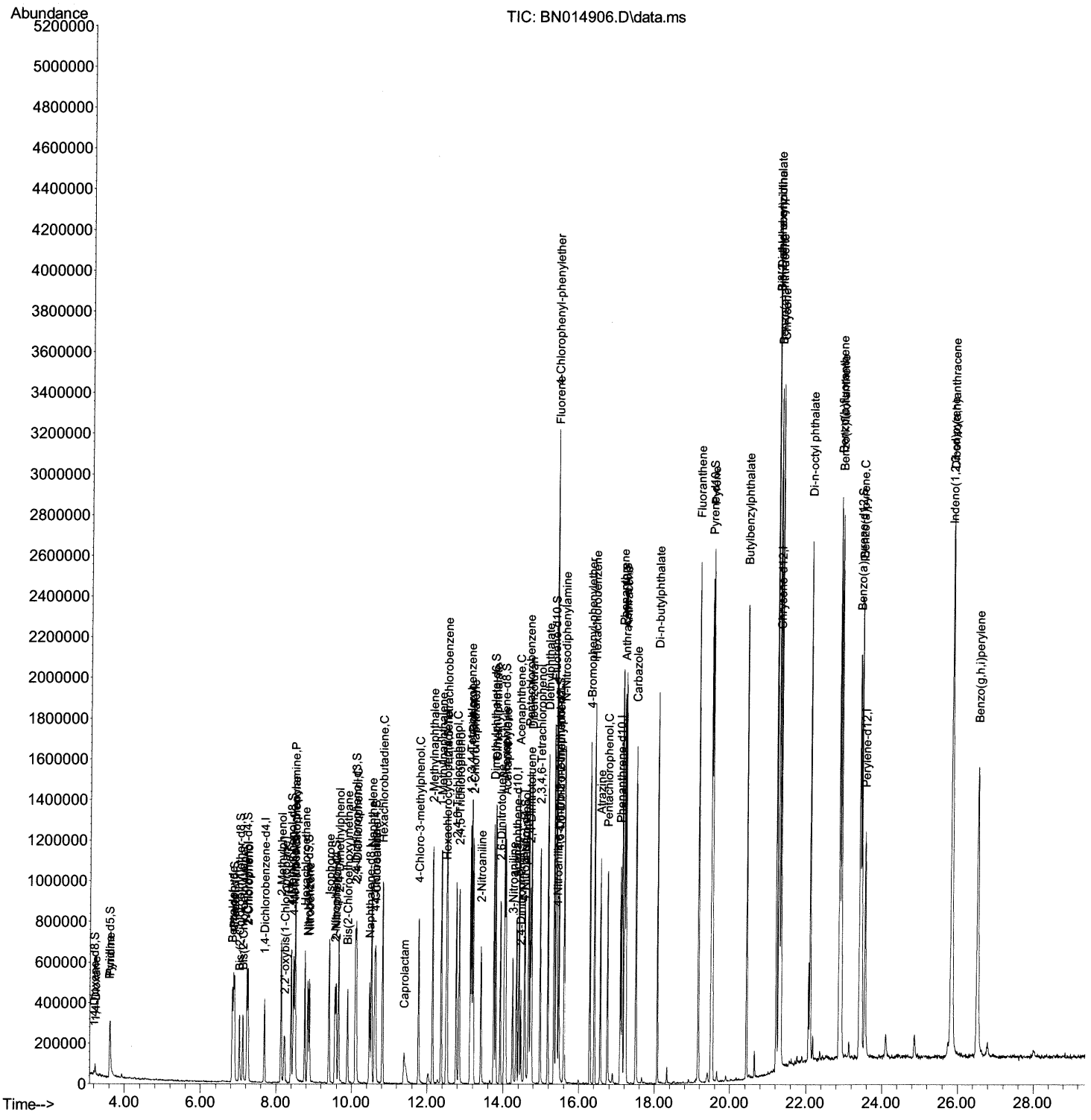
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014906.D
Acq On : 14 Jun 2021 19:51
Operator : CG/JU
Sample : PB137065BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 20:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS065

