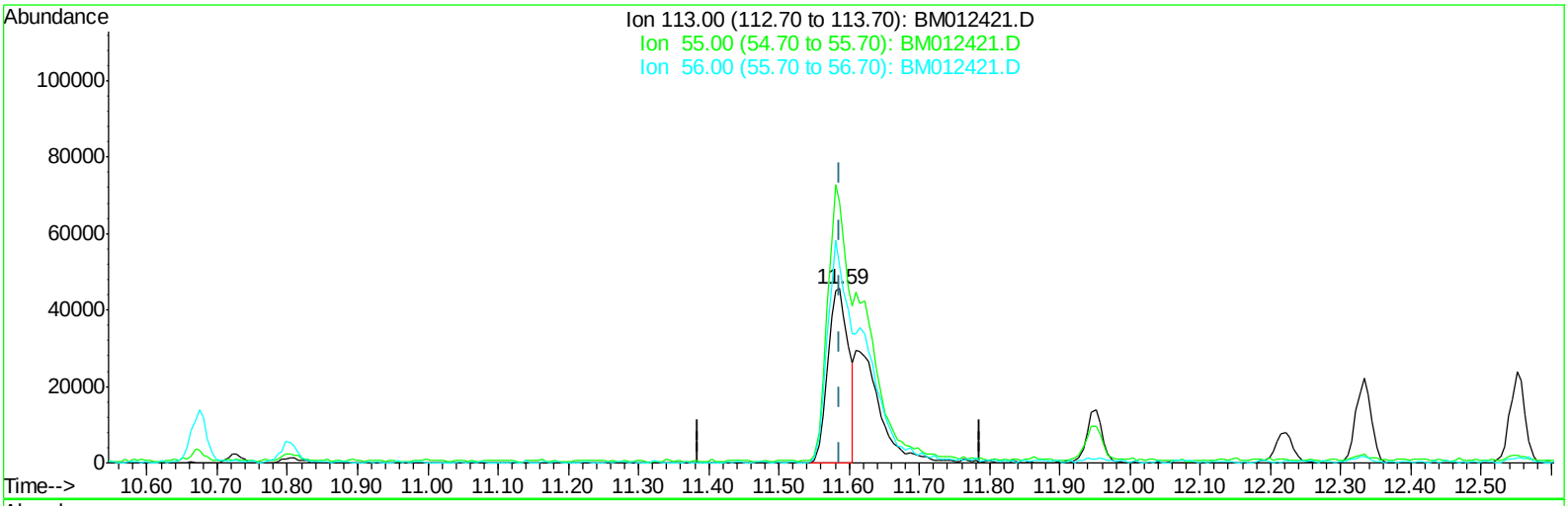
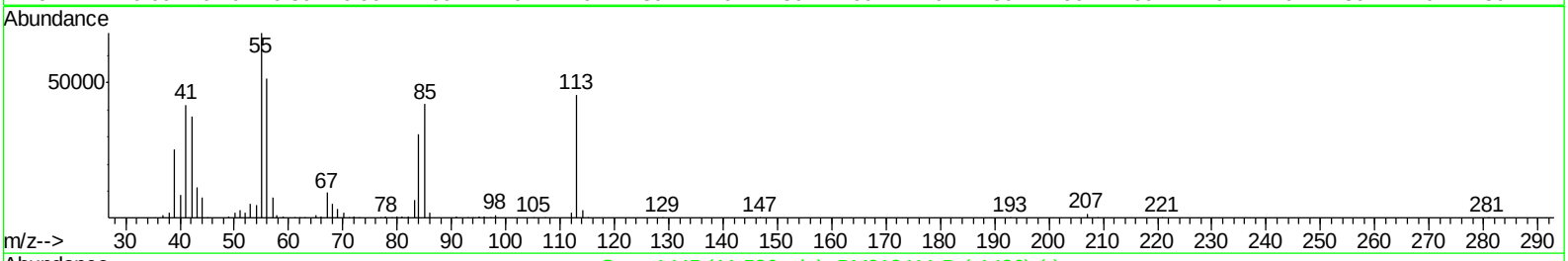
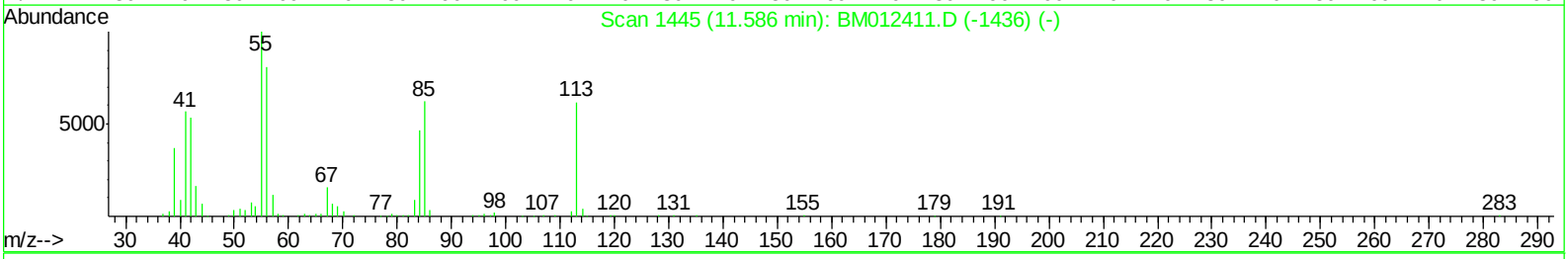
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012421.D
Acq On : 24 Oct 2017 17:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 25 00:05:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 14:58:27 2017
Response via : Initial Calibration




