

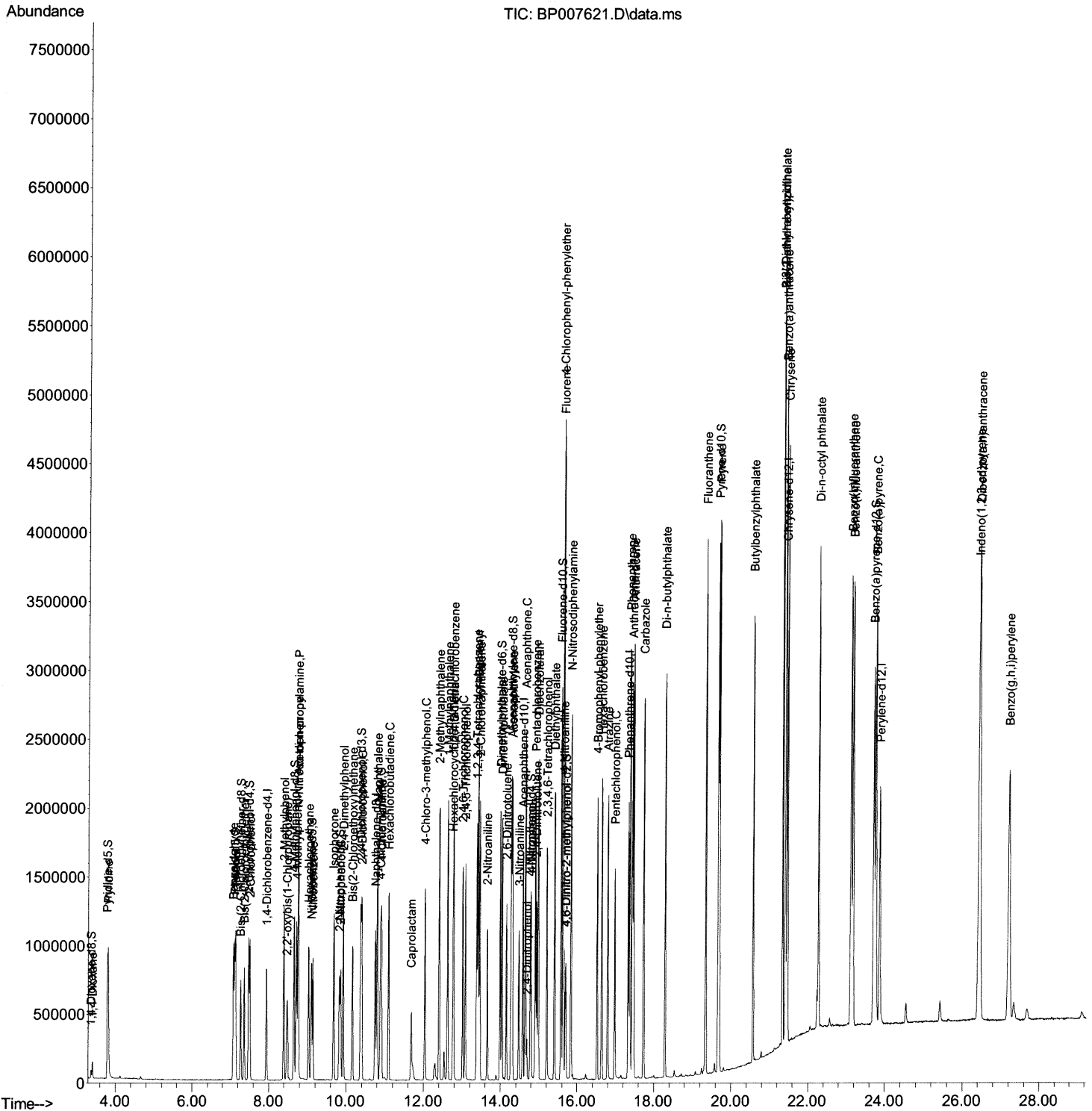
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102121\  
 Data File : BP007621.D  
 Acq On : 23 Oct 2021 09:54  
 Operator : CG/JU  
 Sample : PB140107BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampled :  
 SLCS107