**Manual Integrations APPROVED**
mohammad
6/15/2021 2:41:51 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014906.D
Acq On : 14 Jun 2021 19:51
Operator : CG/JU
Sample : PB137065BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 20:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
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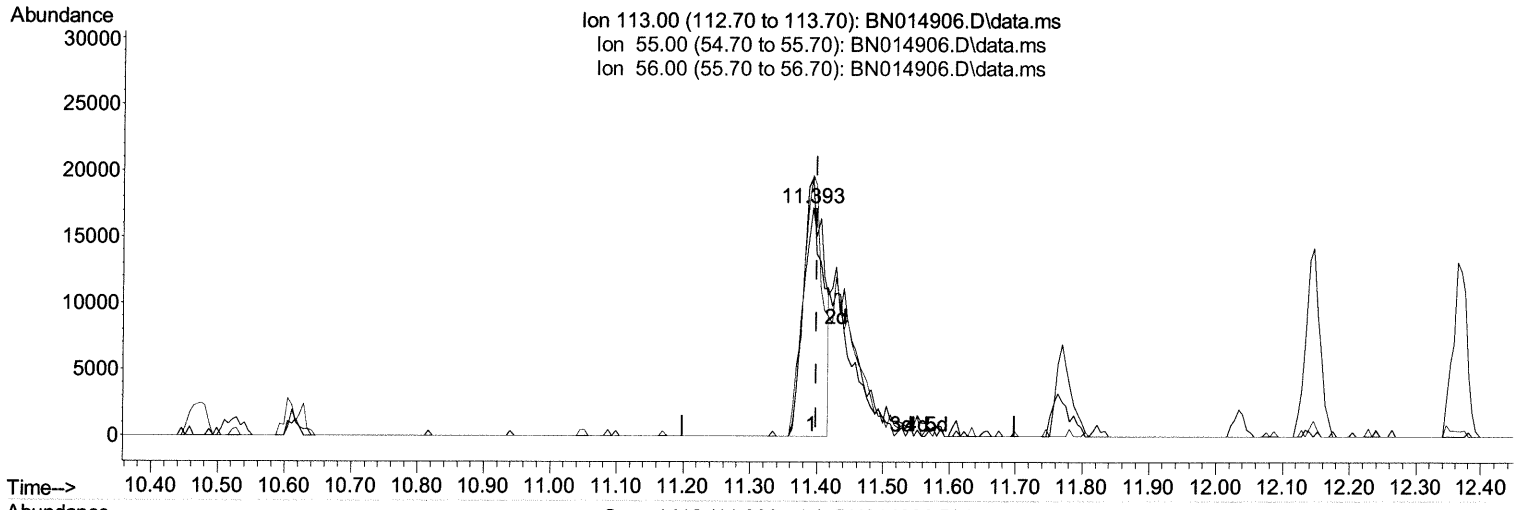
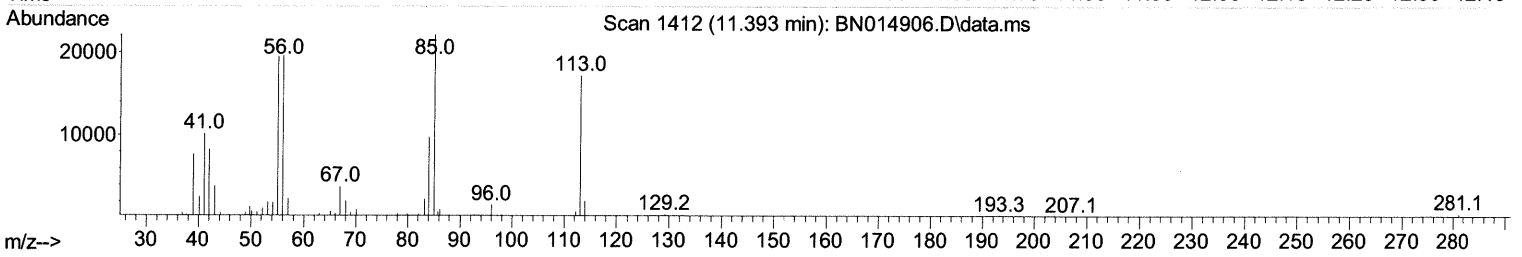
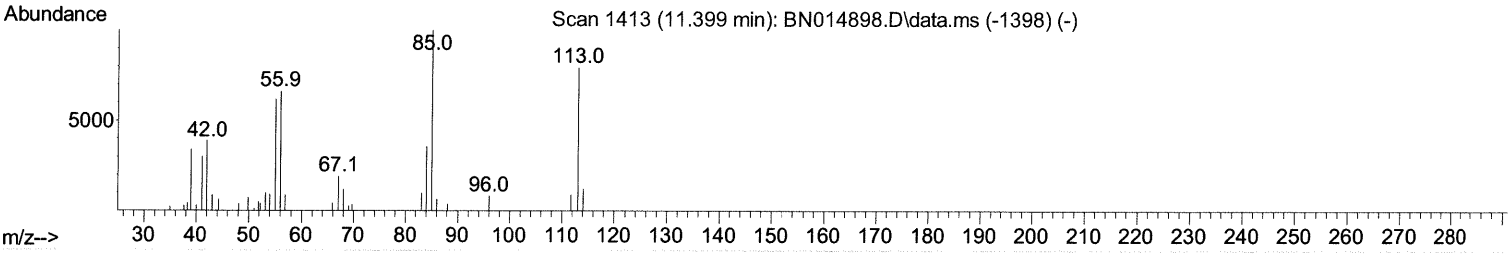
**Manual Integrations APPROVED**
mohammad
6/15/2021 2:41:51 PM