TIC: BM012421.D

(32) Caprolactam

11.586min (0.000) 10.82ng/ul

response 93666

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 260.00 | 149.99# |
| 56.00 | 200.00 | 113.60# |
| 0.00 | 0.00 | 0.00 |

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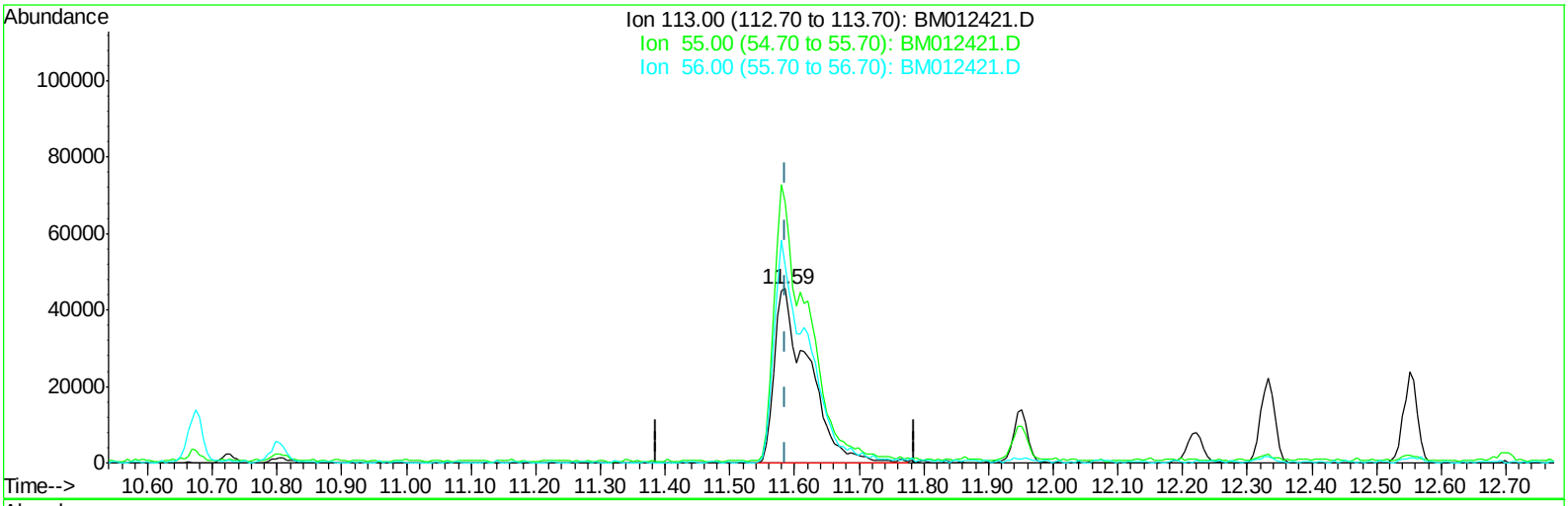


