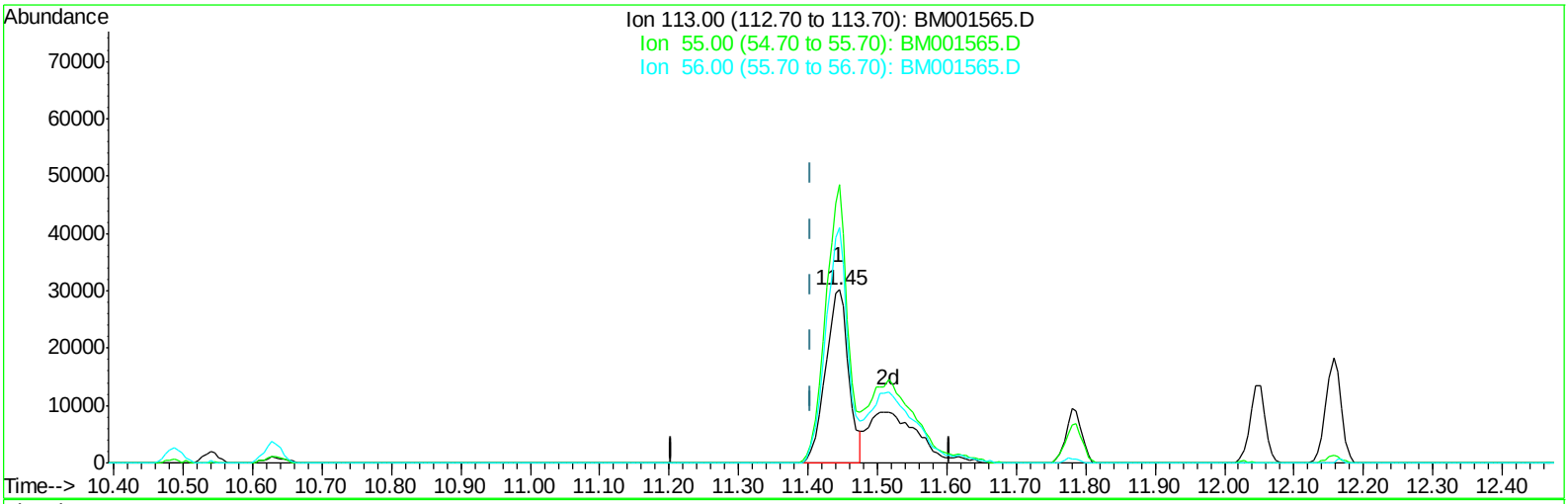
Quantitation Report (Qedit)

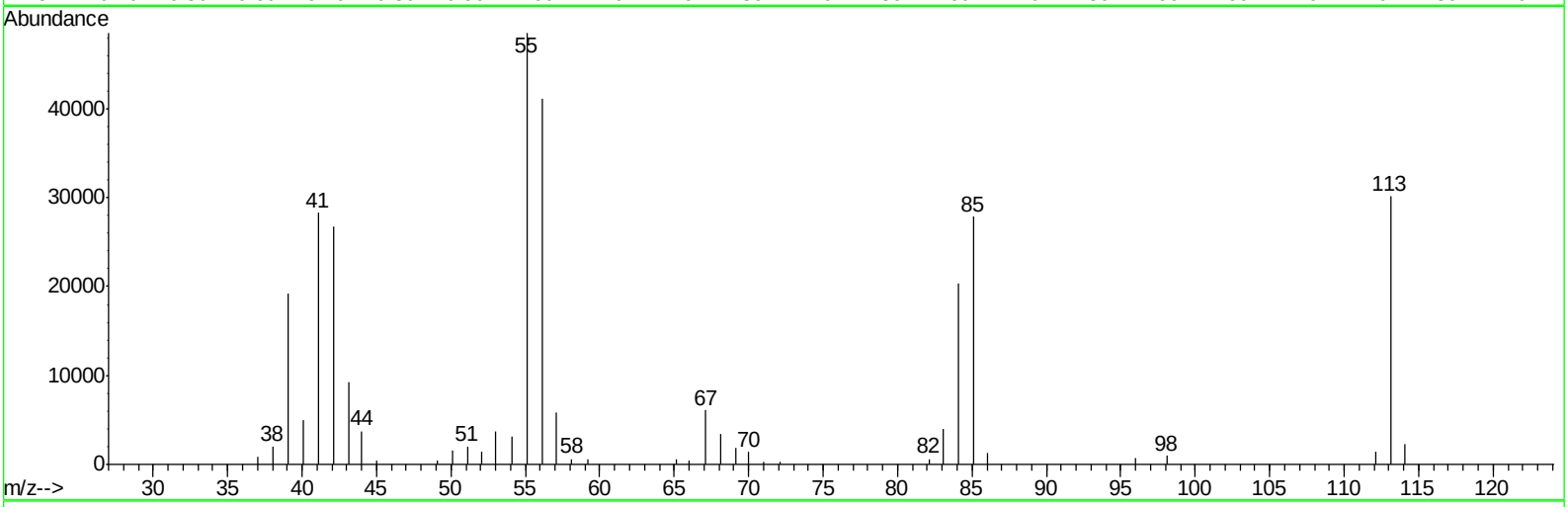
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
Data File : BM001565.D
Acq On : 05 Jun 2015 13:00
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 00:39:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 06 00:36:17 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08077

