



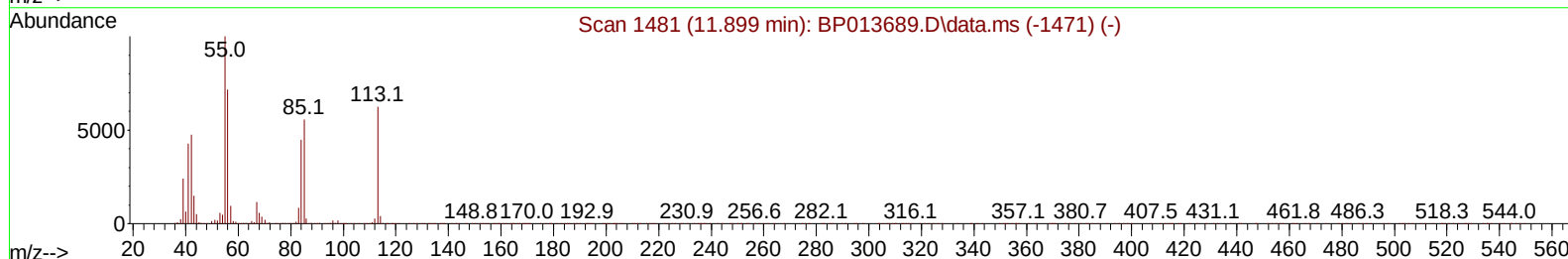
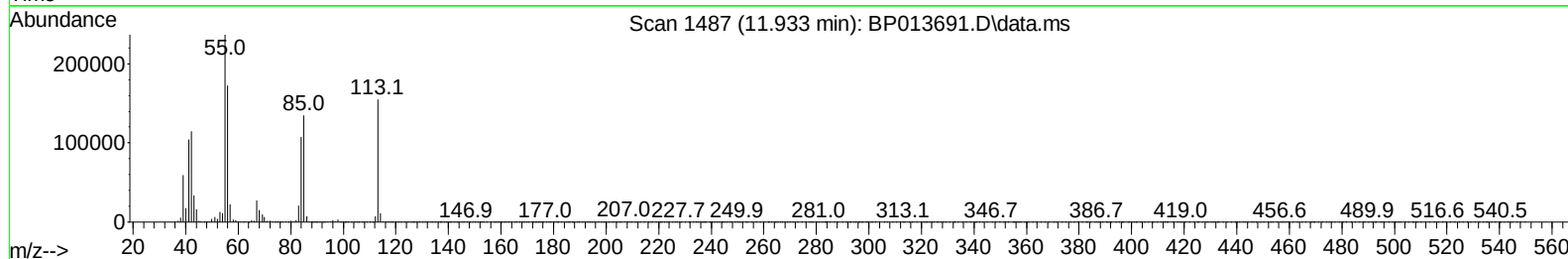
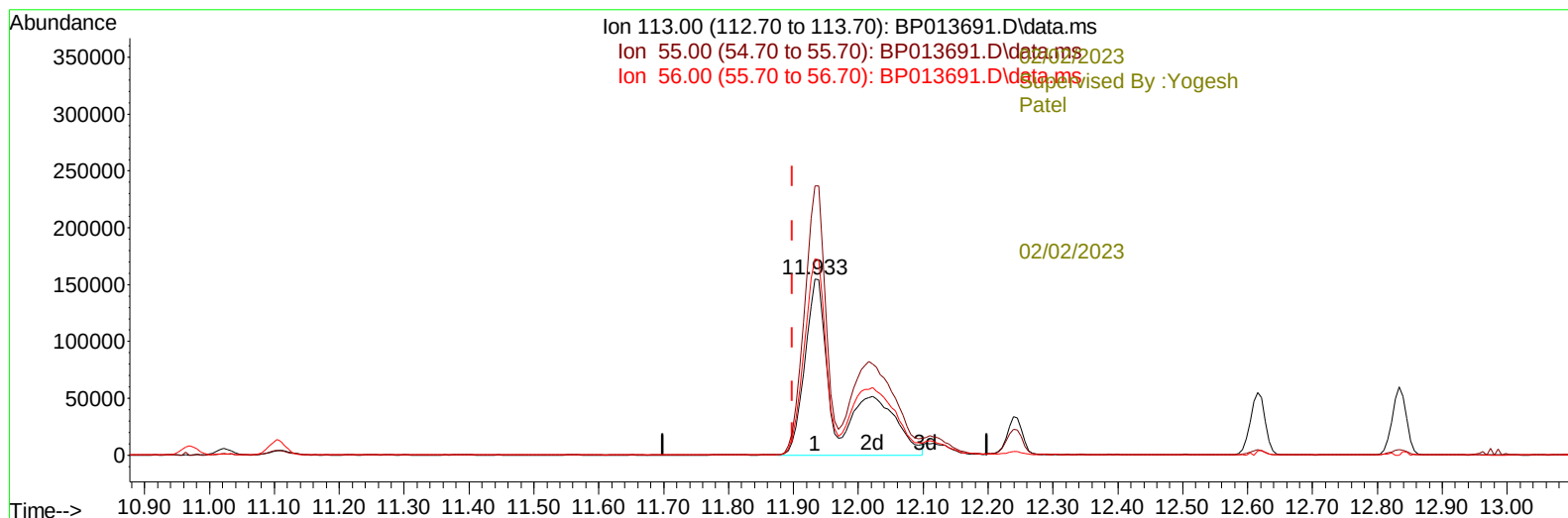
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020123\  
 Data File : BP013691.D  
 Acq On : 01 Feb 2023 12:24  
 Operator : CG/JU  
 Sample : SSTD08027  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD080607

