



# Quantitation Report (Qedit)

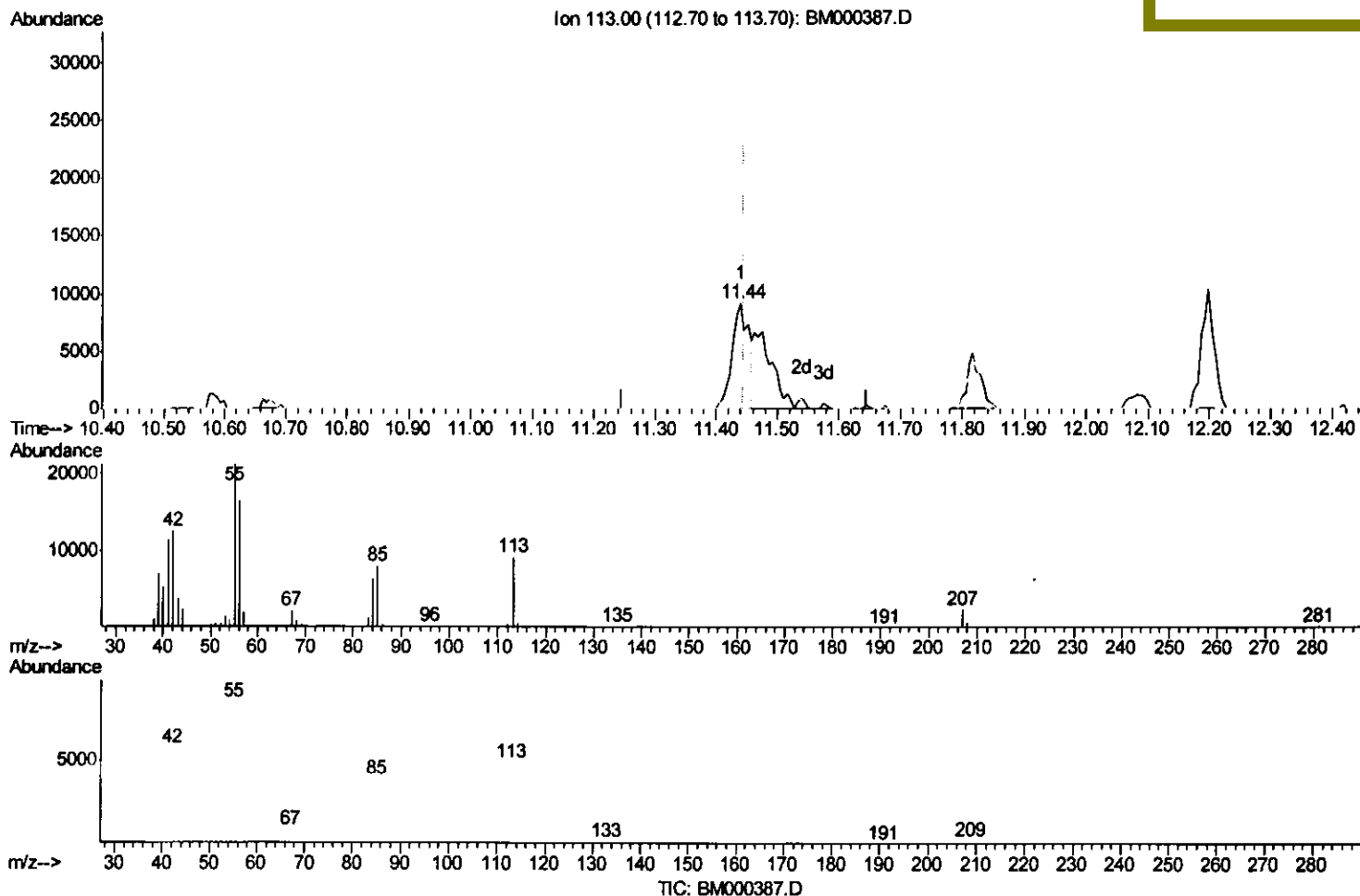
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012815\  
 Data File : BM000387.D  
 Acq On : 29 Jan 2015 12:28  
 Operator : TP/IZ  
 Sample : SSTD02056  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02056