**Manual Integrations APPROVED**
apatel
6/8/2015 2:49:38 PM




TIC: BM001565.D

(32) Caprolactam

11.445min (+0.041) 54.84ng/ul

response 69785

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 152.70 | 161.09 |
| 56.00 | 136.30 | 136.47 |
| 0.00 | 0.00 | 0.00 |

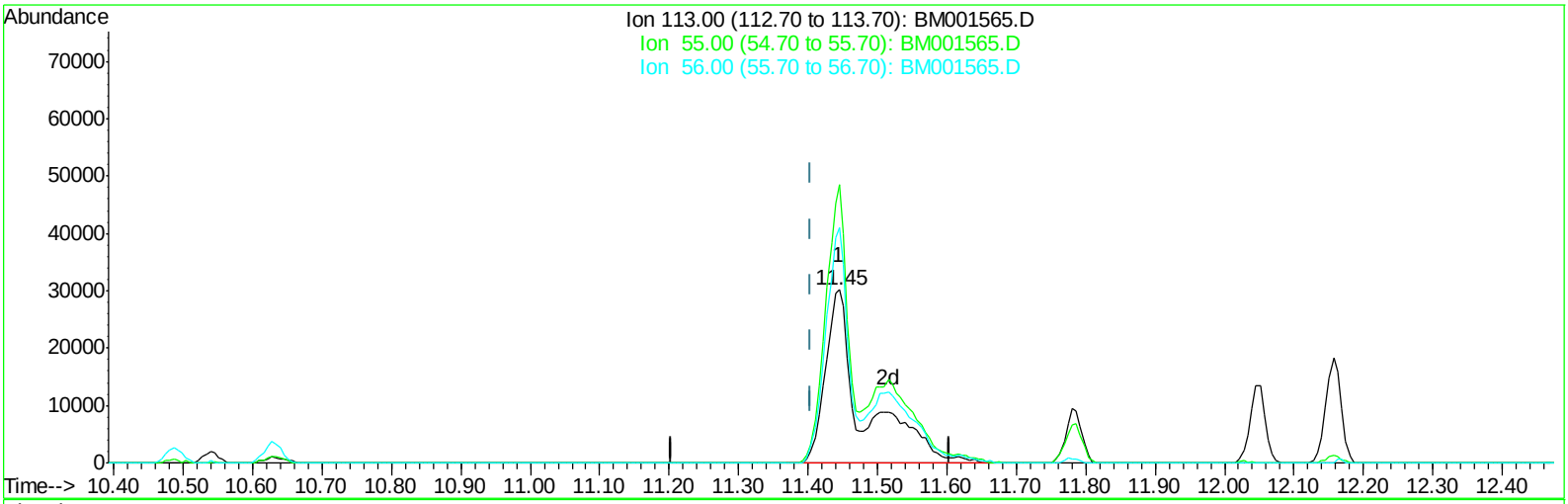
Quantitation Report (Qedit)

