Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
Data File : BN014296.D
Acq On : 15 Apr 2021 22:48
Operator : CG/JU
Sample : PB135757BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 16 02:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 15 15:18:04 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS757

**Manual Integrations APPROVED**
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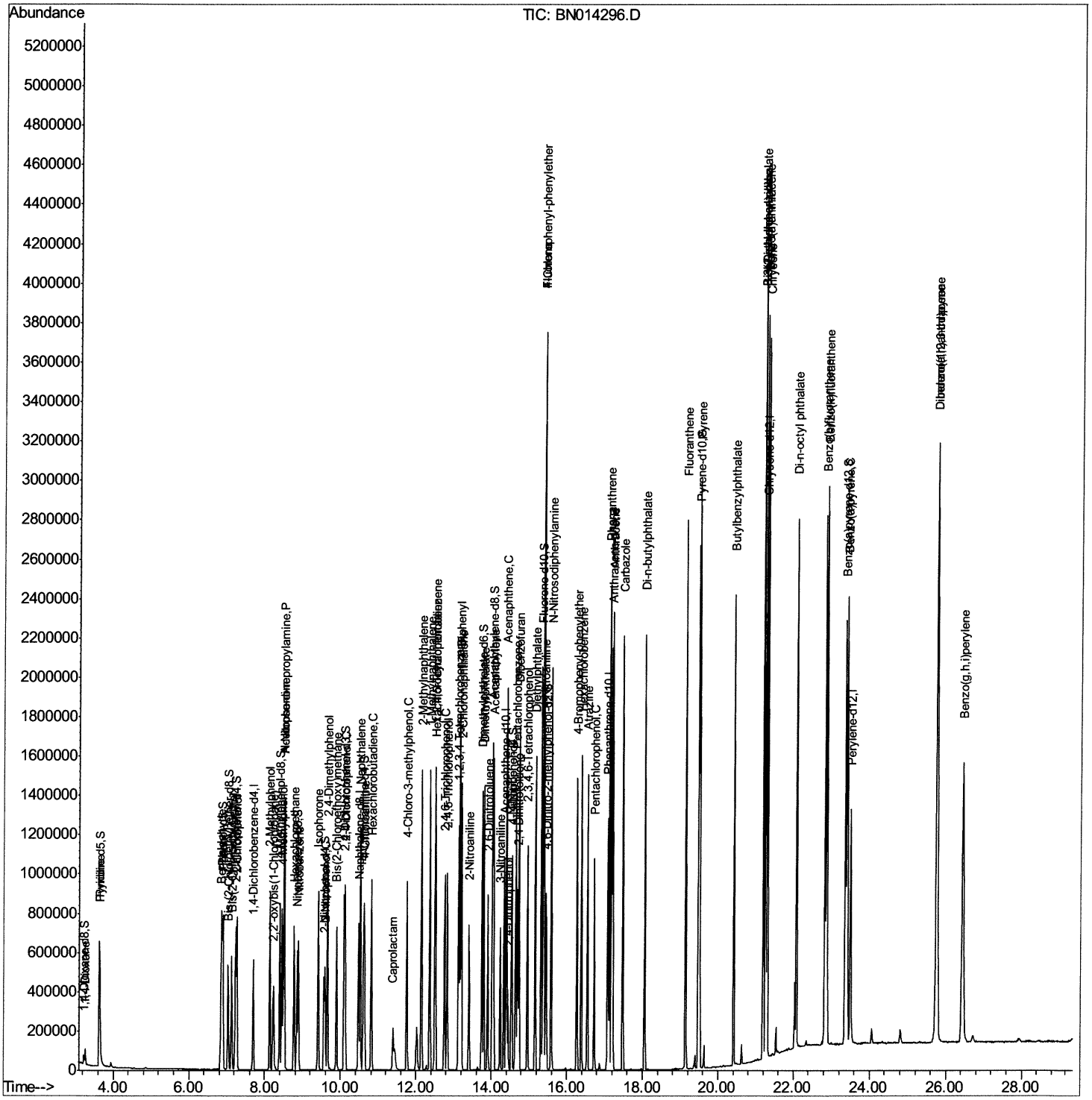