Quant Time: Jan 29 16:19:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM012815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 29 15:49:59 2015  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

apatel  
 2/5/2015 12:08:08 PM



(32) Caprolactam

11.439min (-0.006) 11.22ng/ul

response 17593

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100    | 100     |
| 55.00  | 191.60 | 230.96# |
| 56.00  | 164.50 | 179.17  |
| 0.00   | 0.00   | 0.00    |

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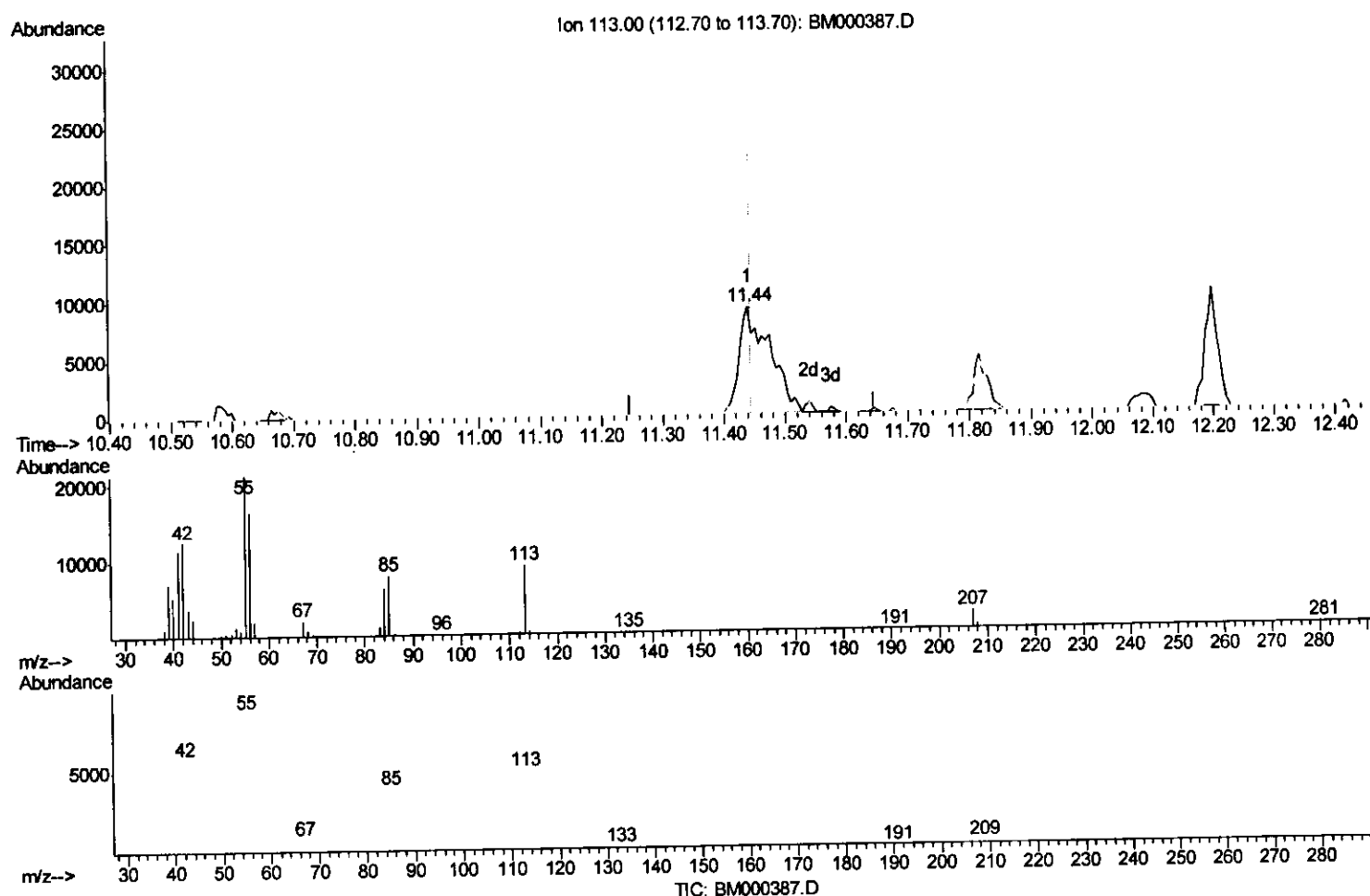
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(32) Caprolactam