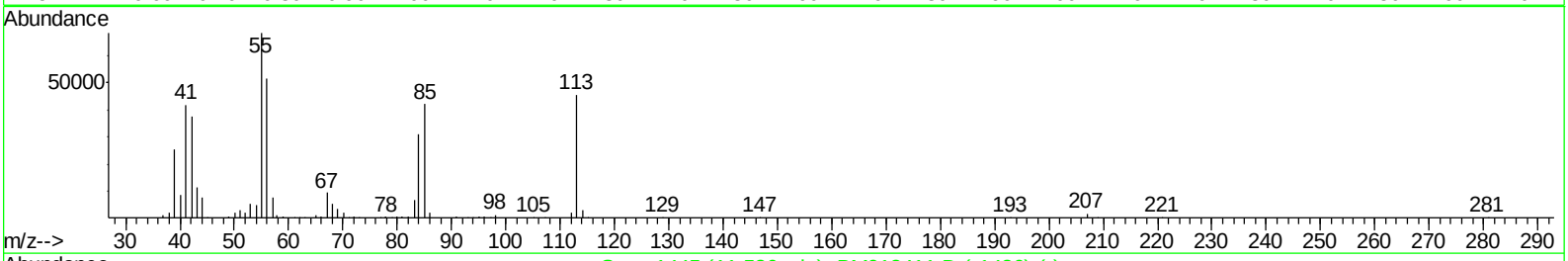


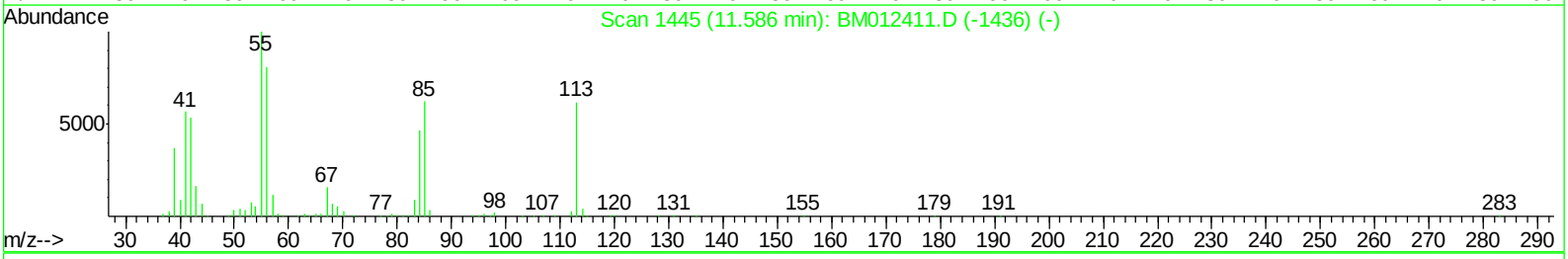


TIC: BM012421.D

(32) Caprolactam

11.586min (0.000) 19.54ng/ul m

response 169251

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 260.00 | 149.99# |
| 56.00 | 200.00 | 113.60# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012421.D
Acq On : 24 Oct 2017 17:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 25 00:48:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 14:58:27 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 357656 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.67 | 136 | 1603785 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.51 | 164 | 1114121 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.25 | 188 | 2841979 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.42 | 240 | 3408515 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.72 | 264 | 3457957 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.36 | 96 | 54581 | 7.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.04 | 99 | 562007 | 18.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.21 | 67 | 342283 | 19.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.42 | 132 | 423306 | 18.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.58 | 113 | 488600 | 19.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.03 | 128 | 197769 | 19.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.76 | 143 | 202086 | 19.53 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.29 | 165 | 517308 | 18.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.80 | 131 | 628225 | 21.74 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.92 | 166 | 1813675 | 18.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.20 | 160 | 2148141 | 18.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.70 | 143 | 276215 | 19.09 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.50 | 176 | 1537699 | 18.67 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 230751 | 16.78 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.34 | 188 | 2504668 | 18.49 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.63 | 212 | 2923666 | 18.70 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.57 | 264 | 3058574 | 18.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.40 | 88 | 57463 | 7.68 | ng/uL# | 70 |
| 4) Benzaldehyde | 7.02 | 77 | 396037 | 24.38 | ng/ul | 96 |
| 6) Phenol | 7.07 | 94 | 581477 | 18.69 | ng/ul | 90 |
| 8) Bis(2-Chloroethyl)ether | 7.30 | 93 | 440634 | 19.26 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.45 | 128 | 439905 | 19.21 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.32 | 108 | 445227 | 18.98 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.42 | 45 | 496048 | 19.73 | ng/ul# | 79 |
| 14) Acetophenone | 8.70 | 105 | 779141 | 19.42 | ng/ul | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.69 | 70 | 432820 | 19.77 | ng/ul# | 66 |
| 16) 4-Methylphenol | 8.65 | 108 | 489678 | 19.07 | ng/ul | 93 |
| 17) Hexachloroethane | 8.96 | 117 | 181714 | 18.72 | ng/ul | 86 |
| 20) Nitrobenzene | 9.07 | 77 | 582500 | 20.13 | ng/ul | 98 |
| 21) Isophorone | 9.60 | 82 | 1153693 | 18.84 | ng/ul | 95 |
| 23) 2-Nitrophenol | 9.79 | 139 | 228675 | 19.89 | ng/ul# | 84 |
| 24) 2,4-Dimethylphenol | 9.85 | 107 | 608074 | 18.80 | ng/ul | 90 |
| 25) Bis(2-Chloroethoxy)methane | 10.09 | 93 | 648940 | 18.86 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.32 | 162 | 506690 | 18.95 | ng/ul# | 87 |
| 28) Naphthalene | 10.72 | 128 | 1478569 | 18.59 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.83 | 127 | 621716 | 21.36 | ng/ul | 94 |
| 31) Hexachlorobutadiene | 11.02 | 225 | 377610 | 18.41 | ng/ul | 95 |
| 32) Caprolactam | 11.59 | 113 | 169251m | 19.54 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.95 | 107 | 575024 | 19.14 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.33 | 142 | 1213398 | 18.79 | ng/ul | 94 |