TIC: BN014906.D\data.ms

**(34) Caprolactam**

**11.393min (-0.006) 22.52 ng/ul**

**response 39289**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 118.50 | 113.48 |
| 56.00 | 73.20 | 114.13# |
| 0.00 | 0.00 | 0.00 |

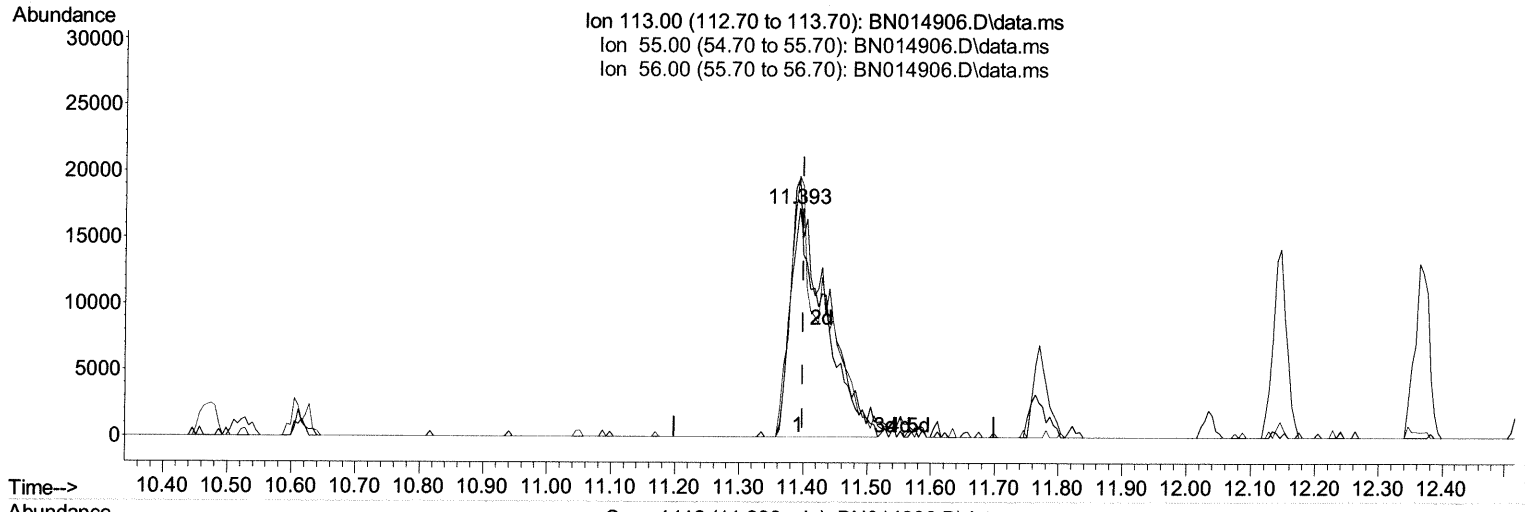
Quantitation Report (Qedit)