11.439min (-0.006) 20.21ng/ul m

response 31691

Ion Exp% Act%

113.00 100 100

55.00 191.60 230.96#

56.00 164.50 179.17

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012815\  
 Data File : BM000387.D  
 Acq On : 29 Jan 2015 12:28  
 Operator : TP/IZ  
 Sample : SST02056  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SST02056

Quant Time: Jan 29 16:20:36 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM012815.M  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 141304   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 538960   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 371679   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.13 | 188  | 802221   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.32 | 240  | 858474   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.56 | 264  | 780315   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 17588  | 8.01  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 184387 | 21.20 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 121730 | 20.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 159833 | 21.48 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 146047 | 21.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 66518  | 21.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 69569  | 23.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 163796 | 22.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 203354 | 22.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 525495 | 21.30 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 648002 | 20.39 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.58 | 143 | 70436  | 20.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.38 | 176 | 481659 | 20.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 70467  | 21.26 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.23 | 188 | 732966 | 19.97 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.53 | 212 | 821945 | 20.73 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.42 | 264 | 718083 | 20.14 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 22669  | 7.63 ng/uL# | 1      |
| 4) Benzaldehyde                | 6.89  | 77  | 133032 | 21.80 ng/ul | 99     |
| 6) Phenol                      | 6.93  | 94  | 190627 | 20.91 ng/ul | 96     |
| 8) Bis(2-Chloroethyl)ether     | 7.17  | 93  | 150659 | 19.73 ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.30  | 128 | 157204 | 20.22 ng/ul | 97     |
| 11) 2-Methylphenol             | 8.18  | 108 | 149021 | 21.10 ng/ul | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.28  | 45  | 313993 | 21.11 ng/ul | 97     |
| 14) Acetophenone               | 8.56  | 105 | 263041 | 20.17 ng/ul | 96     |
| 15) N-Nitroso-di-n-propylamine | 8.55  | 70  | 121448 | 21.44 ng/ul | 98     |
| 16) 4-Methylphenol             | 8.51  | 108 | 155820 | 20.72 ng/ul | 95     |
| 17) Hexachloroethane           | 8.82  | 117 | 78417  | 20.77 ng/ul | 97     |
| 20) Nitrobenzene               | 8.94  | 77  | 207331 | 21.79 ng/ul | 97     |
| 21) Isophorone                 | 9.46  | 82  | 342561 | 21.83 ng/ul | 98     |
| 23) 2-Nitrophenol              | 9.65  | 139 | 76775  | 23.44 ng/ul | 92     |
| 24) 2,4-Dimethylphenol         | 9.71  | 107 | 204536 | 21.19 ng/ul | 97     |
| 25) Bis(2-Chloroethoxy)methane | 9.95  | 93  | 189429 | 20.86 ng/ul | 92     |
| 27) 2,4-Dichlorophenol         | 10.18 | 162 | 162994 | 21.57 ng/ul | 98     |
| 28) Naphthalene                | 10.58 | 128 | 539965 | 19.97 ng/ul | 98     |
| 30) 4-Chloroaniline            | 10.69 | 127 | 203445 | 21.47 ng/ul | 97     |
| 31) Hexachlorobutadiene        | 10.86 | 225 | 143411 | 20.48 ng/ul | 99     |
| 32) Caprolactam                | 11.44 | 113 | 31691m | 20.21 ng/ul |        |
| 33) 4-Chloro-3-methylphenol    | 11.82 | 107 | 179135 | 21.99 ng/ul | 93     |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 400236 | 20.62 ng/ul | 98     |

