

Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :Yogesh Patel 12/16/2021



Quantitation Report (Qedit)

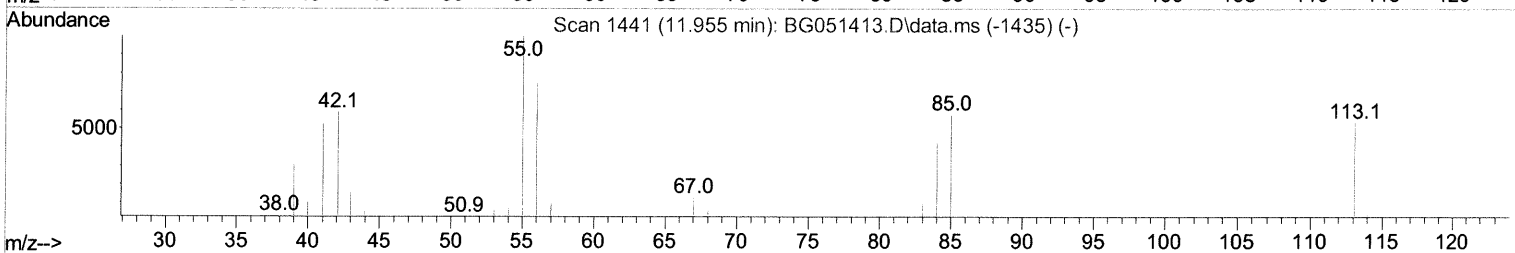
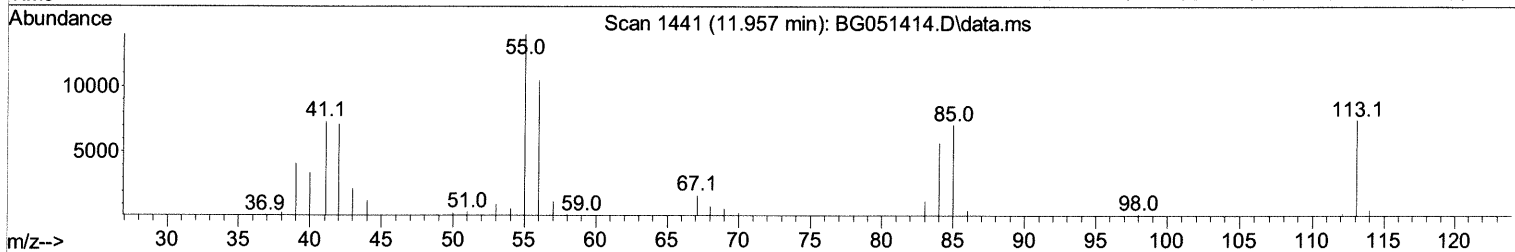
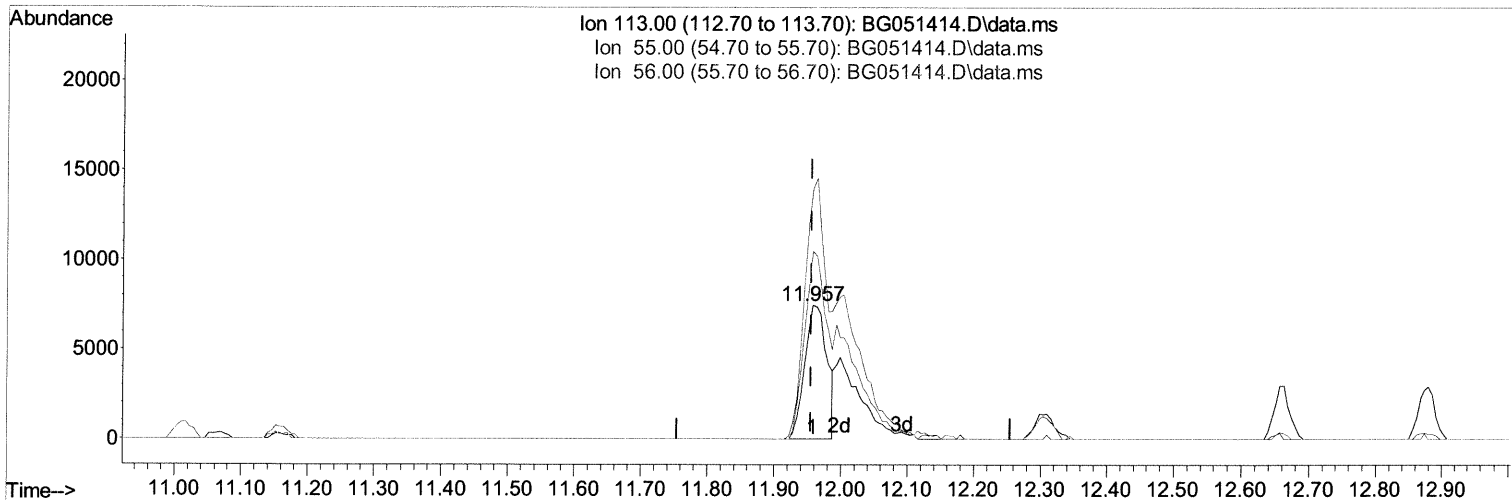
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051414.D
 Acq On : 8 Dec 2021 19:45
 Operator : CG/JU
 Sample : SSTD04031
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Dec 09 02:17:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 02:14:28 2021
 Response via : Initial Calibration

