

# Quantitation Report (Qedit)

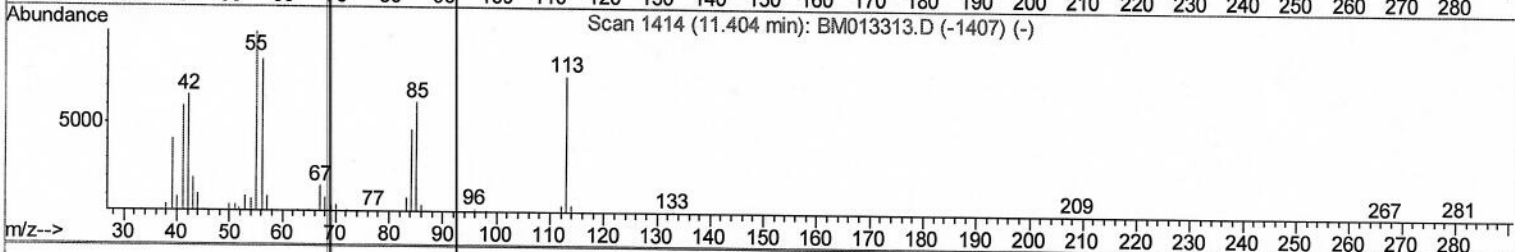
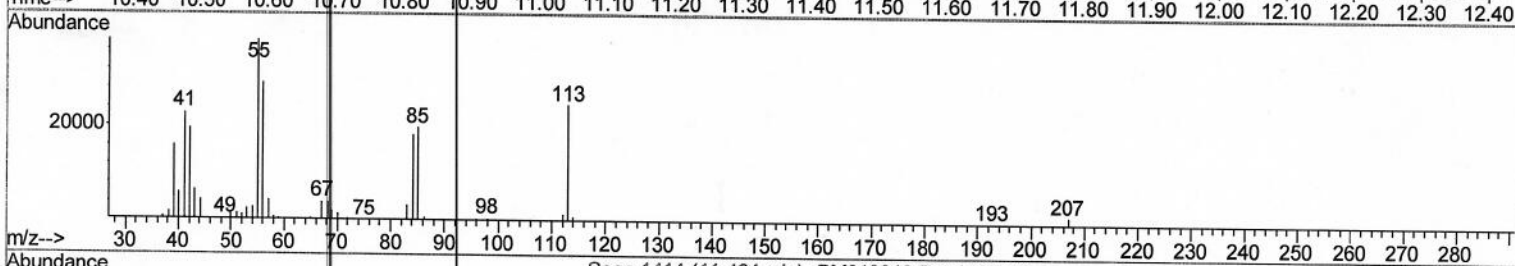
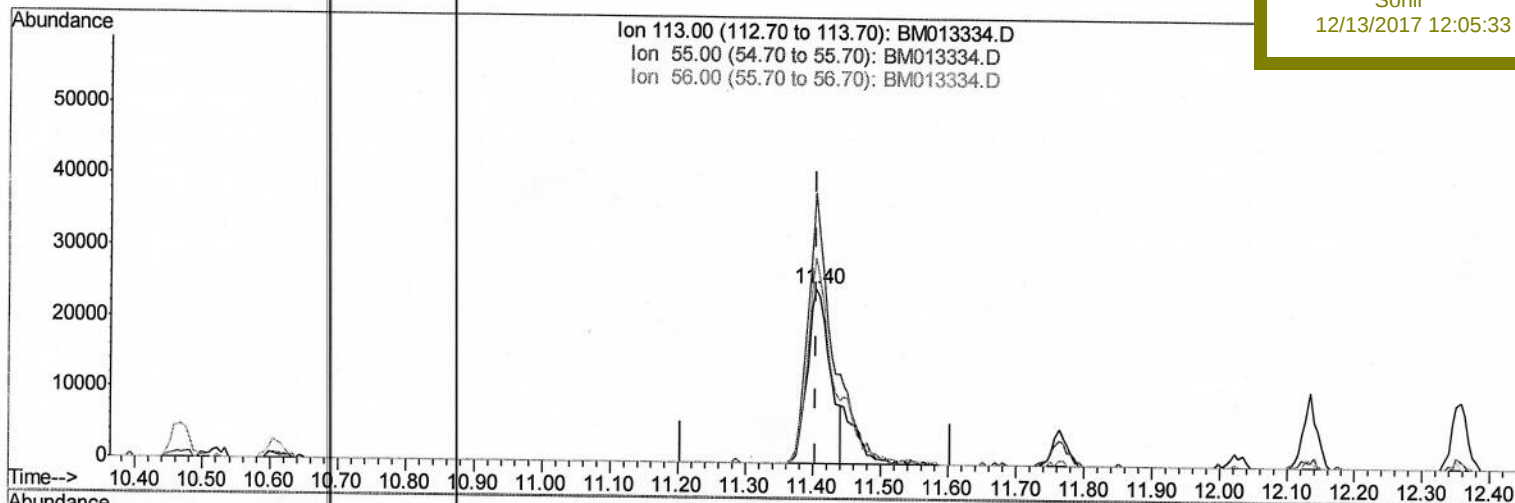
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\  
 Data File : BM013334.D  
 Acq On : 12 Dec 2017 11:34  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 14:15:00 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 12 11:20:58 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02099

