Quantitation Report (Qedit)

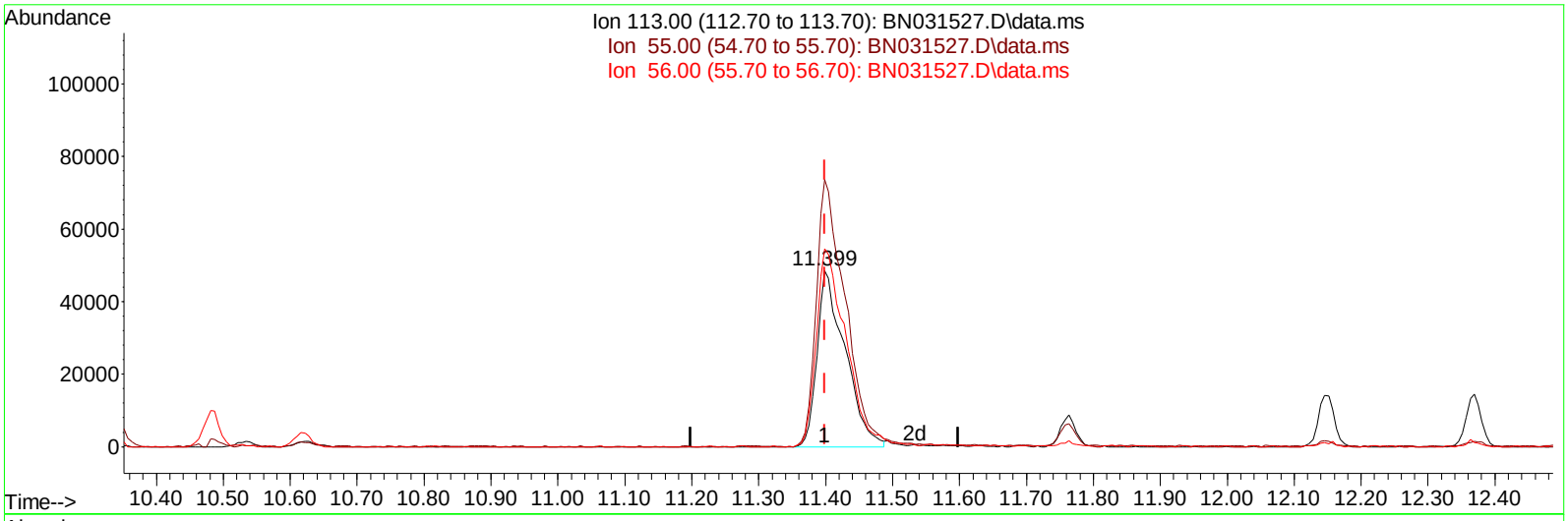
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
Data File : BN031527.D
Acq On : 14 May 2024 16:30
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

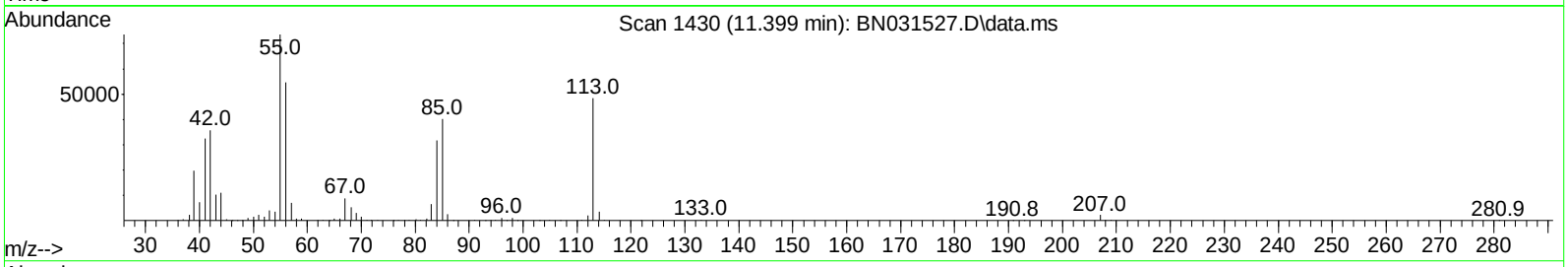
Quant Time: May 15 02:38:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 15 02:37:21 2024
Response via : Initial Calibration

