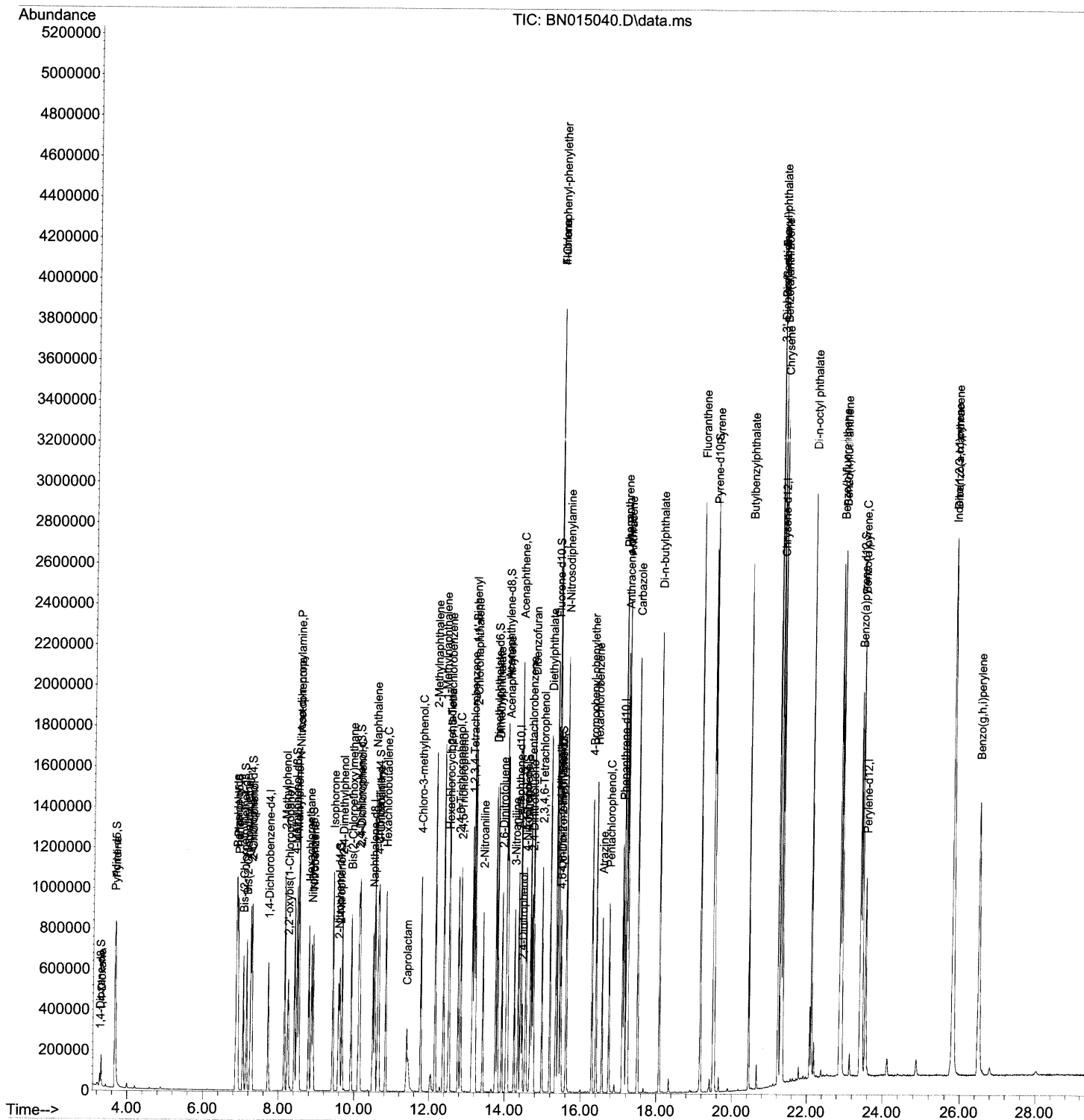


(QT Reviewed)

Quant Time: Jun 24 15:31:45 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 24 14:43:13 2021  
Response via : Initial Calibration