# Quantitation Report (Qedit)

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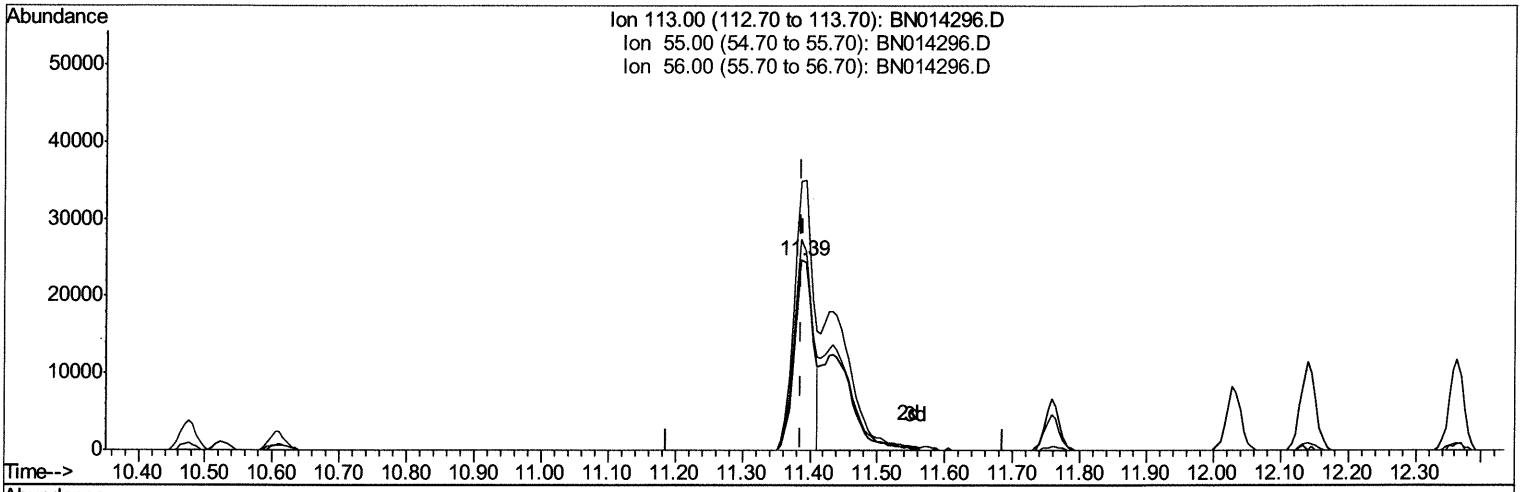