Manual IntegrationsAPPROVED

Quant Time: Feb 02 00:18:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP020123.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 02 00:14:26 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut  
 Upadhyay



TIC: BP013691.D\data.ms

**(34) Caprolactam**

11.933min (+ 0.035) 77.41 ng/ul m

response 589456

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 160.50 | 152.56 |
| 56.00  | 115.20 | 111.26 |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----02/02/2023               |        |      |          |        |        |          |
| Supervised By :Yogesh Patel   |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.140  | 152  | 321545   | 20.000 | ng/uL  | 0.00     |
| 20) Naphthalene-d8            | 10.969 | 136  | 1339605  | 20.000 | ng/uL  | 0.00     |
| 38) Acenaphthene-d10          | 14.774 | 164  | 931999   | 20.000 | ng/uL  | 0.00     |
| 64) Phenanthrene-d10          | 17.527 | 188  | 2174086  | 20.000 | ng/uL  | 0.00     |
| 79) Chrysene-d12              | 21.609 | 240  | 2168713  | 20.000 | ng/uL  | 0.00     |
| 88) Perylene-d12              | 24.186 | 264  | 2166572  | 20.000 | ng/uL  | 0.00     |
| -----02/02/2023               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.475  | 96   | 226719   | 29.894 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.910  | 84   | 1712992  | 78.719 | ng/uL  | 0.00     |
| 7) Phenol-d5                  | 7.287  | 99   | 2232278  | 78.990 | ng/uL  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.463  | 67   | 1284704  | 77.511 | ng/uL  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.669  | 132  | 1701918  | 82.155 | ng/uL  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.857  | 113  | 1779815  | 79.002 | ng/uL  | 0.01     |
| 21) Nitrobenzene-d5           | 9.316  | 128  | 815008   | 95.370 | ng/uL  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.045 | 143  | 951663   | 95.557 | ng/uL  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.586 | 165  | 1918454  | 82.375 | ng/uL  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.104 | 131  | 2334498  | 75.897 | ng/uL  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.180 | 166  | 5680194  | 77.317 | ng/uL  | 0.00     |
| 49) Acenaphthylene-d8         | 14.475 | 160  | 6297019  | 77.579 | ng/uL  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.974 | 143  | 1026778  | 82.919 | ng/uL  | 0.02     |
| 60) Fluorene-d10              | 15.769 | 176  | 4816772  | 76.066 | ng/uL  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.886 | 200  | 1124218  | 92.275 | ng/uL  | 0.01     |
| 73) Anthracene-d10            | 17.633 | 188  | 7561232  | 74.612 | ng/uL  | 0.00     |
| 81) Pyrene-d10                | 19.851 | 212  | 9526664  | 78.760 | ng/uL  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.027 | 264  | 8956646  | 80.982 | ng/uL  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.516  | 88   | 235857   | 29.842 | ng/uL  | 95       |
| 5) Pyridine                   | 3.928  | 79   | 1705416  | 77.832 | ng/uL  | 99       |
| 6) Benzaldehyde               | 7.269  | 77   | 860344   | 75.792 | ng/uL  | 98       |
| 8) Phenol                     | 7.316  | 94   | 2282803  | 78.933 | ng/uL  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.557  | 93   | 1833452  | 78.891 | ng/uL  | 99       |
| 12) 2-Chlorophenol            | 7.698  | 128  | 1716371  | 81.779 | ng/uL  | 99       |
| 13) 2-Methylphenol            | 8.581  | 108  | 1758667  | 79.644 | ng/uL  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.675  | 45   | 2114102  | 76.832 | ng/uL  | 98       |
| 16) Acetophenone              | 8.975  | 105  | 2647699  | 75.388 | ng/uL  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.975  | 70   | 1346203  | 76.518 | ng/uL  | 98       |
| 18) 4-Methylphenol            | 8.922  | 108  | 1890299  | 78.822 | ng/uL  | 98       |
| 19) Hexachloroethane          | 9.234  | 117  | 673475   | 81.980 | ng/uL  | 97       |
| 22) Nitrobenzene              | 9.363  | 77   | 2029485  | 87.928 | ng/uL  | 96       |
| 23) Isophorone                | 9.898  | 82   | 4131480  | 78.185 | ng/uL  | 99       |
| 25) 2-Nitrophenol             | 10.075 | 139  | 993994   | 90.205 | ng/uL  | 97       |
| 26) 2,4-Dimethylphenol        | 10.128 | 107  | 1946525  | 78.182 | ng/uL  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.369 | 93   | 2434965  | 76.033 | ng/uL  | 99       |
| 29) 2,4-Dichlorophenol        | 10.616 | 162  | 1842571  | 81.750 | ng/uL  | 99       |
| 30) Naphthalene               | 11.022 | 128  | 5332838  | 75.321 | ng/uL  | 99       |
| 32) 4-Chloroaniline           | 11.134 | 127  | 2336700  | 75.484 | ng/uL  | 99       |