## Manual Integrations

mohammad  
6/25/2021 1:12:04 PM



# Quantitation Report (Qedit)

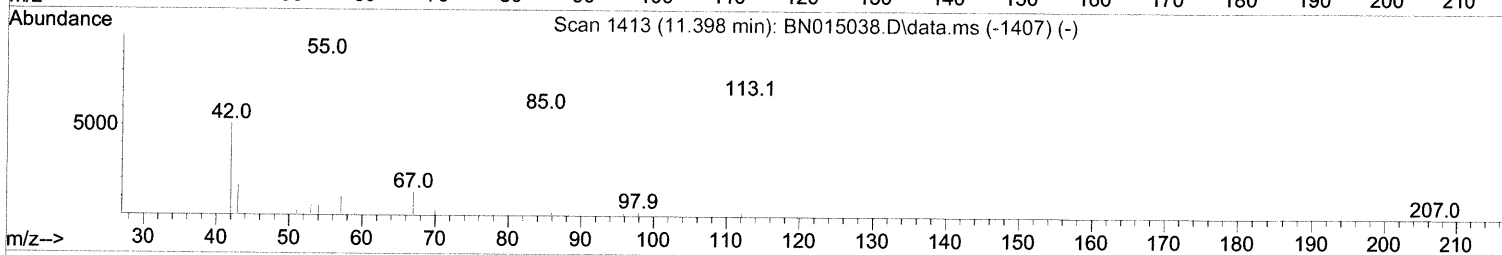
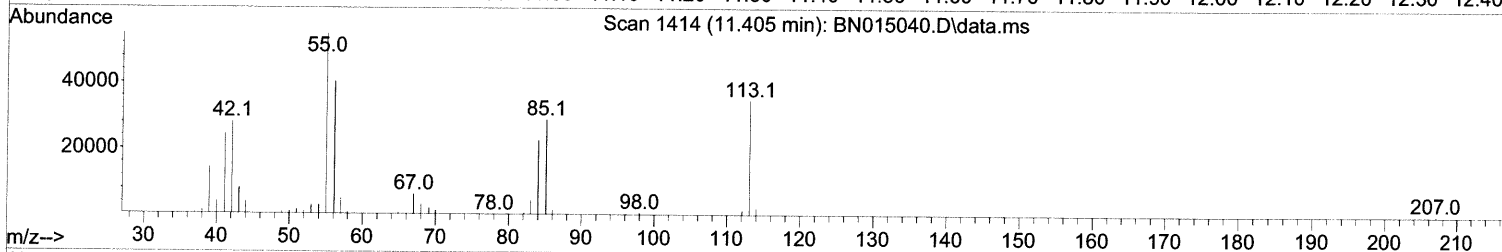
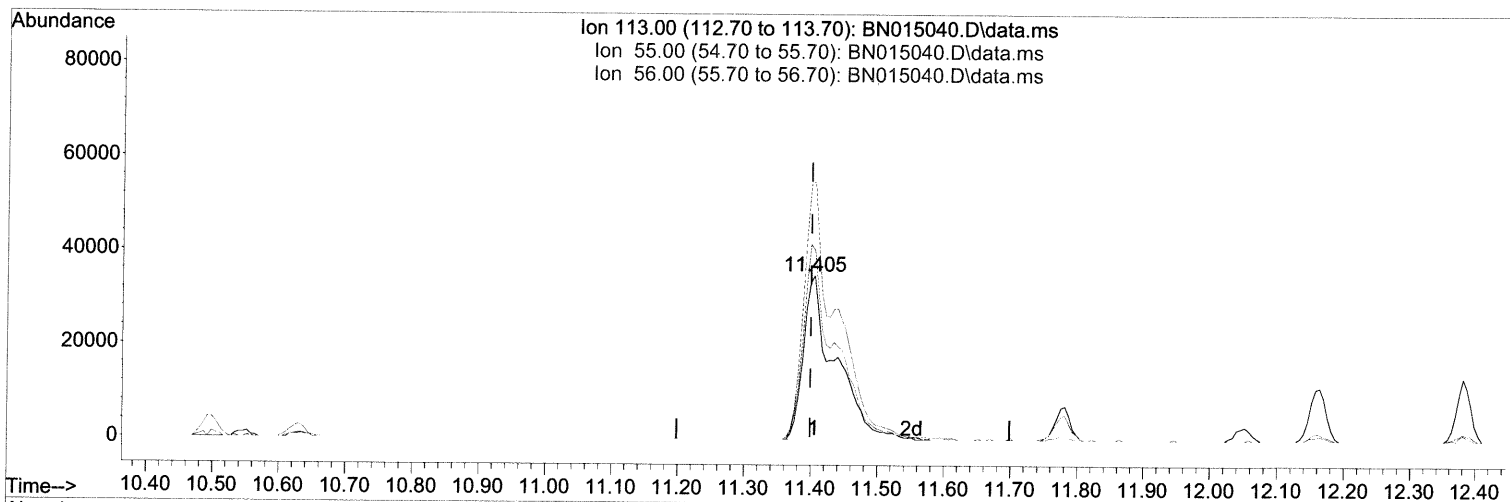
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015040.D  
 Acq On : 24 Jun 2021 14:55  
 Operator : CG/JU  
 Sample : PB137214BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS214