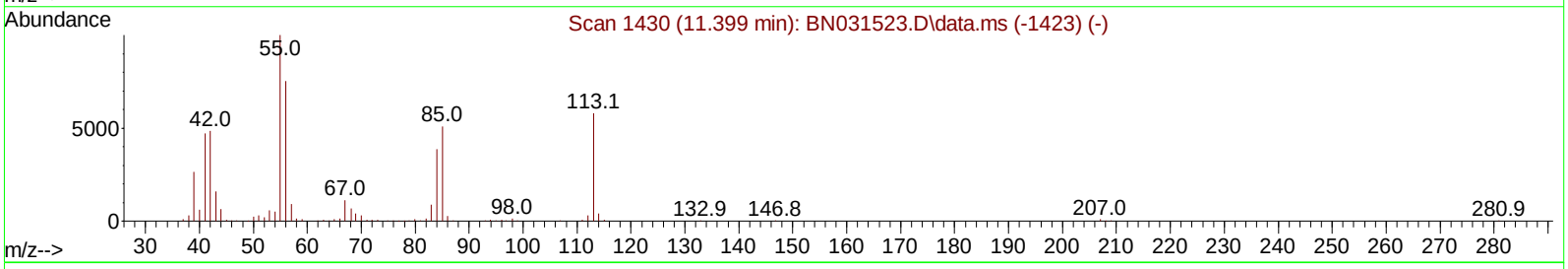
**Instrument :**
BNA_N
**ClientSampleId :**
SICV244

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024




TIC: BN031527.D\data.ms

**(34) Caprolactam**

**11.399min (+ 0.000) 20.60 ng/ul**

**response 140822**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 173.40 | 151.57 |
| 56.00 | 130.40 | 112.48 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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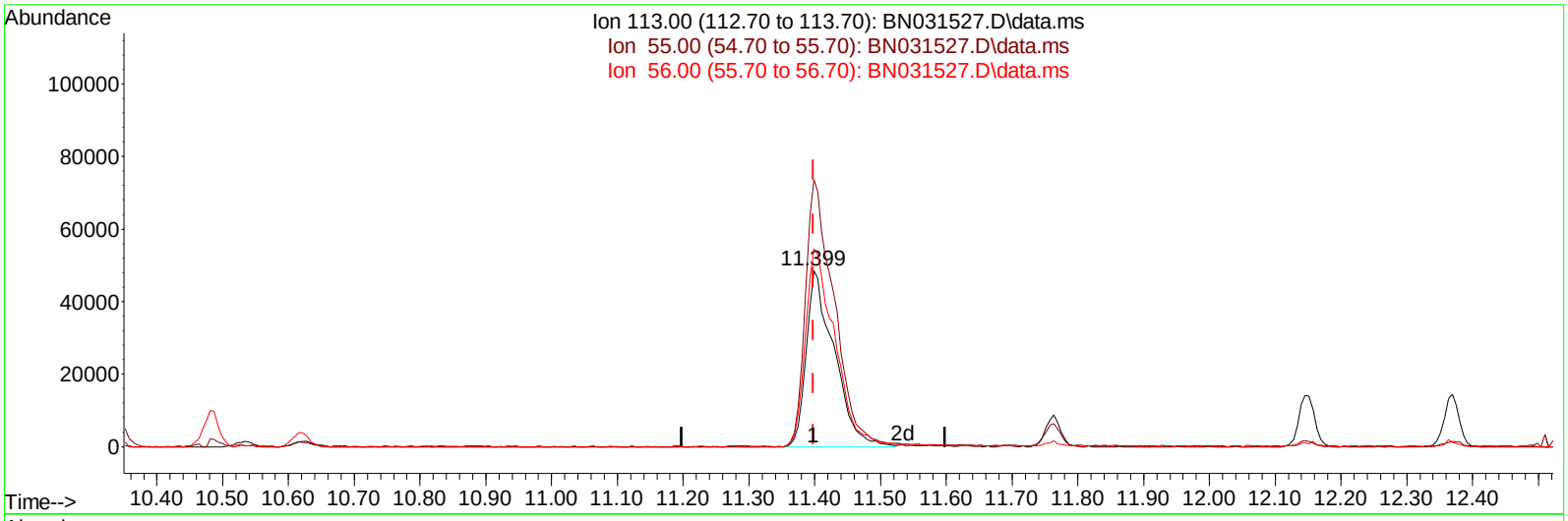