| 33) Hexachlorobutadiene       | 11.304 | 225  | 1265926  | 79.638 | ng/uL  | 99       |
| 34) Caprolactam               | 11.933 | 113  | 589456m  | 77.413 | ng/uL  |          |
| 35) 4-Chloro-3-methylphenol   | 12.239 | 107  | 1884406  | 78.883 | ng/uL  | 97       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.616 | 142  | 3739981  | 74.210  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.833 | 142  | 3723182  | 73.147  | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.980 | 216  | 2471606  | 80.283  | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.957 | 237  | 1539372  | 88.932  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.216 | 196  | 1686426  | 82.691  | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.286 | 196  | 1861630  | 83.759  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.616 | 154  | 5324536  | 75.456  | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.663 | 162  | 4283820  | 76.733  | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.863 | 65   | 1102704  | 103.764 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 14.233 | 163  | 5518705  | 76.249  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.357 | 165  | 1123036  | 108.877 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.504 | 152  | 6460010  | 75.476  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.686 | 138  | 935758   | 85.830  | ng/ul  | 97       |
| 52) Acenaphthene              | 14.845 | 153  | 4395301  | 74.726  | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.886 | 184  | 773184   | 96.510  | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.986 | 109  | 771205   | 81.700  | ng/ul  | 97       |
| 56) Dibenzofuran              | 15.180 | 168  | 6313957  | 73.902  | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.139 | 165  | 1600460  | 98.790  | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.398 | 232  | 1730930  | 82.865  | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.592 | 149  | 5308982  | 76.406  | ng/ul  | 98       |
| 61) Fluorene                  | 15.827 | 166  | 5047031  | 72.588  | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.816 | 204  | 2891788  | 76.340  | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.851 | 138  | 884921   | 86.685  | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.904 | 198  | 1091344  | 90.007  | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 16.027 | 169  | 4526271  | 77.132  | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.710 | 248  | 1995804  | 80.687  | ng/ul  | 100      |
| 69) Hexachlorobenzene         | 16.833 | 284  | 2328015  | 80.224  | ng/ul  | 98       |
| 70) Atrazine                  | 16.986 | 200  | 1880988  | 79.643  | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.174 | 266  | 1555247  | 83.966  | ng/ul  | 100      |
| 72) Phenanthrene              | 17.574 | 178  | 8550169  | 74.452  | ng/ul  | 99       |
| 74) Anthracene                | 17.668 | 178  | 8508367  | 73.149  | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.580 | 216  | 2578300  | 83.243  | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 15.098 | 250  | 2604530  | 82.024  | ng/uL  | 99       |
| 77) Carbazole                 | 17.927 | 167  | 7698135  | 76.288  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.463 | 149  | 9047621  | 75.885  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.521 | 202  | 10907826 | 77.369  | ng/ul  | 100      |
| 82) Pyrene                    | 19.880 | 202  | 10848032 | 75.259  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.727 | 149  | 3647976  | 88.088  | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.515 | 252  | 4021452  | 81.641  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.592 | 228  | 11341859 | 76.071  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.492 | 149  | 5704923  | 80.349  | ng/ul# | 97       |
| 87) Chrysene                  | 21.651 | 228  | 10623225 | 75.680  | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.474 | 149  | 9858764  | 86.383  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.398 | 252  | 11385520 | 80.501  | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.450 | 252  | 10777978 | 79.735  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.086 | 252  | 9586641  | 78.513  | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.915 | 276  | 11410742 | 75.428  | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.939 | 278  | 9514199  | 75.863  | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.762 | 276  | 8957246  | 74.844  | ng/ul  | 99       |

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

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Supervised By :Yogesh  
Patel

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