 | 45.303 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.868 | 166 | 1036298 | 31.788 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.145 | 160 | 1270563 | 31.451 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.692 | 143 | 150412 | 30.036 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.445 | 176 | 883252 | 31.291 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.586 | 200 | 178142 | 31.541 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.298 | 188 | 1343585 | 31.552 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.592 | 212 | 1538900 | 32.628 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.574 | 264 | 1641495 | 32.894 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.298 | 88 | 56909 | 11.381 | ng/uL | 97 |
| 5) Pyridine | 3.698 | 79 | 354792 | 27.692 | ng/ul | 98 |
| 6) Benzaldehyde | 6.957 | 77 | 277754m | 42.975 | ng/ul | |
| 8) Phenol | 7.022 | 94 | 481009 | 29.874 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.239 | 93 | 371490 | 29.541 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.375 | 128 | 422483 | 31.212 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.269 | 108 | 356309 | 29.875 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.345 | 45 | 530677 | 28.310 | ng/ul | 99 |
| 16) Acetophenone | 8.639 | 105 | 579099 | 30.237 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.622 | 70 | 274530 | 30.380 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.598 | 108 | 380701 | 29.660 | ng/ul | 95 |
| 19) Hexachloroethane | 8.880 | 117 | 162855 | 30.087 | ng/ul | 93 |
| 22) Nitrobenzene | 9.016 | 77 | 397334 | 29.960 | ng/ul | 97 |
| 23) Isophorone | 9.545 | 82 | 735048 | 29.303 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.727 | 139 | 223240 | 30.444 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.798 | 107 | 389481 | 28.029 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.022 | 93 | 482665 | 29.672 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.269 | 162 | 350358 | 30.187 | ng/ul | 98 |
| 30) Naphthalene | 10.651 | 128 | 1261026 | 29.408 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.774 | 127 | 506534 | 28.270 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.939 | 225 | 218480 | 29.917 | ng/ul | 99 |
| 34) Caprolactam | 11.569 | 113 | 114402 | 29.274 | ng/ul | 90 |
| 35) 4-Chloro-3-methylphenol | 11.921 | 107 | 368308 | 30.271 | ng/ul | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.274 | 142 | 818055 | 29.340 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.492 | 142 | 842795 | 29.924 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.645 | 216 | 404215 | 30.120 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.621 | 237 | 123596 | 25.045 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.898 | 196 | 243024 | 29.033 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.980 | 196 | 258776 | 29.796 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.286 | 154 | 1075739 | 30.015 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.327 | 162 | 836216 | 30.530 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.545 | 65 | 219409 | 31.071 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.915 | 163 | 1010392 | 30.732 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.039 | 165 | 208683 | 32.105 | ng/ul | 99 |
| 50) Acenaphthylene | 14.174 | 152 | 1352443 | 30.345 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.374 | 138 | 220124 | 33.051 | ng/ul | 97 |
| 52) Acenaphthene | 14.515 | 153 | 884548 | 29.918 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.604 | 184 | 100783 | 28.136 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.710 | 109 | 95387 | 29.309 | ng/ul | 93 |
| 56) Dibenzofuran | 14.851 | 168 | 1222868 | 30.221 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.833 | 165 | 307355 | 32.565 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 194381 | 27.098 | ng/ul | 98 |
| 59) Diethylphthalate | 15.280 | 149 | 1017671 | 30.548 | ng/ul | 98 |
| 61) Fluorene | 15.504 | 166 | 1005208 | 30.589 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.498 | 204 | 472451 | 30.632 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.539 | 138 | 208100 | 34.979 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.604 | 198 | 169969 | 30.241 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.709 | 169 | 864955 | 31.194 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.392 | 248 | 281787 | 31.017 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.509 | 284 | 324043 | 30.830 | ng/ul | 100 |
| 70) Atrazine | 16.674 | 200 | 69572 | 7.106 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.862 | 266 | 131196 | 23.677 | ng/ul | 98 |
| 72) Phenanthrene | 17.239 | 178 | 1569467 | 30.768 | ng/ul | 99 |
| 74) Anthracene | 17.333 | 178 | 1599827 | 30.652 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.251 | 216 | 423857 | 29.310 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.774 | 250 | 397518 | 30.917 | ng/uL | 99 |
| 77) Carbazole | 17.609 | 167 | 1464938 | 31.101 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.174 | 149 | 1766199 | 27.066 | ng/ul | 99 |
| 80) Fluoranthene | 19.262 | 202 | 1806576 | 31.488 | ng/ul | 100 |
| 82) Pyrene | 19.621 | 202 | 1887699 | 31.435 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.521 | 149 | 810485 | 31.394 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.309 | 252 | 600934 | 34.344 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.374 | 228 | 1816574 | 31.361 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149 | 1210269 | 31.591 | ng/ul | 100 |
| 87) Chrysene | 21.421 | 228 | 1816933 | 31.465 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.203 | 149 | 2154775 | 31.732 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.015 | 252 | 1935697 | 31.499 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.062 | 252 | 1890447 | 31.982 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.621 | 252 | 1967066 | 31.928 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.144 | 276 | 2295240 | 31.821 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.156 | 278 | 1965049 | 31.840 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.885 | 276 | 1964516 | 31.779 | ng/ul | 99 |

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

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