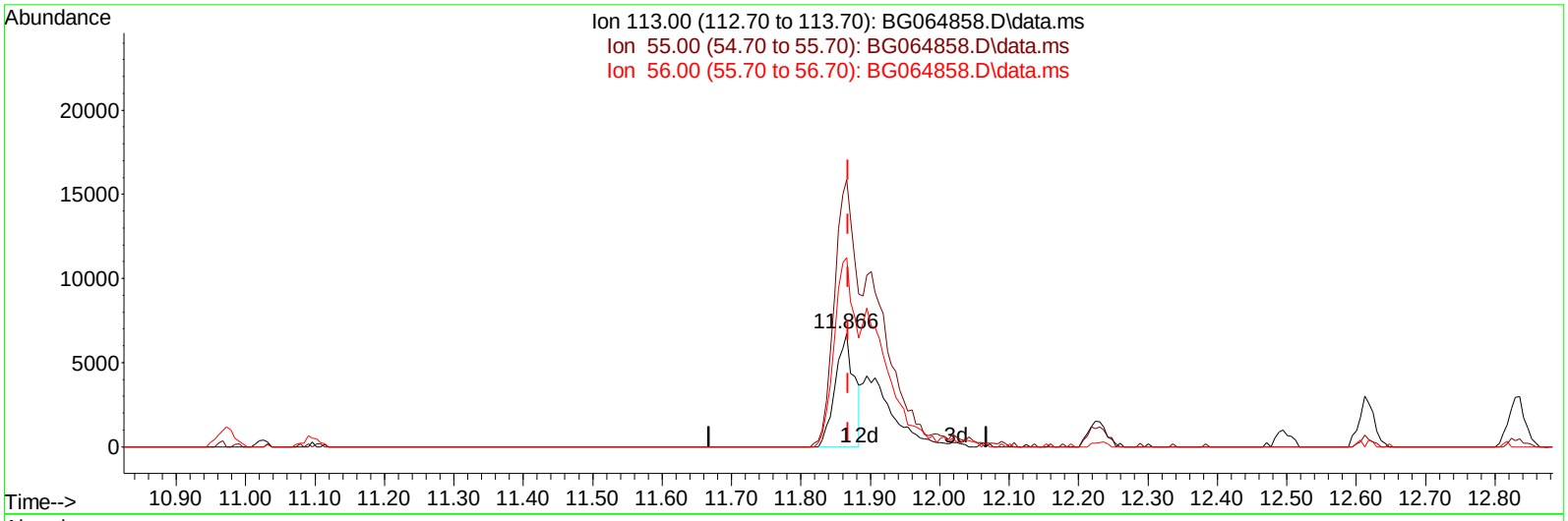
Quantitation Report (Qedit)

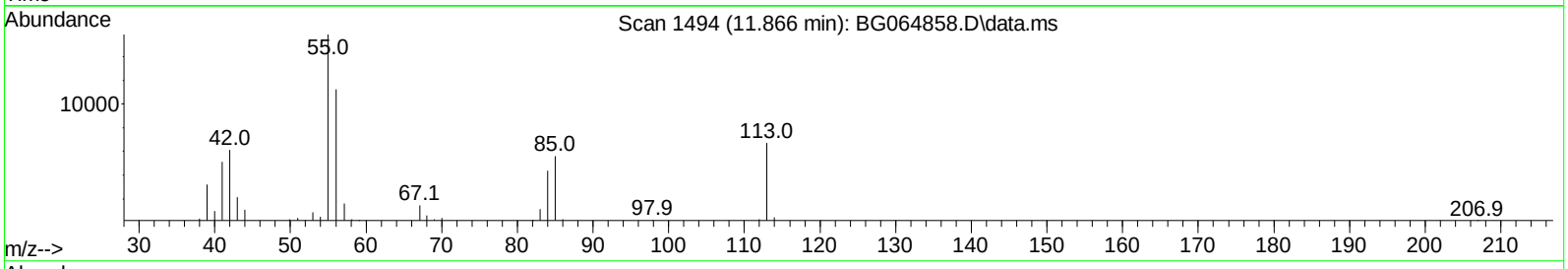
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064858.D
Acq On : 25 Nov 2025 13:09
Operator : RC/JU
Sample : PB170717BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