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TIC: BG051414.D\data.ms

(34) Caprolactam

11.957min (+ 0.002) 24.30 ng/ul

response 17232

| Ion | Exp% | Act% |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 187.37 |
| 56.00 | 136.50 | 140.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

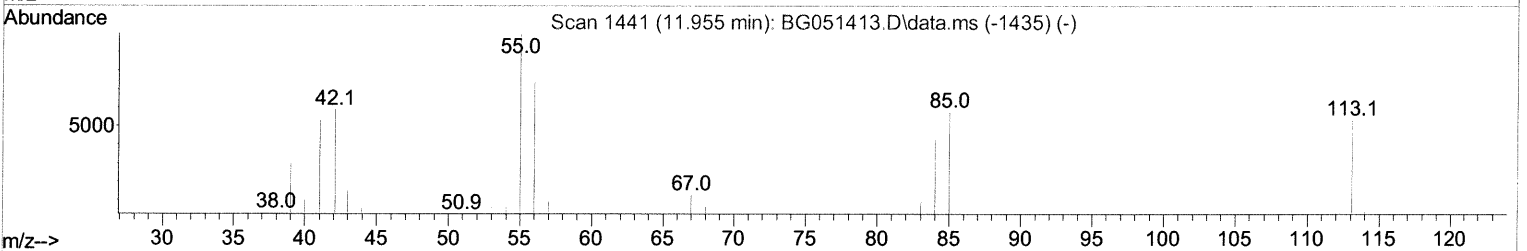
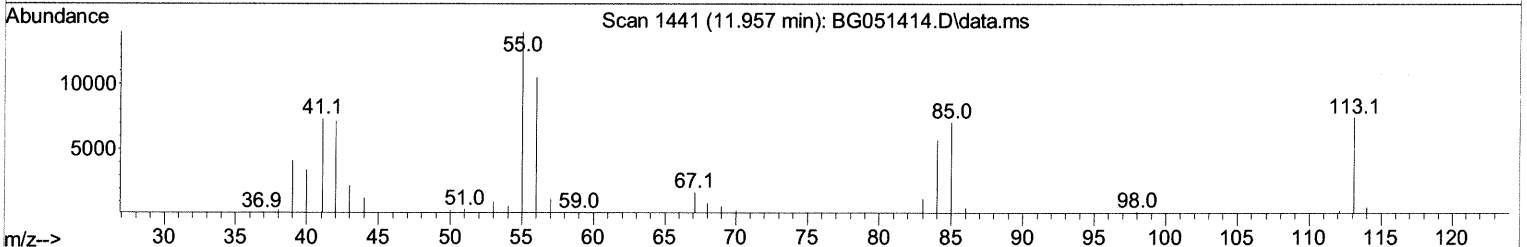
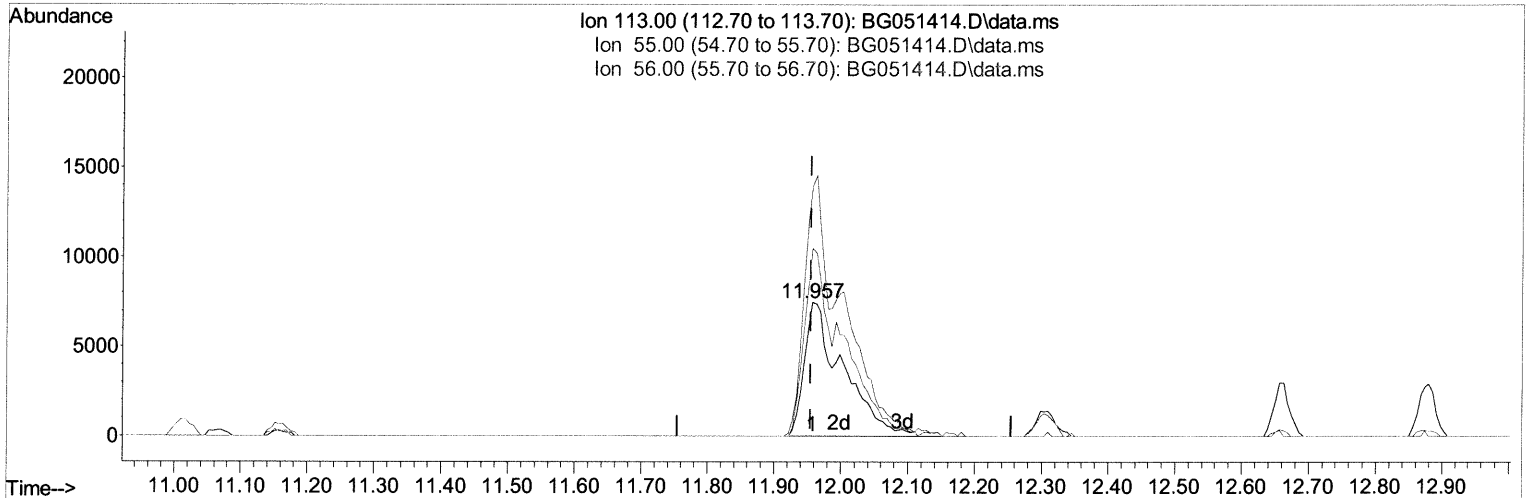
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(34) Caprolactam