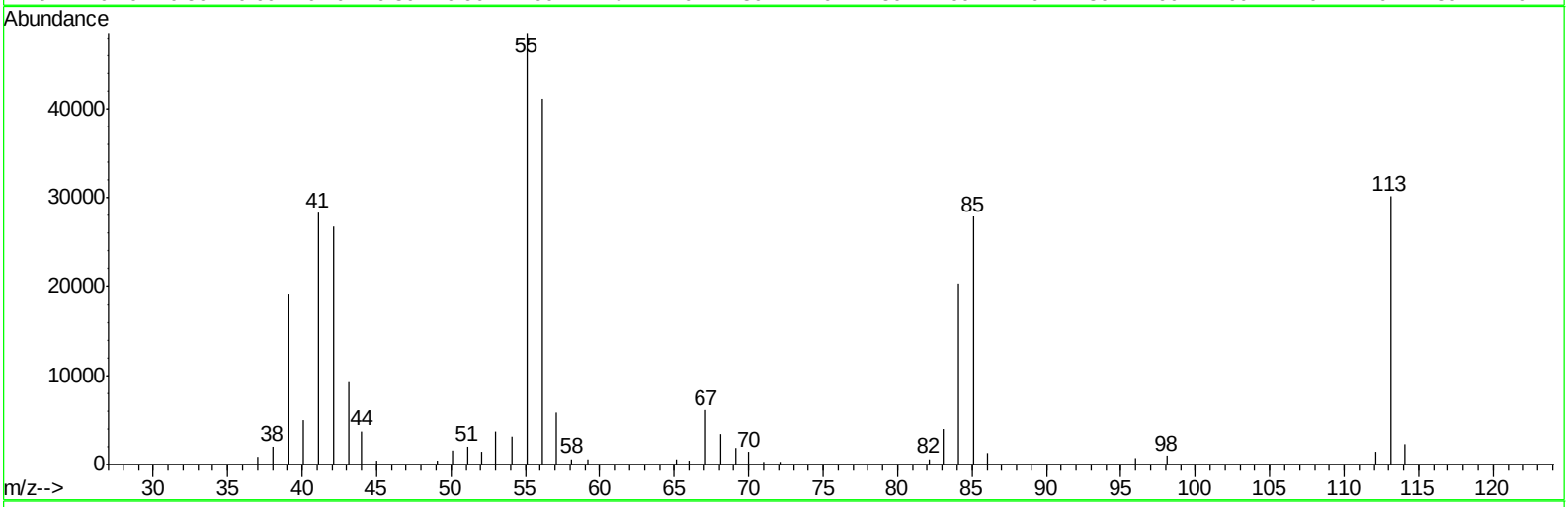
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
Data File : BM001565.D
Acq On : 05 Jun 2015 13:00
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 00:39:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 06 00:36:17 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08077

**Manual Integrations APPROVED**
apatel
6/8/2015 2:49:38 PM




TIC: BM001565.D

(32) Caprolactam

11.445min (+0.041) 89.81ng/ul m

response 114300

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 152.70 | 161.09 |
| 56.00 | 136.30 | 136.47 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
Data File : BM001565.D
Acq On : 05 Jun 2015 13:00
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 00:49:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 06 00:36:17 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08077

**Manual Integrations APPROVED**
apatel
6/8/2015 2:49:38 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 91981 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.49 | 136 | 343553 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.35 | 164 | 195478 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.10 | 188 | 421822 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.29 | 240 | 496249 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.53 | 264 | 474875 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 57477 | 32.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 514974 | 89.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.04 | 67 | 287390 | 88.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 432676 | 91.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 417276 | 89.92 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 193706 | 93.99 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 228252 | 98.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.11 | 165 | 452887 | 92.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 450308 | 92.86 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.77 | 166 | 1088943 | 88.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.05 | 160 | 1489115 | 92.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 196752 | 91.15 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.35 | 176 | 1020955 | 88.53 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 210663 | 100.17 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.20 | 188 | 1522836 | 91.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.50 | 212 | 1679360 | 90.85 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.39 | 264 | 1659760 | 92.97 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.21 | 88 | 61306 | 32.81 | ng/uL | 96 |
| 4) Benzaldehyde | 6.84 | 77 | 315606 | 79.37 | ng/ul | 95 |
| 6) Phenol | 6.89 | 94 | 536123 | 90.12 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93 | 398509 | 88.90 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.26 | 128 | 443061 | 90.60 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.14 | 108 | 401018 | 89.54 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.23 | 45 | 492866 | 87.71 | ng/ul | 99 |
| 14) Acetophenone | 8.52 | 105 | 673587 | 89.06 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 341643 | 91.88 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.48 | 108 | 430090 | 90.21 | ng/ul | 98 |
| 17) Hexachloroethane | 8.77 | 117 | 191752 | 91.92 | ng/ul | 97 |
| 20) Nitrobenzene | 8.90 | 77 | 519600 | 91.35 | ng/ul | 95 |
| 21) Isophorone | 9.43 | 82 | 871651 | 91.24 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.61 | 139 | 240734 | 95.54 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.67 | 107 | 520912 | 90.97 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.91 | 93 | 497014 | 88.76 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.14 | 162 | 436145 | 91.97 | ng/ul | 99 |
| 28) Naphthalene | 10.54 | 128 | 1324762 | 89.18 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.66 | 127 | 454346 | 92.77 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.82 | 225 | 358483 | 92.29 | ng/ul | 98 |
| 32) Caprolactam | 11.45 | 113 | 114300m | 89.81 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.79 | 107 | 440005 | 90.68 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 955979 | 88.61 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
Data File : BM001565.D
Acq On : 05 Jun 2015 13:00
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08077