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 20 10:49:33 2021  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

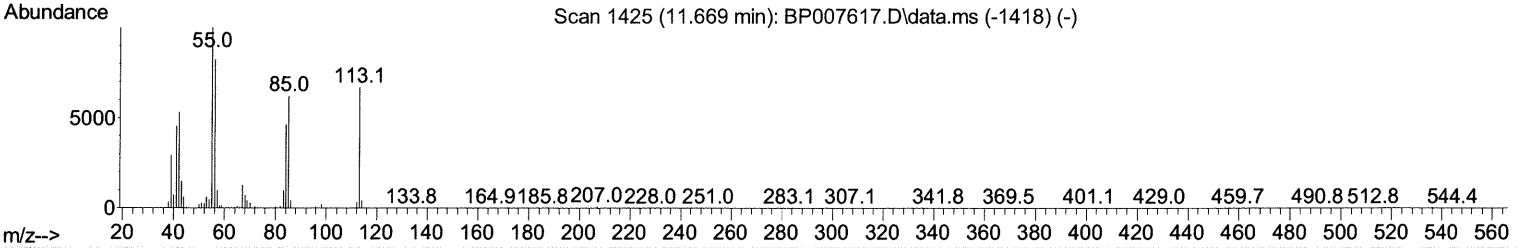
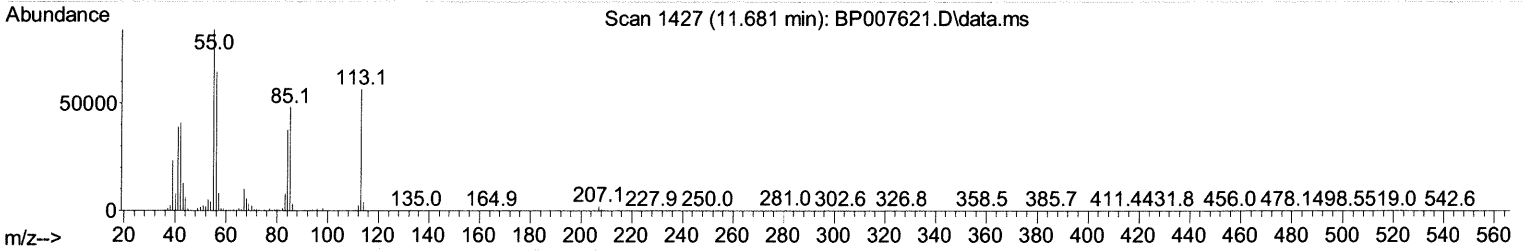
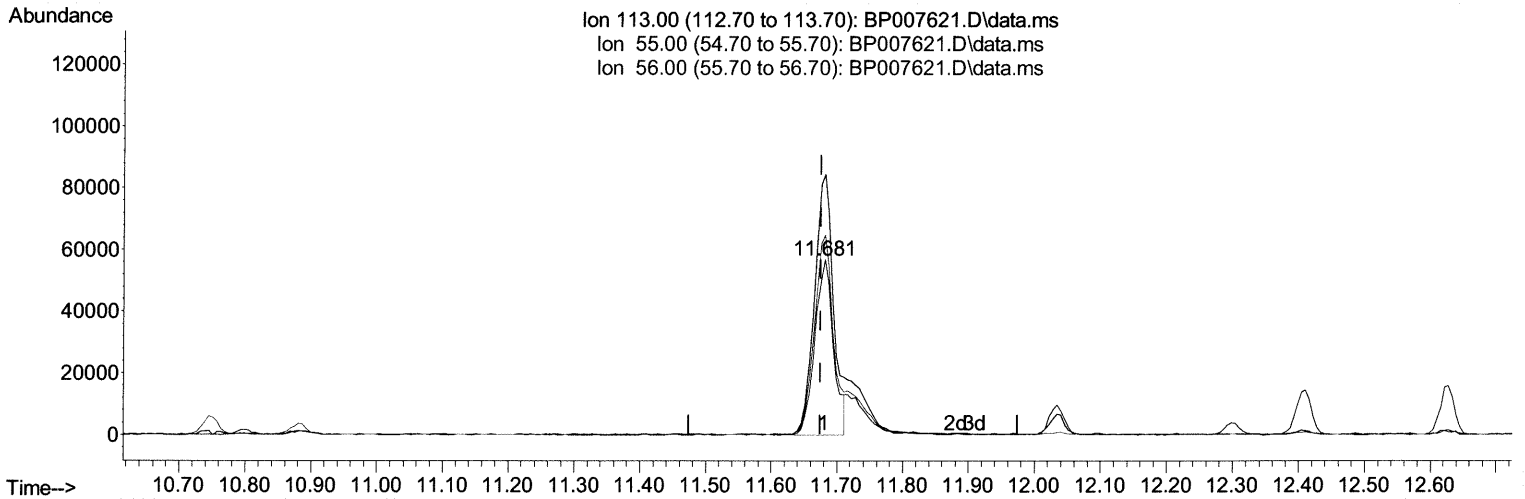
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102121\  
 Data File : BP007621.D  
 Acq On : 23 Oct 2021 09:54  
 Operator : CG/JU  
 Sample : PB140107BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS107