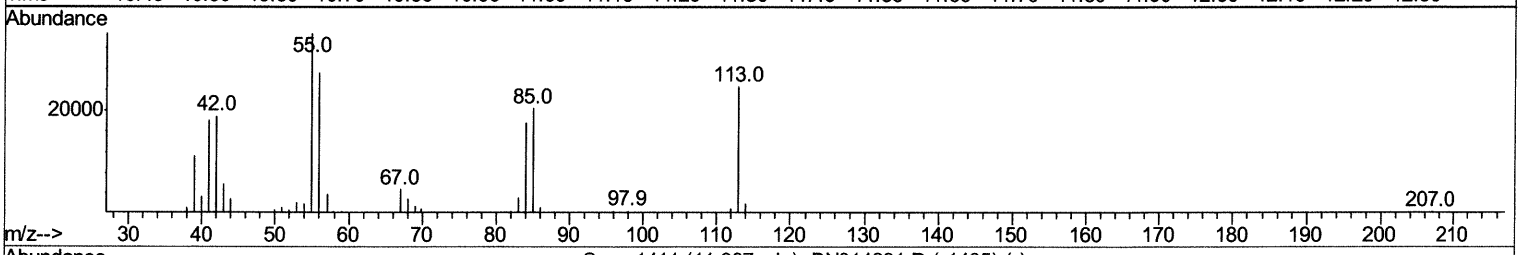


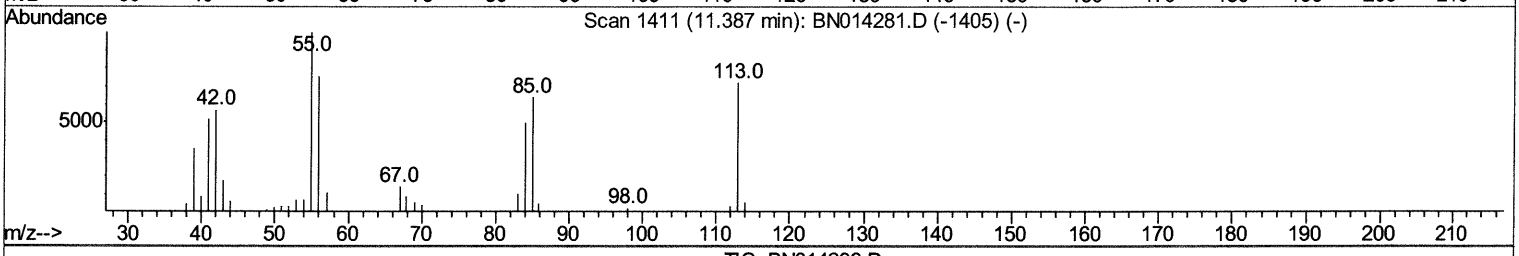


TIC: BN014296.D

(34) Caprolactam

11.387min (+0.000) 17.59ng/ul

response 46516

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 144.30 | 141.42 |
| 56.00 | 109.00 | 111.15 |
| 0.00 | 0.00 | 0.00 |

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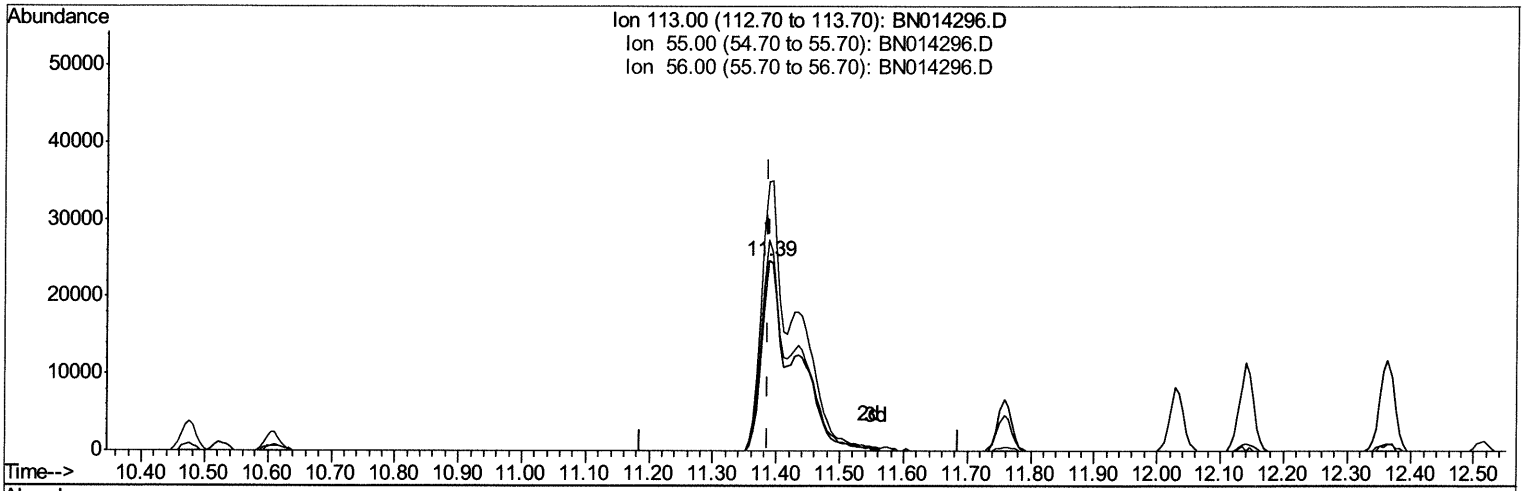
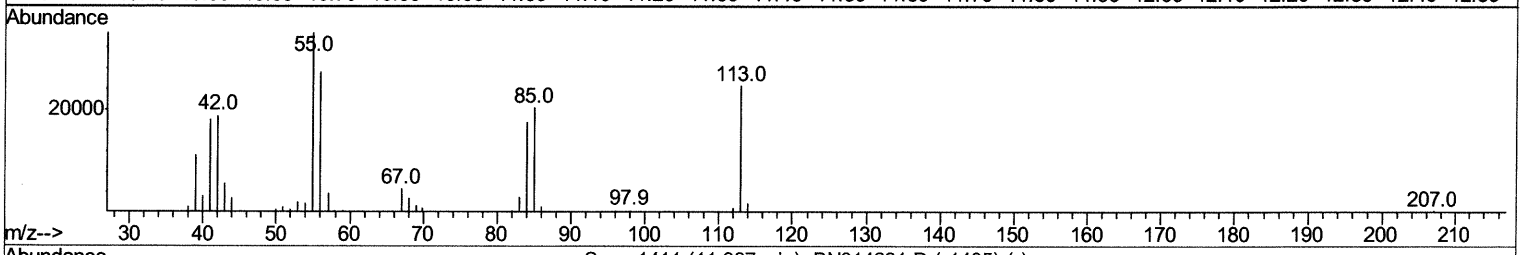
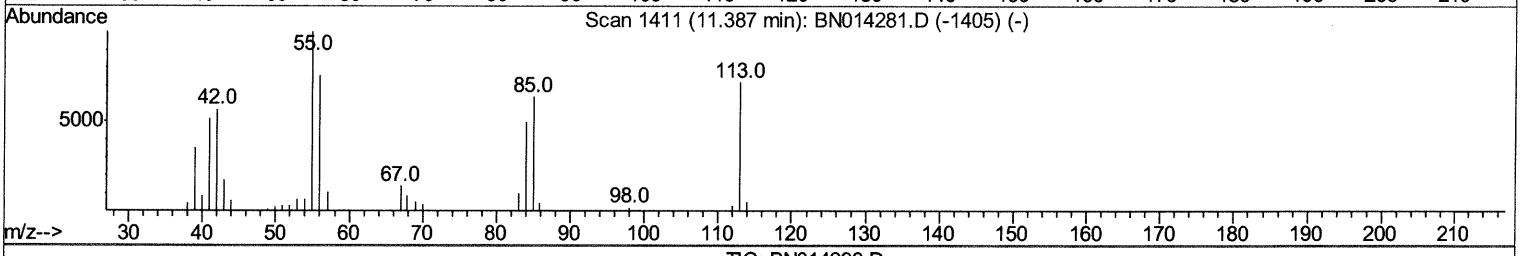
4/16/2021 11:30:59 AM