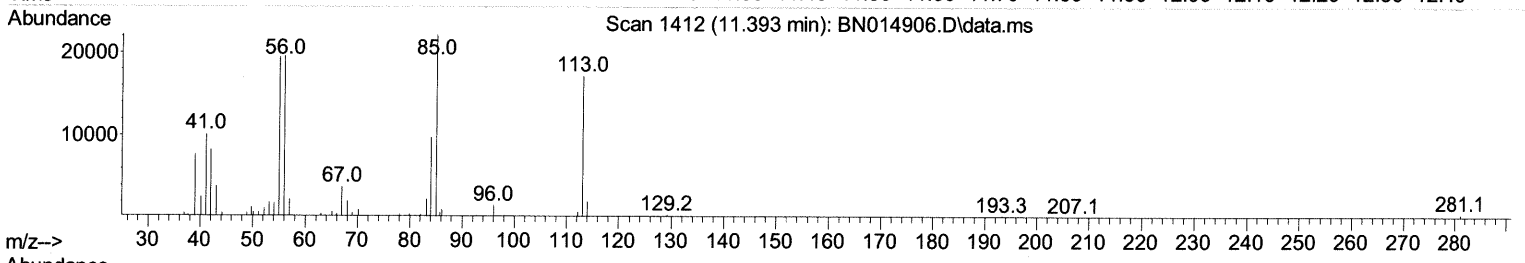
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014906.D
Acq On : 14 Jun 2021 19:51
Operator : CG/JU
Sample : PB137065BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

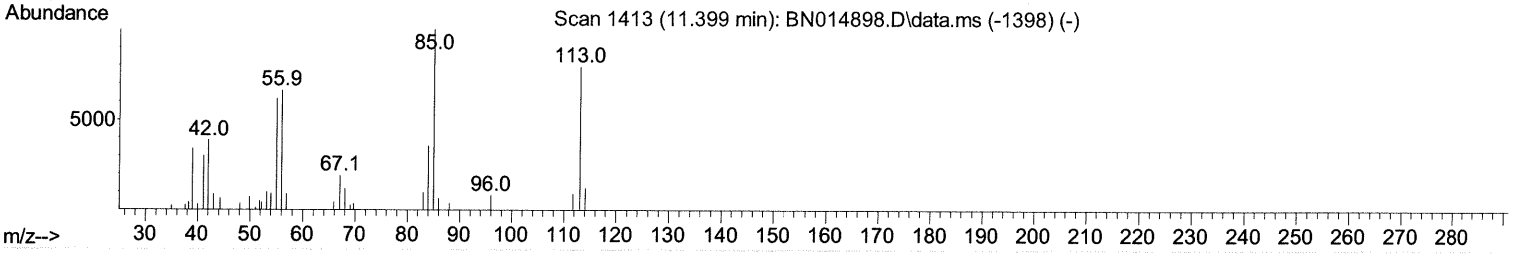
Quant Time: Jun 14 20:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS065

**Manual Integrations APPROVED**
mohammad
6/15/2021 2:41:51 PM




TIC: BN014906.D\data.ms

**(34) Caprolactam**

**11.393min (-0.006) 40.66 ng/ul m** 06/16/21 JU

**response 70938**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 118.50 | 113.48 |
| 56.00 | 73.20 | 114.13# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014906.D
Acq On : 14 Jun 2021 19:51
Operator : CG/JU
Sample : PB137065BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 20:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** SLCS065