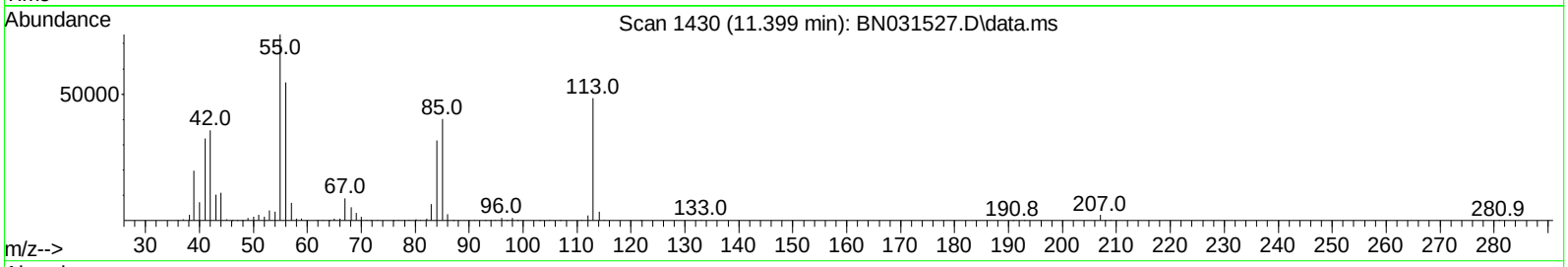


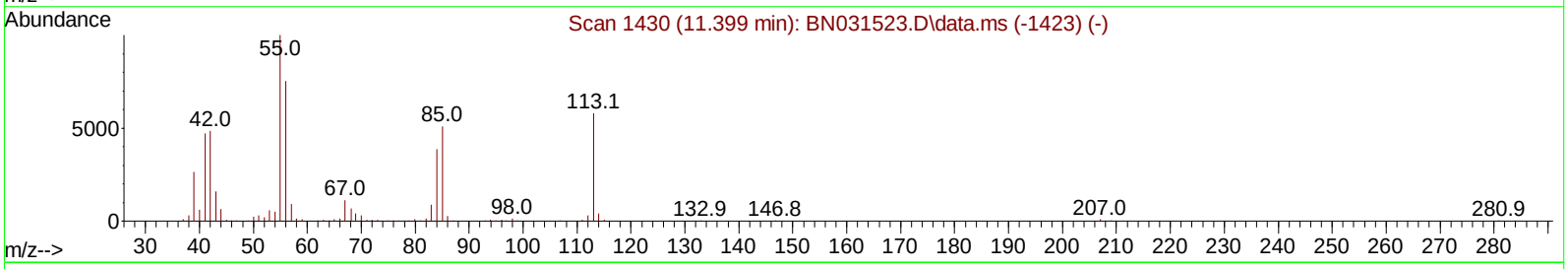


TIC: BN031527.D\data.ms

**(34) Caprolactam**

**11.399min (+ 0.000) 20.85 ng/ul m**

**response 142549**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 173.40 | 151.57 |
| 56.00 | 130.40 | 112.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
Data File : BN031527.D
Acq On : 14 May 2024 16:30
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 02:39:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 15 02:37:21 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SICV244

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 326824 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.481 | 136 | 1439545 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.334 | 164 | 940235 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.081 | 188 | 1934403 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.310 | 240 | 1962750 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.251 | 264 | 2278033 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.199 | 96 | 53416 | 6.732 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.605 | 84 | 454670 | 18.742 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.858 | 99 | 536218 | 19.332 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.040 | 67 | 369806 | 20.365 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.228 | 132 | 398025 | 20.934 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.399 | 113 | 419186 | 19.681 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.852 | 128 | 203416 | 21.440 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.569 | 143 | 171294 | 23.924 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.099 | 165 | 393975 | 22.148 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.616 | 131 | 633969 | 20.038 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.757 | 166 | 1238886 | 20.832 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.028 | 160 | 1515100 | 20.852 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.528 | 143 | 236122 | 20.702 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.328 | 176 | 1092113 | 20.080 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 200 | 128981 | 18.622 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.181 | 188 | 1680797 | 20.321 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.475 | 212 | 1983628 | 20.356 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.051 | 264 | 2125113 | 21.018 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.234 | 88 | 57092 | 6.742 | ng/uL | 96 |
| 5) Pyridine | 3.623 | 79 | 391550 | 16.087 | ng/ul | 99 |
| 6) Benzaldehyde | 6.846 | 77 | 320799 | 22.608 | ng/ul | 97 |
| 8) Phenol | 6.887 | 94 | 548863 | 18.734 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.134 | 93 | 448128 | 18.271 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.263 | 128 | 409212 | 19.742 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.134 | 108 | 397901 | 18.577 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.216 | 45 | 551045 | 17.299 | ng/ul | 99 |
| 16) Acetophenone | 8.516 | 105 | 703481 | 19.434 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.505 | 70 | 348211 | 19.408 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.458 | 108 | 437202 | 18.933 | ng/ul | 98 |
| 19) Hexachloroethane | 8.769 | 117 | 172411 | 18.285 | ng/ul | 97 |
| 22) Nitrobenzene | 8.893 | 77 | 496881 | 18.758 | ng/ul | 97 |
| 23) Isophorone | 9.416 | 82 | 962192 | 19.143 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.599 | 139 | 194235 | 23.072 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.658 | 107 | 340431 | 15.075 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.905 | 93 | 607182 | 18.669 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.128 | 162 | 380558 | 21.050 | ng/ul | 98 |
| 30) Naphthalene | 10.534 | 128 | 1400029 | 18.648 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.646 | 127 | 594076 | 19.057 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.816 | 225 | 233180 | 19.339 | ng/ul | 97 |
| 34) Caprolactam | 11.399 | 113 | 142549m | 20.853 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.763 | 107 | 443708 | 21.166 | ng/ul | 99 |