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 14:58:27 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 730877 | 18.52 ng/ul | 97 |
| 37) Hexachlorocyclopentadiene | 12.69 | 237 | 435966 | 17.11 ng/ul | 100 |
| 38) 2,4,6-Trichlorophenol | 12.94 | 196 | 455786 | 19.29 ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 13.01 | 196 | 490268 | 19.58 ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.34 | 154 | 1659245 | 18.67 ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.39 | 162 | 1298911 | 18.63 ng/ul | 98 |
| 42) 2-Nitroaniline | 13.58 | 65 | 345778 | 21.32 ng/ul | 97 |
| 44) Dimethylphthalate | 13.97 | 163 | 1787009 | 18.56 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.08 | 165 | 311563 | 20.36 ng/ul# | 96 |
| 47) Acenaphthylene | 14.23 | 152 | 2067791 | 18.82 ng/ul | 100 |
| 48) 3-Nitroaniline | 14.40 | 138 | 295704 | 20.63 ng/ul# | 98 |
| 49) Acenaphthene | 14.57 | 153 | 1400282 | 18.61 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.61 | 184 | 143898 | 16.76 ng/ul | 89 |
| 52) 4-Nitrophenol | 14.71 | 109 | 285573 | 19.45 ng/ul# | 83 |
| 53) Dibenzofuran | 14.91 | 168 | 2085696 | 18.73 ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.86 | 165 | 486633 | 21.24 ng/ul | 88 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.13 | 232 | 444723 | 19.19 ng/ul | 95 |
| 56) Diethylphthalate | 15.33 | 149 | 1835527 | 18.70 ng/ul | 94 |
| 58) Fluorene | 15.56 | 166 | 1746025 | 18.54 ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.55 | 204 | 943310 | 18.40 ng/ul | 96 |
| 60) 4-Nitroaniline | 15.57 | 138 | 352131 | 19.59 ng/ul | 94 |
| 63) 4,6-Dinitro-2-methylphenol | 15.63 | 198 | 257447 | 17.02 ng/ul# | 90 |
| 64) N-Nitrosodiphenylamine | 15.76 | 169 | 1536278 | 18.60 ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.44 | 248 | 629388 | 18.49 ng/ul | 97 |
| 66) Hexachlorobenzene | 16.56 | 284 | 692636 | 18.39 ng/ul | 93 |
| 67) Atrazine | 16.71 | 200 | 660992 | 18.61 ng/ul | 94 |
| 68) Pentachlorophenol | 16.90 | 266 | 364729 | 17.71 ng/ul | 99 |
| 69) Phenanthrene | 17.29 | 178 | 2847838 | 18.53 ng/ul | 99 |
| 71) Anthracene | 17.38 | 178 | 2959940 | 18.63 ng/ul | 99 |
| 72) Carbazole | 17.64 | 167 | 2586078 | 19.65 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.22 | 149 | 3136652 | 18.69 ng/ul | 98 |
| 74) Fluoranthene | 19.30 | 202 | 3625958 | 20.82 ng/ul# | 94 |
| 77) Pyrene | 19.66 | 202 | 3723124 | 19.21 ng/ul# | 94 |
| 78) Butylbenzylphthalate | 20.56 | 149 | 1439804 | 18.85 ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.33 | 252 | 1393679 | 18.63 ng/ul | 97 |
| 80) Benzo(a)anthracene | 21.40 | 228 | 3917024 | 19.19 ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.34 | 149 | 2193332 | 18.88 ng/ul | 99 |
| 82) Chrysene | 21.46 | 228 | 3480550 | 19.18 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.24 | 149 | 3683809 | 20.54 ng/ul | 99 |
| 85) Benzo(b)fluoranthene | 23.03 | 252 | 4105333 | 19.21 ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 23.07 | 252 | 3789668 | 18.84 ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.62 | 252 | 3805886 | 18.67 ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 26.06 | 276 | 4258666 | 17.75 ng/ul# | 96 |
| 90) Dibenzo(a,h)anthracene | 26.08 | 278 | 3613993 | 17.77 ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 26.78 | 276 | 3375298 | 17.36 ng/ul# | 97 |

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

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