Manual Integrations  
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mohammad  
 6/25/2021 1:12:04 PM

Quant Time: Jun 24 15:31:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration



TIC: BN015040.D\data.ms

## (34) Caprolactam

11.405min (+ 0.006) 21.34 ng/u1

response 67145

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 159.50 | 157.28 |
| 56.00  | 117.70 | 115.65 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

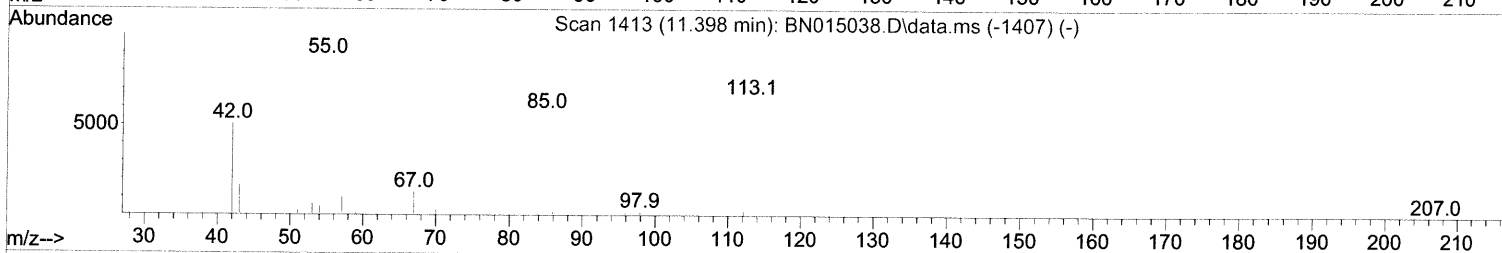
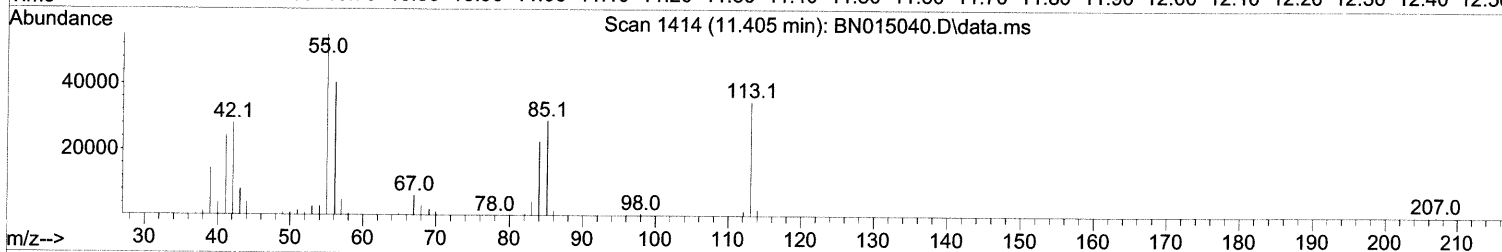
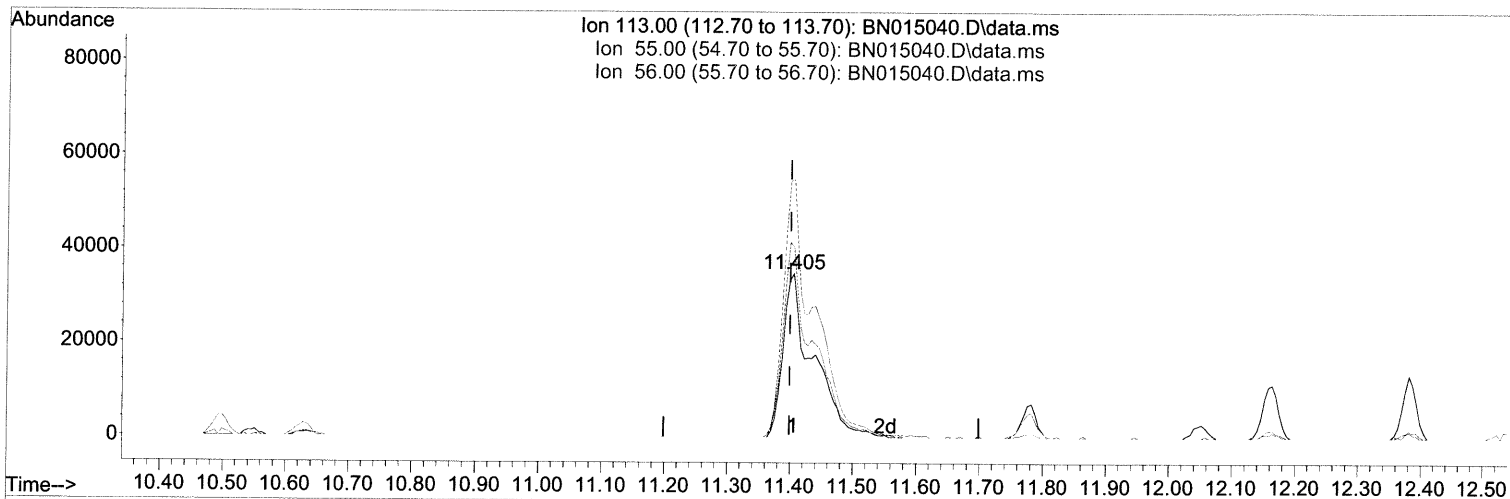
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015040.D  
 Acq On : 24 Jun 2021 14:55  
 Operator : CG/JU  
 Sample : PB137214BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS214