**Manual Integrations APPROVED**
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6/15/2021 2:41:51 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.687 | 152 | 95729 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.475 | 136 | 346835 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.340 | 164 | 250012 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.092 | 188 | 590708 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 728995 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.551 | 264 | 791608 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.211 | 96 | 11665 | 6.480 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.611 | 84 | 124919 | 29.832 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.864 | 99 | 246980 | 34.443 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.028 | 67 | 121778 | 35.848 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.222 | 132 | 197152 | 35.859 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.399 | 113 | 202782 | 33.185 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.840 | 128 | 101631 | 39.050 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.563 | 143 | 111534 | 37.789 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.099 | 165 | 227418 | 38.269 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.610 | 131 | 237098 | 33.689 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.751 | 166 | 757406 | 38.108 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.034 | 160 | 842220 | 38.769 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.551 | 143 | 101729 | 36.437 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.340 | 176 | 631628 | 38.957 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 141874 | 40.180 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.192 | 188 | 982158 | 36.739 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.498 | 212 | 1249010 | 37.146 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.410 | 264 | 1579414 | 39.923 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 28243 | 14.066 | ng/uL# | 87 |
| 5) Pyridine | 3.623 | 79 | 119752 | 27.571 | ng/ul | 90 |
| 6) Benzaldehyde | 6.834 | 77 | 164941 | 45.769 | ng/ul | 93 |
| 8) Phenol | 6.893 | 94 | 244488 | 34.365 | ng/ul# | 83 |
| 10) Bis(2-Chloroethyl)ether | 7.116 | 93 | 182975 | 34.082 | ng/ul# | 88 |
| 12) 2-Chlorophenol | 7.258 | 128 | 196423 | 33.628 | ng/ul# | 87 |
| 13) 2-Methylphenol | 8.134 | 108 | 195703 | 34.733 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.228 | 45 | 119620 | 34.245 | ng/ul | 95 |
| 16) Acetophenone | 8.505 | 105 | 345669 | 35.154 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.493 | 70 | 162346 | 34.932 | ng/ul# | 90 |
| 18) 4-Methylphenol | 8.458 | 108 | 219685 | 36.241 | ng/ul | 93 |
| 19) Hexachloroethane | 8.763 | 117 | 102450 | 33.803 | ng/ul | 89 |
| 22) Nitrobenzene | 8.881 | 77 | 276298 | 39.799 | ng/ul | 98 |
| 23) Isophorone | 9.405 | 82 | 463415 | 37.011 | ng/ul# | 95 |
| 25) 2-Nitrophenol | 9.587 | 139 | 123439 | 41.301 | ng/ul# | 84 |
| 26) 2,4-Dimethylphenol | 9.658 | 107 | 244629 | 30.435 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 9.893 | 93 | 266857 | 38.968 | ng/ul# | 94 |
| 29) 2,4-Dichlorophenol | 10.128 | 162 | 222140 | 39.314 | ng/ul | 91 |
| 30) Naphthalene | 10.522 | 128 | 638920 | 36.706 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.634 | 127 | 240150 | 34.558 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.816 | 225 | 210916 | 37.843 | ng/ul | 92 |
| 34) Caprolactam | 11.393 | 113 | 70938m | 40.657 | ng/ul | 06/16/21 JJ |
| 35) 4-Chloro-3-methylphenol | 11.775 | 107 | 305503 | 41.661 | ng/ul | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014906.D
Acq On : 14 Jun 2021 19:51
Operator : CG/JU
Sample : PB137065BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS065