11.957min (+ 0.002) 41.86 ng/ul m 12/16/21 JU

response 29685

| Ion | Exp% | Act% |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 187.37 |
| 56.00 | 136.50 | 140.61 |
| 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 | 8.185 | 152 | 24564 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.017 | 136 | 113431 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.824 | 164 | 75162 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.574 | 188 | 169655 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.875 | 240 | 141496 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.277 | 264 | 141237 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.526 | 96 | 12017 | 17.00 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.961 | 84 | 87479 | 42.17 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.357 | 99 | 102004 | 42.02 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.503 | 67 | 64827 | 42.52 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.721 | 132 | 73769 | 42.20 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.914 | 113 | 79798 | 40.73 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.366 | 128 | 39008 | 40.74 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.095 | 143 | 45651 | 42.26 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.647 | 165 | 75619 | 41.26 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.158 | 131 | 106812 | 39.83 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.219 | 166 | 234346 | 40.52 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.519 | 160 | 297079 | 40.74 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.059 | 143 | 35508 | 37.93 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.811 | 176 | 208380 | 40.01 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.952 | 200 | 41961 | 40.08 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.674 | 188 | 320720 | 39.53 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.954 | 212 | 367150 | 42.88 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.048 | 264 | 310062 | 41.11 | ng/ul | 0.01 |
| Target Compounds | | | | | | |
| 2) 1,4-Dioxane | 3.567 | 88 | 12891 | 16.17 | ng/uL | 95 |
| 5) Pyridine | 3.978 | 79 | 91105 | 42.21 | ng/ul | 95 |
| 6) Benzaldehyde | 7.327 | 77 | 70046 | 45.31 | ng/ul | 94 |
| 8) Phenol | 7.386 | 94 | 104393 | 41.51 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.597 | 93 | 79397 | 41.73 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.756 | 128 | 74793 | 41.98 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.643 | 108 | 78203 | 41.75 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.708 | 45 | 118891 | 43.30 | ng/ul | 96 |
| 16) Acetophenone | 9.019 | 105 | 126256 | 41.66 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.996 | 70 | 74255 | 42.64 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.972 | 108 | 83079 | 41.47 | ng/ul | 98 |
| 19) Hexachloroethane | 9.272 | 117 | 32034 | 42.57 | ng/ul | 97 |
| 22) Nitrobenzene | 9.413 | 77 | 105684 | 42.09 | ng/ul | 94 |
| 23) Isophorone | 9.930 | 82 | 206199 | 42.27 | ng/ul | 100 |
| 25) 2-Nitrophenol | 10.124 | 139 | 46041 | 41.15 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 10.177 | 107 | 95535 | 41.77 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.406 | 93 | 112047 | 41.61 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.676 | 162 | 72806 | 40.36 | ng/ul | 98 |
| 30) Naphthalene | 11.070 | 128 | 247622 | 40.12 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.181 | 127 | 108014 | 40.12 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.328 | 225 | 47530 | 38.20 | ng/ul | 98 |
| 34) Caprolactam | 11.957 | 113 | 29685m | 41.86 | ng/ul | > 99 |
| 35) 4-Chloro-3-methylphenol | 12.304 | 107 | 90191 | 41.62 | ng/ul | 99 |