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:04 PM

Quant Time: Jun 24 15:31:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration



TIC: BN015040.D\data.ms

## (34) Caprolactam

11.405min (+ 0.006) 36.72 ng/ul m 06/29/21JU

response 115526

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 159.50 | 157.28 |
| 56.00  | 117.70 | 115.65 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015040.D  
 Acq On : 24 Jun 2021 14:55  
 Operator : CG/JU  
 Sample : PB137214BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS214

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:04 PM

Quant Time: Jun 24 15:31:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc Units   | Dev(Min) |
|-------------------------------|--------|------|----------|--------------|----------|
| -----                         |        |      |          |              |          |
| Internal Standards            |        |      |          |              |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.722  | 152  | 167474   | 20.000 ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.499 | 136  | 657568   | 20.000 ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.351 | 164  | 364633   | 20.000 ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 720569   | 20.000 ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.298 | 240  | 669270   | 20.000 ng/ul | 0.00     |
| 88) Perylene-d12              | 23.551 | 264  | 643400   | 20.000 ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |              |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 29404    | 6.832 ng/ul  | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 342623   | 29.527 ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.887  | 99   | 508330   | 34.971 ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.058  | 67   | 295920   | 34.665 ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.258  | 132  | 398501   | 36.156 ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 375849   | 33.503 ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 180839   | 40.203 ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.581  | 143  | 177442   | 44.285 ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 353131   | 37.340 ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.628 | 131  | 451577   | 30.811 ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.763 | 166  | 990162   | 39.545 ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.046 | 160  | 1279010  | 39.350 ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.546 | 143  | 182077   | 41.691 ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.351 | 176  | 839613   | 38.545 ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200  | 125900   | 42.305 ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.198 | 188  | 1200384  | 36.397 ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.498 | 212  | 1345004  | 38.341 ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.410 | 264  | 1338292  | 42.134 ng/ul | 0.00     |
| Target Compounds              |        |      |          |              |          |
|                               |        |      |          | Qvalue       |          |
| 2) 1,4-Dioxane                | 3.311  | 88   | 72541    | 16.354 ng/ul | 93       |
| 5) Pyridine                   | 3.687  | 79   | 380498   | 31.518 ng/ul | 98       |
| 6) Benzaldehyde               | 6.869  | 77   | 289480   | 42.821 ng/ul | 96       |
| 8) Phenol                     | 6.917  | 94   | 516132   | 35.025 ng/ul | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.152  | 93   | 405225   | 34.810 ng/ul | 99       |
| 12) 2-Chlorophenol            | 7.287  | 128  | 401943   | 36.041 ng/ul | 97       |
| 13) 2-Methylphenol            | 8.158  | 108  | 366898   | 33.346 ng/ul | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.246  | 45   | 517274   | 34.112 ng/ul | 98       |
| 16) Acetophenone              | 8.534  | 105  | 591683   | 34.818 ng/ul | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.522  | 70   | 280780   | 33.731 ng/ul | 99       |
| 18) 4-Methylphenol            | 8.481  | 108  | 401000   | 33.982 ng/ul | 100      |
| 19) Hexachloroethane          | 8.793  | 117  | 159113   | 34.905 ng/ul | 96       |
| 22) Nitrobenzene              | 8.911  | 77   | 429053   | 39.069 ng/ul | 98       |
| 23) Isophorone                | 9.428  | 82   | 781197   | 36.172 ng/ul | 100      |
| 25) 2-Nitrophenol             | 9.616  | 139  | 195444   | 44.003 ng/ul | 96       |
| 26) 2,4-Dimethylphenol        | 9.675  | 107  | 317739   | 27.593 ng/ul | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.916  | 93   | 509027   | 36.941 ng/ul | 98       |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 347981   | 37.777 ng/ul | 100      |
| 30) Naphthalene               | 10.546 | 128  | 1207989  | 36.001 ng/ul | 100      |
| 32) 4-Chloroaniline           | 10.652 | 127  | 450928   | 31.303 ng/ul | 100      |
| 33) Hexachlorobutadiene       | 10.840 | 225  | 209337   | 36.610 ng/ul | 96       |
| 34) Caprolactam               | 11.405 | 113  | 115526m  | 36.723 ng/ul | 100      |
| 35) 4-Chloro-3-methylphenol   | 11.781 | 107  | 385465   | 38.243 ng/ul | 100      |
| 36) 2-Methylnaphthalene       | 12.163 | 142  | 835132   | 35.951 ng/ul | 97       |