Manual Integrations  
 APPROVED

Sohil  
 12/13/2017 12:05:33 PM



TIC: BM013334.D

(32) Caprolactam

11.404min (-0.000) 15.96ng/ul

response 56977

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100    | 100     |
| 55.00  | 260.00 | 154.75# |
| 56.00  | 200.00 | 117.61# |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

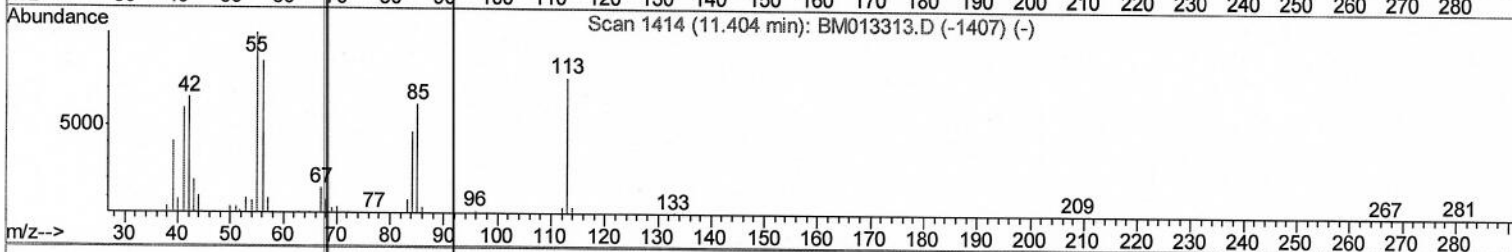
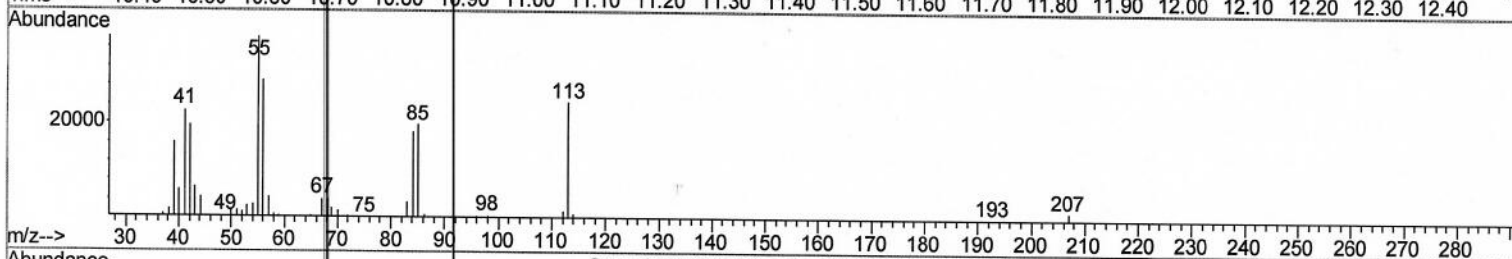
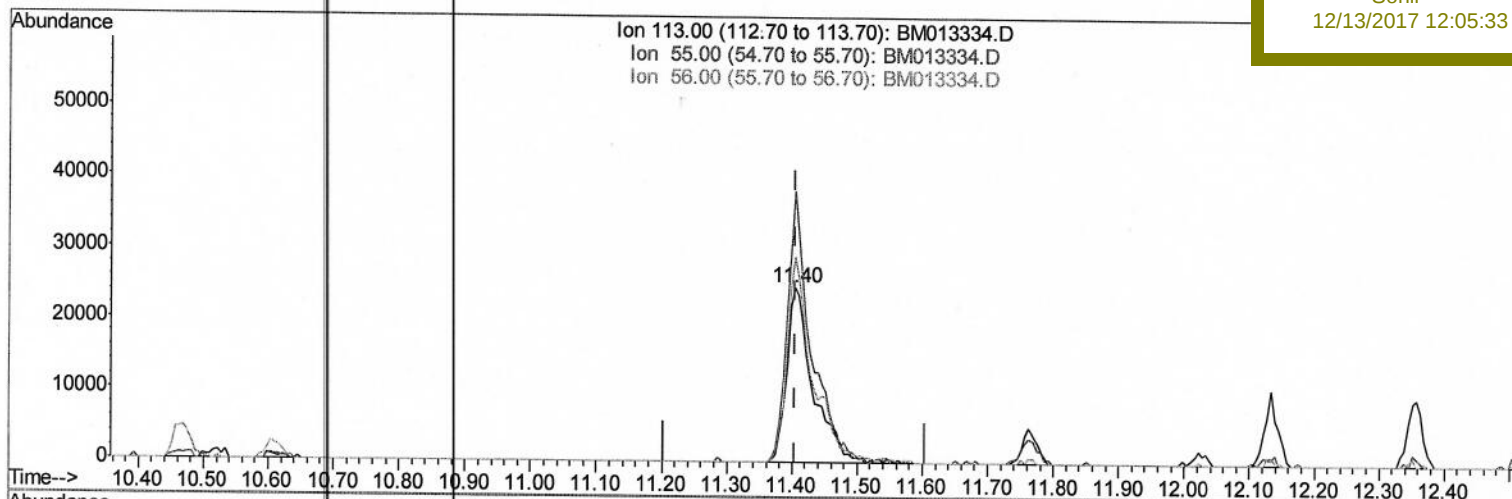
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**Instrument :**  
 BNA\_M  
**LabSampleId :**  
 SST02099