12/16/21 JU

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 36) 2-Methylnaphthalene | 12.662 | 142 | 166685 | 39.70 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.879 | 142 | 172778 | 40.00 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 13.020 | 216 | 94083 | 39.87 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.985 | 237 | 39833 | 41.76 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.267 | 196 | 63171 | 42.66 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.355 | 196 | 64851 | 41.82 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.655 | 154 | 224693 | 40.02 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.708 | 162 | 177800 | 39.82 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.919 | 65 | 68811 | 44.52 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.266 | 163 | 234698 | 40.09 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.407 | 165 | 51838 | 42.16 | ng/ul | 90 |
| 50) Acenaphthylene | 14.548 | 152 | 288670 | 40.07 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.742 | 138 | 52301 | 43.03 | ng/ul | 96 |
| 52) Acenaphthene | 14.889 | 153 | 191636 | 40.33 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.965 | 184 | 21338 | 31.39 | ng/ul# | 85 |
| 55) 4-Nitrophenol | 15.071 | 109 | 31864 | 39.24 | ng/ul | 95 |
| 56) Dibenzofuran | 15.218 | 168 | 268935 | 39.24 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.200 | 165 | 72224 | 41.12 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.453 | 232 | 51778 | 42.52 | ng/ul | 98 |
| 59) Diethylphthalate | 15.617 | 149 | 250740 | 40.81 | ng/ul | 99 |
| 61) Fluorene | 15.870 | 166 | 217178 | 39.56 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.852 | 204 | 114348 | 38.65 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.911 | 138 | 47910 | 40.51 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.970 | 198 | 40892 | 40.50 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 16.070 | 169 | 194567 | 40.06 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.746 | 248 | 71943 | 39.57 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.875 | 284 | 72510 | 39.11 | ng/ul | 99 |
| 70) Atrazine | 17.016 | 200 | 83941 | 41.12 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.233 | 266 | 26557 | 32.33 | ng/ul | 99 |
| 72) Phenanthrene | 17.615 | 178 | 374090 | 39.94 | ng/ul | 99 |
| 74) Anthracene | 17.709 | 178 | 371073 | 39.89 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.626 | 216 | 99760 | 40.31 | ng/ul | 99 |
| 76) Pentachlorobenzene | 15.142 | 250 | 91448 | 39.66 | ng/ul | 99 |
| 77) Carbazole | 17.985 | 167 | 335351 | 41.07 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.502 | 149 | 439930 | 41.78 | ng/ul | 99 |
| 80) Fluoranthene | 19.619 | 202 | 454255 | 43.20 | ng/ul | 98 |
| 82) Pyrene | 19.983 | 202 | 437555 | 42.54 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.841 | 149 | 187022 | 43.73 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.757 | 252 | 135889 | 41.25 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.857 | 228 | 397288 | 41.40 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.710 | 149 | 265648 | 43.17 | ng/ul | 99 |
| 87) Chrysene | 21.928 | 228 | 377392 | 40.93 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.974 | 149 | 443384 | 43.33 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.190 | 252 | 393804 | 41.32 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 24.260 | 252 | 357946 | 40.02 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 25.124 | 252 | 369162 | 40.60 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.207 | 276 | 414272 | 40.71 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 29.254 | 278 | 349244 | 40.46 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 30.435 | 276 | 344931 | 40.29 | ng/ul | 98 |

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