**Manual Integrations APPROVED**
apatel
6/8/2015 2:49:38 PM

Quant Time: Jun 06 00:49:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 06 00:36:17 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 587507 | 93.70 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.50 | 237 | 405752 | 97.89 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.77 | 196 | 357952 | 96.28 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.85 | 196 | 378015 | 93.07 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.18 | 154 | 1247284 | 91.96 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.22 | 162 | 971519 | 91.31 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.43 | 65 | 287989 | 98.60 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.82 | 163 | 1182797 | 88.57 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.94 | 165 | 249760 | 96.93 | ng/ul | 98 |
| 47) Acenaphthylene | 14.07 | 152 | 1503390 | 91.15 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.27 | 138 | 208358 | 90.46 | ng/ul | 96 |
| 49) Acenaphthene | 14.42 | 153 | 1000070 | 90.12 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.47 | 184 | 148749 | 102.66 | ng/ul | 97 |
| 52) 4-Nitrophenol | 14.57 | 109 | 223780 | 91.41 | ng/ul | 98 |
| 53) Dibenzofuran | 14.75 | 168 | 1403713 | 88.86 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.73 | 165 | 350188 | 93.70 | ng/ul | 99 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 333175 | 93.95 | ng/ul | 100 |
| 56) Diethylphthalate | 15.19 | 149 | 1168257 | 88.43 | ng/ul | 99 |
| 58) Fluorene | 15.40 | 166 | 1198151 | 90.25 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.40 | 204 | 661196 | 91.42 | ng/ul | 96 |
| 60) 4-Nitroaniline | 15.44 | 138 | 228131 | 86.49 | ng/ul | 96 |
| 63) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 222876 | 100.24 | ng/ul | 96 |
| 64) N-Nitrosodiphenylamine | 15.62 | 169 | 988043 | 93.69 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.29 | 248 | 385982 | 93.80 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.40 | 284 | 418827 | 92.70 | ng/ul | 98 |
| 67) Atrazine | 16.57 | 200 | 400491 | 92.74 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.74 | 266 | 278406 | 94.90 | ng/ul | 97 |
| 69) Phenanthrene | 17.14 | 178 | 1757524 | 91.47 | ng/ul | 99 |
| 71) Anthracene | 17.23 | 178 | 1830396 | 92.01 | ng/ul | 99 |
| 72) Carbazole | 17.50 | 167 | 1556995 | 89.94 | ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.07 | 149 | 1855425 | 94.88 | ng/ul | 100 |
| 74) Fluoranthene | 19.16 | 202 | 2082651 | 89.87 | ng/ul# | 97 |
| 77) Pyrene | 19.53 | 202 | 2191078 | 89.94 | ng/ul | 99 |
| 78) Butylbenzylphthalate | 20.43 | 149 | 822890 | 97.54 | ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.21 | 252 | 688894 | 90.33 | ng/ul# | 99 |
| 80) Benzo(a)anthracene | 21.27 | 228 | 2229451 | 90.46 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 1248860 | 102.00 | ng/ul | 100 |
| 82) Chrysene | 21.33 | 228 | 2075058 | 90.55 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.09 | 149 | 2032059 | 95.05 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.86 | 252 | 2216689 | 92.81 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.90 | 252 | 2129475 | 90.91 | ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.44 | 252 | 2124930 | 92.50 | ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 25.81 | 276 | 2476666 | 94.67 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.82 | 278 | 2109096 | 95.86 | ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 26.50 | 276 | 2014931 | 93.39 | ng/ul | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060515\
Data File : BM001565.D
Acq On : 05 Jun 2015 13:00
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 00:49:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 06 00:36:17 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD08077

**Manual Integrations APPROVED**
apatel
6/8/2015 2:49:38 PM