TIC: BN014296.D

(34) Caprolactam

11.387min (+0.000) 32.84ng/ul m 04/28/21 JU

response 86818

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 144.30 | 141.42 |
| 56.00 | 109.00 | 111.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :** BNA_N
**ClientSampleId :** SLCS757

**Manual Integrations APPROVED**
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4/16/2021 11:30:59 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 148993 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.48 | 136 | 606302 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.33 | 164 | 362349 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.08 | 188 | 732080 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.27 | 240 | 791131 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.50 | 264 | 787285 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 22532 | 5.76 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.62 | 84 | 300017 | 28.93 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.86 | 99 | 398381 | 31.98 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 233790 | 31.35 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.23 | 132 | 327075 | 33.38 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.40 | 113 | 308284 | 32.65 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.85 | 128 | 146036 | 33.33 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.56 | 143 | 148180 | 34.54 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 308028 | 33.33 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.61 | 131 | 382566 | 27.90 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.75 | 166 | 896307 | 34.14 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.02 | 160 | 1160098 | 36.74 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.53 | 143 | 168576 | 33.11 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.33 | 176 | 769668 | 33.17 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 131879 | 33.66 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.18 | 188 | 1216709 | 35.61 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.47 | 212 | 1376311 | 35.84 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.36 | 264 | 1537919 | 36.82 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 45743 | 11.471 | ng/uL# | 95 |
| 5) Pyridine | 3.64 | 79 | 311938 | 29.267 | ng/ul | 95 |
| 6) Benzaldehyde | 6.85 | 77 | 207670 | 33.022 | ng/ul | 99 |
| 8) Phenol | 6.89 | 94 | 415462 | 31.030 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.13 | 93 | 319523 | 30.343 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.26 | 128 | 332871 | 31.778 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.13 | 108 | 299882 | 30.887 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.23 | 45 | 355610 | 30.550 | ng/ul | 99 |
| 16) Acetophenone | 8.51 | 105 | 495430 | 31.218 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propylamine | 8.50 | 70 | 241374 | 32.712 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.46 | 108 | 327379 | 31.135 | ng/ul | 97 |
| 19) Hexachloroethane | 8.77 | 117 | 137628 | 31.257 | ng/ul | 98 |
| 22) Nitrobenzene | 8.89 | 77 | 366091 | 31.587 | ng/ul | 100 |
| 23) Isophorone | 9.41 | 82 | 636932 | 32.677 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.59 | 139 | 168499 | 33.237 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.66 | 107 | 356908 | 31.624 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)methane | 9.89 | 93 | 417300 | 31.425 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 306898 | 32.356 | ng/ul | 98 |
| 30) Naphthalene | 10.53 | 128 | 1036370 | 30.841 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.63 | 127 | 378070 | 26.797 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.82 | 225 | 193253 | 31.206 | ng/ul | 93 |
| 34) Caprolactam | 11.39 | 113 | 86818m > | 32.839 | ng/ul > | |