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**Instrument :**
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SICV244

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 05/17/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.146 | 142 | 965595 | 19.776 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.369 | 142 | 905904 | 18.312 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.516 | 216 | 488073 | 19.748 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.499 | 237 | 362707 | 26.962 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.757 | 196 | 276011 | 21.404 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.822 | 196 | 316936 | 21.023 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.169 | 154 | 1276179 | 19.226 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.210 | 162 | 957461 | 18.373 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.416 | 65 | 275618 | 20.553 | ng/ul | 89 |
| 47) Dimethylphthalate | 13.798 | 163 | 1199794 | 19.234 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.916 | 165 | 241177 | 22.697 | ng/ul | 97 |
| 50) Acenaphthylene | 14.057 | 152 | 1610794 | 18.845 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.240 | 138 | 286184 | 22.993 | ng/ul | 98 |
| 52) Acenaphthene | 14.398 | 153 | 1032198 | 18.008 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.445 | 184 | 81205 | 17.941 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.540 | 109 | 181136 | 19.656 | ng/ul | 96 |
| 56) Dibenzofuran | 14.734 | 168 | 1490755 | 19.195 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.698 | 165 | 327693 | 21.301 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.957 | 232 | 264503 | 24.219 | ng/ul | 99 |
| 59) Diethylphthalate | 15.169 | 149 | 1202544 | 19.233 | ng/ul | 100 |
| 61) Fluorene | 15.387 | 166 | 1211974 | 19.013 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.387 | 204 | 573010 | 18.837 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.404 | 138 | 305563 | 24.351 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.457 | 198 | 142888 | 18.650 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.598 | 169 | 1043000 | 19.883 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.281 | 248 | 347421 | 19.768 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.381 | 284 | 411181 | 20.064 | ng/ul | 96 |
| 70) Atrazine | 16.551 | 200 | 313130 | 20.250 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.722 | 266 | 207022 | 19.919 | ng/ul | 94 |
| 72) Phenanthrene | 17.122 | 178 | 1902646 | 18.775 | ng/ul | 98 |
| 74) Anthracene | 17.210 | 178 | 1909019 | 18.682 | ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.128 | 216 | 478215 | 19.548 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.651 | 250 | 439841 | 18.571 | ng/uL | 98 |
| 77) Carbazole | 17.481 | 167 | 1859920 | 20.219 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.063 | 149 | 2071528 | 20.430 | ng/ul | 99 |
| 80) Fluoranthene | 19.139 | 202 | 2202493 | 19.163 | ng/ul | 100 |
| 82) Pyrene | 19.504 | 202 | 2385403 | 19.163 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.422 | 149 | 864740 | 22.034 | ng/ul | 91 |
| 84) 3,3'-Dichlorobenzidine | 21.222 | 252 | 802578 | 22.188 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.292 | 228 | 2396814 | 18.577 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 1407040 | 21.820 | ng/ul | 97 |
| 87) Chrysene | 21.351 | 228 | 2352909 | 19.502 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.357 | 149 | 2167310 | 19.092 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.321 | 252 | 2480967 | 19.217 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.380 | 252 | 2481166 | 18.804 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 24.110 | 252 | 2361219 | 18.861 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 27.551 | 276 | 2833302 | 20.082 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 27.615 | 278 | 2292720 | 19.077 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 28.580 | 276 | 2151455 | 18.883 | ng/ul | 97 |

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

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