06/29/2021

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015040.D  
 Acq On : 24 Jun 2021 14:55  
 Operator : CG/JU  
 Sample : PB137214BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS214

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:04 PM

Quant Time: Jun 24 15:31:45 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.381 | 142  | 809272   | 34.768 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.534 | 216  | 401382   | 39.435 | ng/ul  | 100      |
| 40) Hexachlorocyclopentadiene | 12.516 | 237  | 180373   | 32.472 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.775 | 196  | 244990   | 41.167 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.846 | 196  | 271645   | 41.084 | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.181 | 154  | 1046044  | 39.754 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.222 | 162  | 819447   | 39.981 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.422 | 65   | 227341   | 47.677 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 13.810 | 163  | 986653   | 40.713 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.928 | 165  | 196042   | 48.081 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.075 | 152  | 1177472  | 38.391 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.251 | 138  | 213039   | 46.211 | ng/ul# | 93       |
| 52) Acenaphthene              | 14.416 | 153  | 848684   | 39.333 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.457 | 184  | 84634    | 45.203 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.557 | 109  | 137912   | 43.303 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.751 | 168  | 1192781  | 39.357 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 281683   | 49.541 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 209103   | 43.144 | ng/ul  | 100      |
| 59) Diethylphthalate          | 15.187 | 149  | 967878   | 40.008 | ng/ul  | 100      |
| 61) Fluorene                  | 15.404 | 166  | 943037   | 39.308 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 437390   | 38.369 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.422 | 138  | 215611   | 50.260 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 133566   | 44.409 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.616 | 169  | 815215   | 39.004 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.298 | 248  | 268348   | 38.687 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.410 | 284  | 314391   | 40.445 | ng/ul  | 98       |
| 70) Atrazine                  | 16.569 | 200  | 149255   | 20.523 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.751 | 266  | 154250   | 37.930 | ng/ul  | 91       |
| 72) Phenanthrene              | 17.139 | 178  | 1513398  | 39.793 | ng/ul  | 99       |
| 74) Anthracene                | 17.234 | 178  | 1464907  | 37.520 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.140 | 216  | 404045   | 39.595 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.675 | 250  | 373199   | 38.196 | ng/uL  | 97       |
| 77) Carbazole                 | 17.504 | 167  | 1377279  | 39.138 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.081 | 149  | 1616487  | 40.353 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.163 | 202  | 1675991  | 39.579 | ng/ul  | 97       |
| 82) Pyrene                    | 19.528 | 202  | 1749300  | 39.634 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.445 | 149  | 704883   | 44.806 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.222 | 252  | 498193   | 36.147 | ng/ul  | 93       |
| 85) Benzo(a)anthracene        | 21.286 | 228  | 1633558  | 39.462 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 1042711  | 41.386 | ng/ul  | 98       |
| 87) Chrysene                  | 21.339 | 228  | 1573205  | 38.593 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.116 | 149  | 1795209  | 44.616 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.874 | 252  | 1711732  | 44.180 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.922 | 252  | 1661323  | 42.367 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.457 | 252  | 1487912  | 42.251 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.816 | 276  | 1900567  | 44.484 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.827 | 278  | 1569346  | 44.317 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.510 | 276  | 1621020  | 43.892 | ng/ul  | 99       |

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