**Manual Integrations APPROVED**
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6/15/2021 2:41:51 PM

Quant Time: Jun 14 20:21:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.146 | 142 | 470825 | 36.890 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.369 | 142 | 469110 | 36.407 | ng/ul# | 90 |
| 39) 1,2,4,5-Tetrachloroben... | 12.516 | 216 | 335011 | 38.558 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.499 | 237 | 190422 | 29.565 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.763 | 196 | 204279 | 40.519 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.840 | 196 | 229342 | 41.360 | ng/ul | 91 |
| 43) 1,1'-Biphenyl | 13.169 | 154 | 656707 | 38.238 | ng/ul# | 93 |
| 44) 2-Chloronaphthalene | 13.210 | 162 | 528115 | 38.505 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.416 | 65 | 166401 | 41.429 | ng/ul | 89 |
| 47) Dimethylphthalate | 13.798 | 163 | 754192 | 40.261 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.922 | 165 | 159218 | 43.872 | ng/ul# | 97 |
| 50) Acenaphthylene | 14.063 | 152 | 751789 | 38.158 | ng/ul | 95 |
| 51) 3-Nitroaniline | 14.246 | 138 | 122437 | 40.796 | ng/ul# | 74 |
| 52) Acenaphthene | 14.410 | 153 | 565730 | 38.655 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.457 | 184 | 81052 | 40.509 | ng/ul | 86 |
| 55) 4-Nitrophenol | 14.569 | 109 | 193405 | 41.519 | ng/ul | 89 |
| 56) Dibenzofuran | 14.745 | 168 | 840919 | 39.439 | ng/ul# | 80 |
| 57) 2,4-Dinitrotoluene | 14.710 | 165 | 234769 | 41.769 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232 | 208079 | 39.741 | ng/ul# | 92 |
| 59) Diethylphthalate | 15.175 | 149 | 766097 | 40.243 | ng/ul | 97 |
| 61) Fluorene | 15.398 | 166 | 655787 | 38.461 | ng/ul | 94 |
| 62) 4-Chlorophenyl-phenyle... | 15.393 | 204 | 368622 | 38.888 | ng/ul# | 76 |
| 63) 4-Nitroaniline | 15.422 | 138 | 126735 | 42.889 | ng/ul# | 70 |
| 66) 4,6-Dinitro-2-methylph... | 15.475 | 198 | 135650 | 39.360 | ng/ul# | 86 |
| 67) N-Nitrosodiphenylamine | 15.610 | 169 | 605512 | 39.490 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.292 | 248 | 292271 | 41.189 | ng/ul# | 78 |
| 69) Hexachlorobenzene | 16.404 | 284 | 368516 | 40.100 | ng/ul | 94 |
| 70) Atrazine | 16.563 | 200 | 198021 | 28.547 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.751 | 266 | 185761 | 41.259 | ng/ul | 96 |
| 72) Phenanthrene | 17.139 | 178 | 1166452 | 39.455 | ng/ul | 97 |
| 74) Anthracene | 17.228 | 178 | 1130315 | 37.895 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.128 | 216 | 342146 | 38.140 | ng/uL | 94 |
| 76) Pentachlorobenzene | 14.663 | 250 | 366553 | 37.118 | ng/uL | 94 |
| 77) Carbazole | 17.498 | 167 | 994131 | 39.879 | ng/ul# | 94 |
| 78) Di-n-butylphthalate | 18.075 | 149 | 1268922 | 40.792 | ng/ul | 97 |
| 80) Fluoranthene | 19.163 | 202 | 1517455 | 39.271 | ng/ul# | 94 |
| 82) Pyrene | 19.528 | 202 | 1542031 | 37.630 | ng/ul# | 94 |
| 83) Butylbenzylphthalate | 20.439 | 149 | 611760 | 40.510 | ng/ul | 92 |
| 84) 3,3'-Dichlorobenzidine | 21.216 | 252 | 518785 | 38.832 | ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.280 | 228 | 1683424 | 39.425 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 868259 | 39.027 | ng/ul | 98 |
| 87) Chrysene | 21.333 | 228 | 1641597 | 38.795 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.104 | 149 | 1740079 | 42.103 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.874 | 252 | 1885685 | 40.995 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 22.916 | 252 | 2011278 | 44.480 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.457 | 252 | 1725498 | 41.304 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.821 | 276 | 2275157 | 42.281 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 25.839 | 278 | 1805263 | 40.991 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.521 | 276 | 1919330 | 40.615 | ng/ul# | 92 |

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

**Instrument :**
BNA_N
**ClientSampleId :**
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**Manual Integrations APPROVED**

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