**Manual Integrations**  
**APPROVED**

Sohil  
 12/13/2017 12:05:33 PM



TIC: BM013334.D

(32) Caprolactam

11.404min (-0.000) 19.55ng/ul m

response 69759

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100    | 100     |
| 55.00  | 260.00 | 154.75# |
| 56.00  | 200.00 | 117.61# |
| 0.00   | 0.00   | 0.00    |

JU 12/13/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\  
 Data File : BM013334.D  
 Acq On : 12 Dec 2017 11:34  
 Operator : SJ/JU  
 Sample : SSTDCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02099

Quant Time: Dec 12 14:16:34 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 12 11:20:58 2017  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 12/13/2017 12:05:33 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 154214   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 691201   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 439858   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 1094068  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 1169742  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.50 | 264  | 949168   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 24348   | 7.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 258483  | 19.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.03  | 67  | 147793  | 19.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 208242  | 19.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 214556  | 18.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.84  | 128 | 107070  | 19.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 118428  | 20.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 227380  | 18.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 267189  | 24.05 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 739345  | 18.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 936177  | 19.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 123214  | 18.12 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 651650  | 19.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 116367  | 16.91 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 1078857 | 19.69 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.47 | 212 | 1214454 | 20.84 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264 | 963876  | 19.94 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 27122  | 7.759  | ng/uL# 60 |
| 4) Benzaldehyde                | 6.84  | 77  | 136743 | 20.712 | ng/ul 91  |
| 6) Phenol                      | 6.89  | 94  | 252705 | 19.159 | ng/ul# 89 |
| 8) Bis(2-Chloroethyl) ether    | 7.12  | 93  | 197676 | 19.601 | ng/ul 96  |
| 10) 2-Chlorophenol             | 7.26  | 128 | 201272 | 19.687 | ng/ul 93  |
| 11) 2-Methylphenol             | 8.13  | 108 | 197357 | 19.346 | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 210350 | 19.865 | ng/ul# 78 |
| 14) Acetophenone               | 8.51  | 105 | 331646 | 19.132 | ng/ul 91  |
| 15) N-Nitroso-di-n-propylamine | 8.49  | 70  | 168084 | 19.250 | ng/ul# 68 |
| 16) 4-Methylphenol             | 8.46  | 108 | 208403 | 19.104 | ng/ul 91  |
| 17) Hexachloroethane           | 8.75  | 117 | 89276  | 20.057 | ng/ul# 72 |
| 20) Nitrobenzene               | 8.88  | 77  | 262959 | 19.044 | ng/ul 96  |
| 21) Isophorone                 | 9.40  | 82  | 457527 | 18.831 | ng/ul# 91 |
| 23) 2-Nitrophenol              | 9.59  | 139 | 117248 | 19.278 | ng/ul# 80 |
| 24) 2,4-Dimethylphenol         | 9.65  | 107 | 255253 | 19.243 | ng/ul 93  |
| 25) Bis(2-Chloroethoxy)methane | 9.89  | 93  | 271052 | 19.062 | ng/ul 95  |
| 27) 2,4-Dichlorophenol         | 10.12 | 162 | 220338 | 19.732 | ng/ul# 91 |
| 28) Naphthalene                | 10.52 | 128 | 687478 | 19.332 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.63 | 127 | 264959 | 24.631 | ng/ul 90  |
| 31) Hexachlorobutadiene        | 10.80 | 225 | 153515 | 18.979 | ng/ul 95  |
| 32) Caprolactam                | 11.40 | 113 | 69759m | 19.546 | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 244720 | 19.978 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 12.13 | 142 | 514768 | 19.256 | ng/ul 93  |