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 20 10:49:33 2021  
 Response via : Initial Calibration



TIC: BP007621.D\data.ms

## (34) Caprolactam

11.681min (+ 0.006) 32.91 ng/ul

response 111685

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 162.60 | 148.67 |
| 56.00  | 120.30 | 114.17 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

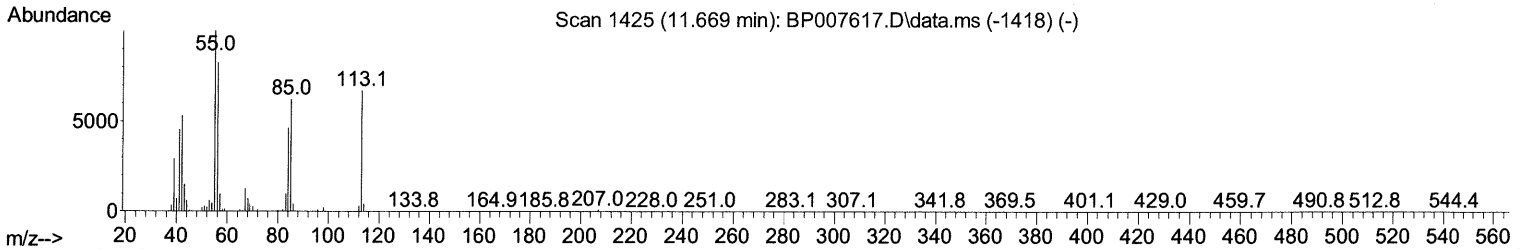
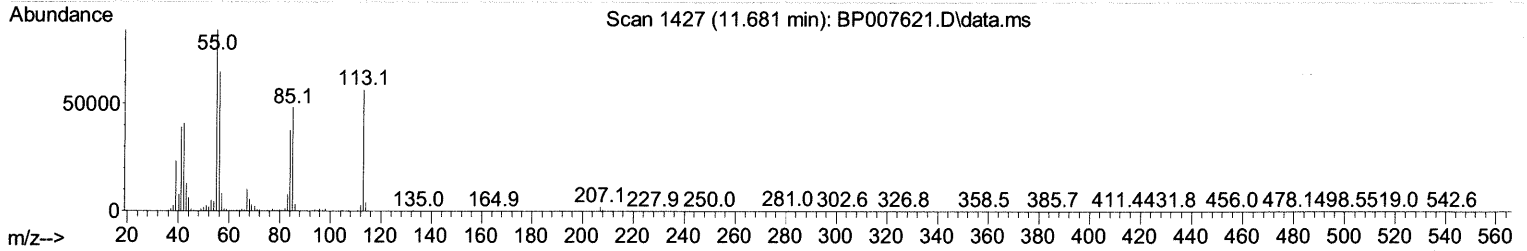
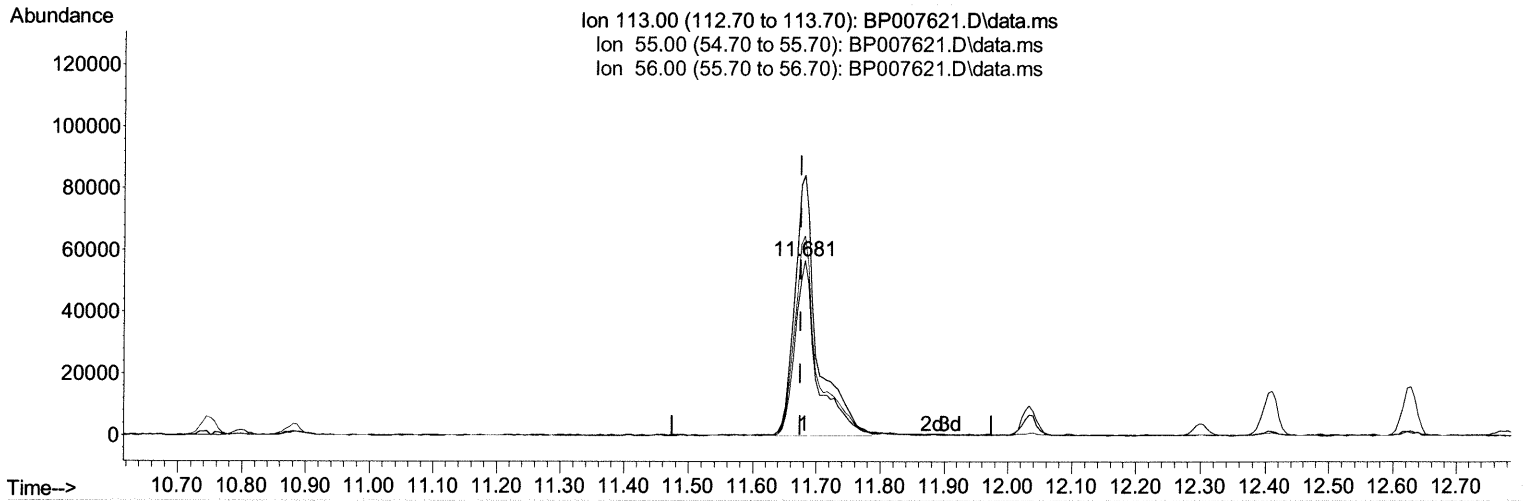
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102121\  
 Data File : BP007621.D  
 Acq On : 23 Oct 2021 09:54  
 Operator : CG/JU  
 Sample : PB140107BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS107