T.P.  
 2/5/15

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|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 235361   | 19.76 | ng/ul  | 97       |
| 37) Hexachlorocyclopentadiene  | 12.55 | 237  | 136682   | 21.62 | ng/ul  | 93       |
| 38) 2,4,6-Trichlorophenol      | 12.81 | 196  | 125598   | 20.76 | ng/ul  | 94       |
| 39) 2,4,5-Trichlorophenol      | 12.88 | 196  | 143026   | 20.97 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.22 | 154  | 545715   | 19.56 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.26 | 162  | 427652   | 19.55 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.47 | 65   | 111756   | 22.05 | ng/ul  | 95       |
| 44) Dimethylphthalate          | 13.85 | 163  | 529852   | 20.82 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.97 | 165  | 88192    | 21.94 | ng/ul  | 96       |
| 47) Acenaphthylene             | 14.11 | 152  | 680569   | 20.13 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.29 | 138  | 89037    | 21.64 | ng/ul  | 99       |
| 49) Acenaphthene               | 14.45 | 153  | 433145   | 19.56 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.50 | 184  | 37237    | 20.24 | ng/ul# | 81       |
| 52) 4-Nitrophenol              | 14.60 | 109  | 120956   | 21.67 | ng/ul  | 95       |
| 53) Dibenzofuran               | 14.79 | 168  | 649528   | 19.82 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 14.75 | 165  | 133145   | 21.85 | ng/ul  | 90       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 116518   | 21.68 | ng/ul  | 99       |
| 56) Diethylphthalate           | 15.21 | 149  | 549899   | 22.31 | ng/ul  | 97       |
| 58) Fluorene                   | 15.43 | 166  | 527161   | 19.96 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.43 | 204  | 280063   | 19.89 | ng/ul  | 99       |
| 60) 4-Nitroaniline             | 15.46 | 138  | 96464    | 21.03 | ng/ul  | 84       |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 73203    | 21.34 | ng/ul# | 98       |
| 64) N-Nitrosodiphenylamine     | 15.64 | 169  | 439986   | 20.07 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.33 | 248  | 164483   | 19.42 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.44 | 284  | 190274   | 19.36 | ng/ul  | 99       |
| 67) Atrazine                   | 16.60 | 200  | 172258   | 22.53 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 16.78 | 266  | 90177    | 20.05 | ng/ul  | 93       |
| 69) Phenanthrene               | 17.17 | 178  | 859396   | 19.67 | ng/ul  | 98       |
| 71) Anthracene                 | 17.26 | 178  | 870266   | 19.88 | ng/ul  | 97       |
| 72) Carbazole                  | 17.53 | 167  | 753452   | 20.53 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.10 | 149  | 812937   | 24.16 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.19 | 202  | 1016466  | 20.17 | ng/ul  | 99       |
| 77) Pyrene                     | 19.56 | 202  | 1079453  | 20.57 | ng/ul  | 98       |
| 78) Butylbenzylphthalate       | 20.46 | 149  | 333984   | 29.67 | ng/ul  | 99       |
| 79) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 297119   | 23.20 | ng/ul  | 96       |
| 80) Benzo(a)anthracene         | 21.30 | 228  | 1004375  | 20.27 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 489513   | 29.32 | ng/ul  | 99       |
| 82) Chrysene                   | 21.36 | 228  | 946892   | 19.77 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.11 | 149  | 831364   | 27.78 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.89 | 252  | 954116   | 19.67 | ng/ul  | 100      |
| 86) Benzo(k)fluoranthene       | 22.93 | 252  | 937825   | 20.57 | ng/ul  | 98       |
| 88) Benzo(a)pyrene             | 23.47 | 252  | 899634   | 19.84 | ng/ul  | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.83 | 276  | 998836   | 19.55 | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.84 | 278  | 827510   | 19.57 | ng/ul  | 99       |
| 91) Benzo(g,h,i)perylene       | 26.53 | 276  | 833170   | 19.47 | ng/ul  | 98       |

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