SJ 12/13/17

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 BNA\_M  
 LabSampleId :  
 SSTD02099

Manual Integrations  
 APPROVED

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 12/13/2017 12:05:33 PM

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216  | 306759   | 19.327 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.48 | 237  | 181345   | 17.359 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.76 | 196  | 198649   | 20.076 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.83 | 196  | 213848   | 20.346 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.16 | 154  | 706407   | 19.002 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.20 | 162  | 558825   | 19.161 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.41 | 65   | 170261   | 19.926 | ng/ul  | 91       |
| 44) Dimethylphthalate          | 13.79 | 163  | 717264   | 19.159 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 13.92 | 165  | 150383   | 19.696 | ng/ul  | 97       |
| 47) Acenaphthylene             | 14.05 | 152  | 874211   | 19.557 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.25 | 138  | 146751   | 21.503 | ng/ul# | 83       |
| 49) Acenaphthene               | 14.39 | 153  | 586628   | 19.265 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.45 | 184  | 64525    | 15.271 | ng/ul  | 91       |
| 52) 4-Nitrophenol              | 14.56 | 109  | 123225   | 18.470 | ng/ul  | 86       |
| 53) Dibenzofuran               | 14.73 | 168  | 860030   | 19.132 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 14.70 | 165  | 223490   | 20.122 | ng/ul  | 89       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 198745   | 20.623 | ng/ul  | 93       |
| 56) Diethylphthalate           | 15.16 | 149  | 727128   | 19.365 | ng/ul  | 95       |
| 58) Fluorene                   | 15.38 | 166  | 723954   | 19.468 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.38 | 204  | 384536   | 19.052 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.41 | 138  | 169548   | 21.056 | ng/ul  | 94       |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 118489   | 17.228 | ng/ul# | 93       |
| 64) N-Nitrosodiphenylamine     | 15.60 | 169  | 613704   | 19.042 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.27 | 248  | 251719   | 19.572 | ng/ul  | 98       |
| 66) Hexachlorobenzene          | 16.39 | 284  | 266247   | 18.772 | ng/ul# | 93       |
| 67) Atrazine                   | 16.55 | 200  | 238778   | 20.073 | ng/ul# | 88       |
| 68) Pentachlorophenol          | 16.73 | 266  | 153660   | 18.732 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.12 | 178  | 1199794  | 19.303 | ng/ul  | 99       |
| 71) Anthracene                 | 17.21 | 178  | 1213857  | 19.106 | ng/ul  | 99       |
| 72) Carbazole                  | 17.49 | 167  | 1055448  | 19.314 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.05 | 149  | 1279359  | 20.054 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.14 | 202  | 1459533  | 19.161 | ng/ul# | 91       |
| 77) Pyrene                     | 19.50 | 202  | 1501471  | 21.128 | ng/ul# | 92       |
| 78) Butylbenzylphthalate       | 20.42 | 149  | 603849   | 21.747 | ng/ul  | 92       |
| 79) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 443360   | 18.030 | ng/ul  | 95       |
| 80) Benzo(a)anthracene         | 21.25 | 228  | 1463312  | 19.717 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 878050   | 20.980 | ng/ul  | 98       |
| 82) Chrysene                   | 21.30 | 228  | 1336860  | 19.416 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.07 | 149  | 1406327  | 20.836 | ng/ul  | 99       |
| 85) Benzo(b)fluoranthene       | 22.83 | 252  | 1297213  | 20.274 | ng/ul# | 97       |
| 86) Benzo(k)fluoranthene       | 22.87 | 252  | 1185517  | 19.688 | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.40 | 252  | 1131530  | 19.686 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 1158446  | 20.313 | ng/ul# | 95       |
| 90) Dibenzo(a,h)anthracene     | 25.74 | 278  | 978998   | 20.160 | ng/ul# | 97       |
| 91) Benzo(g,h,i)perylene       | 26.41 | 276  | 927934   | 20.628 | ng/ul# | 95       |

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