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 20 10:49:33 2021  
 Response via : Initial Calibration



TIC: BP007621.D\data.ms

## (34) Caprolactam

11.681min (+ 0.006) 40.84 ng/ul m 10/26/21 JU

response 138633

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 162.60 | 148.67 |
| 56.00  | 120.30 | 114.17 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102121\  
 Data File : BP007621.D  
 Acq On : 23 Oct 2021 09:54  
 Operator : CG/JU  
 Sample : PB140107BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS107

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 20 10:49:33 2021  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc Units   | Dev(Min) |
|---------------------------|--------|------|----------|--------------|----------|
| Internal Standards        |        |      |          |              |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.945  | 152  | 229306   | 20.000 ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.751 | 136  | 913051   | 20.000 ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.580 | 164  | 573775   | 20.000 ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.333 | 188  | 1231820  | 20.000 ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.421 | 240  | 1253338  | 20.000 ng/ul | 0.00     |
| 88) Perylene-d12          | 23.868 | 264  | 1323632  | 20.000 ng/ul | 0.00     |

|                               |        |     |         |              |       |
|-------------------------------|--------|-----|---------|--------------|-------|
| System Monitoring Compounds   |        |     |         |              |       |
| 3) 1,4-Dioxane-d8             | 3.375  | 96  | 30651   | 5.279 ng/ul  | 0.00  |
| 4) Pyridine-d5                | 3.787  | 84  | 444215  | 27.951 ng/ul | 0.00  |
| 7) Phenol-d5                  | 7.110  | 99  | 572707  | 31.981 ng/ul | 0.00  |
| 9) Bis-(2-Chloroethyl)eth...  | 7.269  | 67  | 321308  | 30.083 ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4         | 7.475  | 132 | 459262  | 32.600 ng/ul | 0.00  |
| 15) 4-Methylphenol-d8         | 8.657  | 113 | 456524  | 33.096 ng/ul | 0.00  |
| 21) Nitrobenzene-d5           | 9.104  | 128 | 220591  | 38.176 ng/ul | 0.00  |
| 24) 2-Nitrophenol-d4          | 9.828  | 143 | 243535  | 45.122 ng/ul | 0.00  |
| 28) 2,4-Dichlorophenol-d3     | 10.369 | 165 | 472567  | 35.898 ng/ul | 0.00  |
| 31) 4-Chloroaniline-d4        | 10.881 | 131 | 550931  | 30.948 ng/ul | 0.00  |
| 46) Dimethylphthalate-d6      | 13.992 | 166 | 1302259 | 32.806 ng/ul | 0.00  |
| 49) Acenaphthylene-d8         | 14.275 | 160 | 1602018 | 32.113 ng/ul | 0.00  |