04/28/21 JU

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**Instrument :** BNA_N
**ClientSampleId :** SLCS757

**Manual Integrations APPROVED**
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4/16/2021 11:30:59 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.76 | 107 | 313926 | 33.484 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.14 | 142 | 723244 | 31.588 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.36 | 142 | 701646 | 30.773 | ng/ul | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216 | 370412 | 30.202 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 203035 | 26.659 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.76 | 196 | 228518 | 32.238 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.82 | 196 | 253327 | 32.204 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.16 | 154 | 915591 | 30.723 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.20 | 162 | 707091 | 30.353 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.40 | 65 | 186259 | 34.488 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.79 | 163 | 882203 | 32.373 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.91 | 165 | 170453 | 35.666 | ng/ul | 98 |
| 50) Acenaphthylene | 14.05 | 152 | 1071402 | 31.887 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.23 | 138 | 169244 | 28.741 | ng/ul | 94 |
| 52) Acenaphthene | 14.40 | 153 | 763608 | 31.157 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.44 | 184 | 79028 | 28.329 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.55 | 109 | 141731 | 32.489 | ng/ul | 97 |
| 56) Dibenzofuran | 14.73 | 168 | 1073612 | 31.477 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.70 | 165 | 252357 | 36.553 | ng/ul | 91 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 212341 | 34.310 | ng/ul | 99 |
| 59) Diethylphthalate | 15.17 | 149 | 890728 | 31.954 | ng/ul | 99 |
| 61) Fluorene | 15.39 | 166 | 896234 | 32.415 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.38 | 204 | 447958 | 32.901 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.40 | 138 | 191820 | 33.465 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 131321 | 31.653 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.59 | 169 | 765066 | 33.587 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.27 | 248 | 263295 | 33.996 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.39 | 284 | 300162 | 32.468 | ng/ul | 97 |
| 70) Atrazine | 16.55 | 200 | 261646 | 32.322 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.73 | 266 | 166618 | 30.998 | ng/ul | 89 |
| 72) Phenanthrene | 17.12 | 178 | 1416929 | 33.150 | ng/ul | 99 |
| 74) Anthracene | 17.22 | 178 | 1425463 | 32.833 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.13 | 216 | 363983 | 30.192 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.66 | 250 | 359036 | 29.965 | ng/uL | 98 |
| 77) Carbazole | 17.48 | 167 | 1273446 | 32.425 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.06 | 149 | 1478280 | 34.787 | ng/ul | 99 |
| 80) Fluoranthene | 19.14 | 202 | 1633952 | 33.670 | ng/ul | 98 |
| 82) Pyrene | 19.50 | 202 | 1727236 | 33.426 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.42 | 149 | 634216 | 37.381 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.19 | 252 | 487456 | 34.451 | ng/ul | 92 |
| 85) Benzo(a)anthracene | 21.26 | 228 | 1757446 | 34.380 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 1033240 | 37.365 | ng/ul | 99 |
| 87) Chrysene | 21.31 | 228 | 1686125 | 34.030 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.07 | 149 | 1730871 | 35.213 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.83 | 252 | 1793688 | 34.055 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 22.88 | 252 | 1755575 | 33.483 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.41 | 252 | 1604273 | 34.427 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 2130863 | 34.501 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 25.77 | 278 | 1800257 | 35.308 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.44 | 276 | 1735633 | 34.773 | ng/ul | 98 |

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4/16/2021 11:30:59 AM

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|---|---|---|---|---|---|---|

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