| 54) 4-Nitrophenol-d4          | 14.775 | 143 | 231161  | 36.292 ng/ul | 0.00  |
| 60) Fluorene-d10              | 15.574 | 176 | 1115866 | 33.590 ng/ul | 0.00  |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 200 | 137223  | 27.801 ng/ul | 0.00  |
| 73) Anthracene-d10            | 17.433 | 188 | 1706081 | 32.613 ng/ul | 0.00  |
| 81) Pyrene-d10                | 19.668 | 212 | 2097851 | 33.482 ng/ul | 0.00  |
| 92) Benzo(a)pyrene-d12        | 23.709 | 264 | 2166164 | 32.890 ng/ul | 0.00  |

|                               |        |     |         |              |     |
|-------------------------------|--------|-----|---------|--------------|-----|
| Target Compounds              |        |     |         | Qvalue       |     |
| 2) 1,4-Dioxane                | 3.410  | 88  | 61859   | 9.795 ng/ul  | 93  |
| 5) Pyridine                   | 3.804  | 79  | 437897  | 28.489 ng/ul | 97  |
| 6) Benzaldehyde               | 7.075  | 77  | 342028  | 33.993 ng/ul | 99  |
| 8) Phenol                     | 7.134  | 94  | 576827  | 31.505 ng/ul | 98  |
| 10) Bis(2-Chloroethyl)ether   | 7.363  | 93  | 445607  | 30.157 ng/ul | 99  |
| 12) 2-Chlorophenol            | 7.510  | 128 | 462656  | 31.989 ng/ul | 96  |
| 13) 2-Methylphenol            | 8.387  | 108 | 428169  | 31.046 ng/ul | 98  |
| 14) 2,2'-oxybis(1-Chloropr... | 8.475  | 45  | 508129  | 26.985 ng/ul | 98  |
| 16) Acetophenone              | 8.763  | 105 | 644286  | 30.534 ng/ul | 98  |
| 17) N-Nitroso-di-n-propyla... | 8.757  | 70  | 309705  | 28.370 ng/ul | 94  |
| 18) 4-Methylphenol            | 8.722  | 108 | 460928  | 31.378 ng/ul | 96  |
| 19) Hexachloroethane          | 9.028  | 117 | 178735  | 29.517 ng/ul | 92  |
| 22) Nitrobenzene              | 9.145  | 77  | 487551  | 32.863 ng/ul | 95  |
| 23) Isophorone                | 9.675  | 82  | 910322  | 29.310 ng/ul | 97  |
| 25) 2-Nitrophenol             | 9.857  | 139 | 251626  | 40.220 ng/ul | 96  |
| 26) 2,4-Dimethylphenol        | 9.922  | 107 | 484441  | 30.328 ng/ul | 99  |
| 27) Bis(2-Chloroethoxy)met... | 10.157 | 93  | 576708  | 29.967 ng/ul | 99  |
| 29) 2,4-Dichlorophenol        | 10.398 | 162 | 449443  | 34.735 ng/ul | 98  |
| 30) Naphthalene               | 10.798 | 128 | 1358278 | 30.588 ng/ul | 100 |
| 32) 4-Chloroaniline           | 10.904 | 127 | 556848  | 30.913 ng/ul | 98  |
| 33) Hexachlorobutadiene       | 11.098 | 225 | 312147  | 34.361 ng/ul | 98  |
| 34) Caprolactam               | 11.681 | 113 | 138633m | 40.845 ng/ul | 98  |
| 35) 4-Chloro-3-methylphenol   | 12.033 | 107 | 475356  | 33.819 ng/ul | 98  |

10/24/2021

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102121\  
 Data File : BP007621.D  
 Acq On : 23 Oct 2021 09:54  
 Operator : CG/JU  
 Sample : PB140107BS  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS107

Manual Integrations  
 APPROVED

mohammad  
 10/25/2021 1:45:44 PM

Quant Time: Oct 25 01:01:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 20 10:49:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.410 | 142  | 946556   | 31.189 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.628 | 142  | 938758   | 30.556 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.775 | 216  | 559152   | 33.714 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.763 | 237  | 194013   | 18.552 | ng/ul  | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.016 | 196  | 370174   | 37.957 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.086 | 196  | 405554   | 39.943 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.416 | 154  | 1260461  | 30.821 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.457 | 162  | 987017   | 31.335 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.657 | 65   | 279101   | 38.111 | ng/ul  | 92       |
| 47) Dimethylphthalate         | 14.039 | 163  | 1241487  | 31.487 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.151 | 165  | 262623   | 40.166 | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.304 | 152  | 1556879  | 30.953 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.480 | 138  | 268543   | 36.860 | ng/ul# | 94       |
| 52) Acenaphthene              | 14.645 | 153  | 1011631  | 31.060 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.686 | 184  | 66953    | 22.167 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.792 | 109  | 197809   | 34.375 | ng/ul  | 93       |
| 56) Dibenzofuran              | 14.980 | 168  | 1489207  | 31.489 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.939 | 165  | 367825   | 40.052 | ng/ul  | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.210 | 232  | 333149   | 39.541 | ng/ul  | 93       |
| 59) Diethylphthalate          | 15.410 | 149  | 1220923  | 31.056 | ng/ul  | 98       |
| 61) Fluorene                  | 15.633 | 166  | 1137806  | 31.754 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.627 | 204  | 604646   | 33.141 | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.645 | 138  | 262669   | 40.669 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.704 | 198  | 132925   | 26.034 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.839 | 169  | 1033453  | 31.162 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.521 | 248  | 392206   | 35.345 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.639 | 284  | 452263   | 33.883 | ng/ul  | 99       |
| 70) Atrazine                  | 16.798 | 200  | 394991   | 31.461 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.986 | 266  | 274559   | 37.159 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.380 | 178  | 1930059  | 31.342 | ng/ul  | 100      |
| 74) Anthracene                | 17.468 | 178  | 1893494  | 30.743 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.380 | 216  | 564025   | 31.569 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.904 | 250  | 533913   | 32.058 | ng/ul  | 100      |
| 77) Carbazole                 | 17.739 | 167  | 1764445  | 32.614 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.298 | 149  | 2117191  | 31.855 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 2410058  | 31.000 | ng/ul  | 97       |
| 82) Pyrene                    | 19.698 | 202  | 2412588  | 30.774 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.568 | 149  | 1000614  | 34.764 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 721340   | 30.250 | ng/ul# | 98       |
| 85) Benzo(a)anthracene        | 21.404 | 228  | 2470168  | 32.077 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 1414955  | 32.155 | ng/ul  | 99       |
| 87) Chrysene                  | 21.462 | 228  | 2357175  | 31.598 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.280 | 149  | 2561421  | 34.295 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.121 | 252  | 2623955  | 32.571 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.168 | 252  | 2460842  | 32.760 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.762 | 252  | 2540406  | 32.966 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.427 | 276  | 3014564  | 33.768 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.444 | 278  | 2567556  | 33.776 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.215 | 276  | 2592718  | 33.722 | ng/ul  | 96       |

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