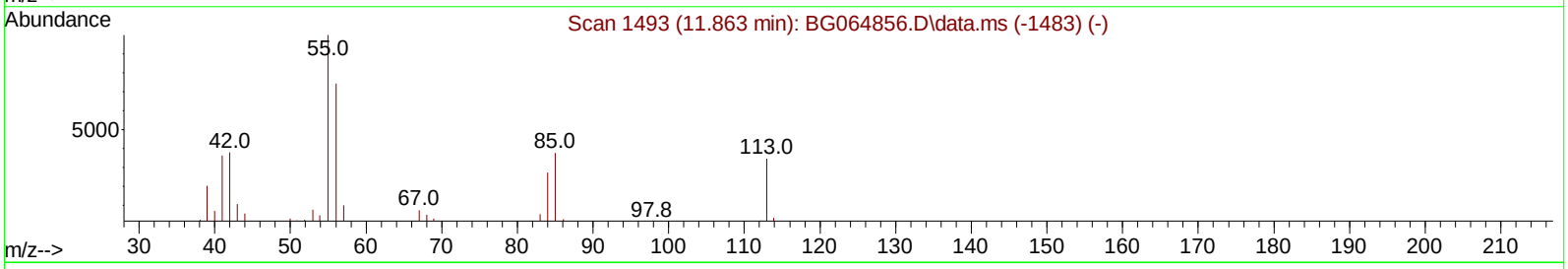
Quant Time: Nov 25 13:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS717

**Manual Integrations APPROVED**
mohammad
12/3/2025 1:12:48 AM




TIC: BG064858.D\data.ms

**(34) Caprolactam**

**11.866min (-0.002) 16.30 ng/ul**

**response 13011**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 234.90 | 235.61 |
| 56.00 | 159.40 | 167.20 |
| 0.00 | 0.00 | 0.00 |

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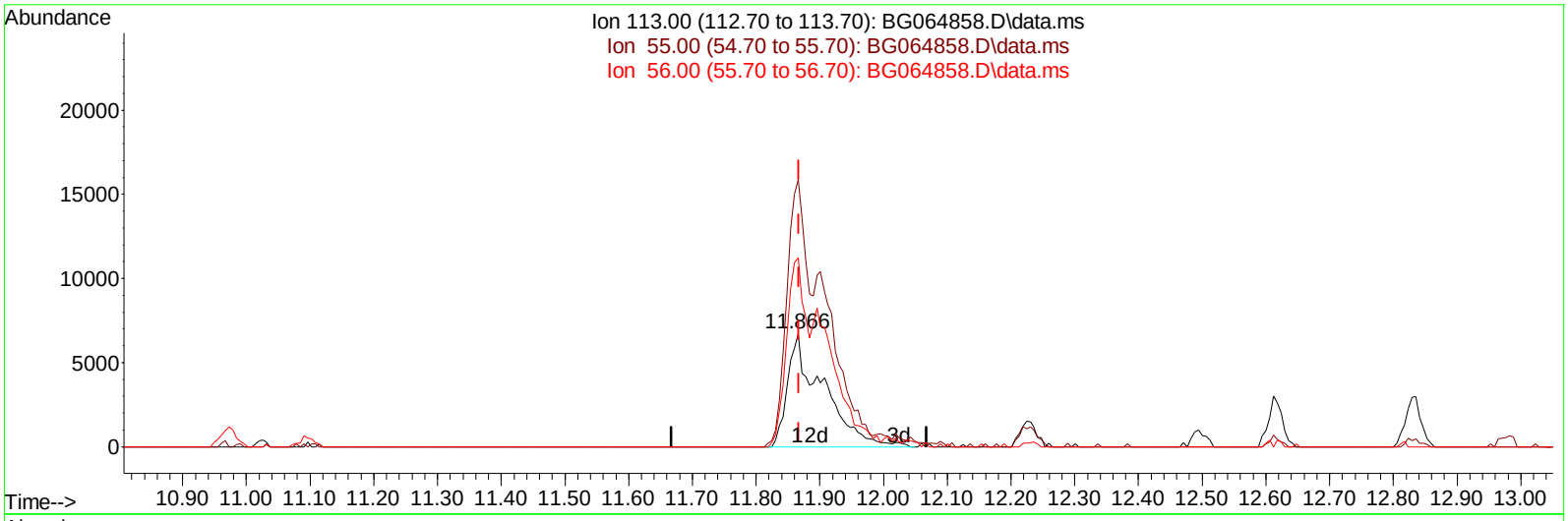


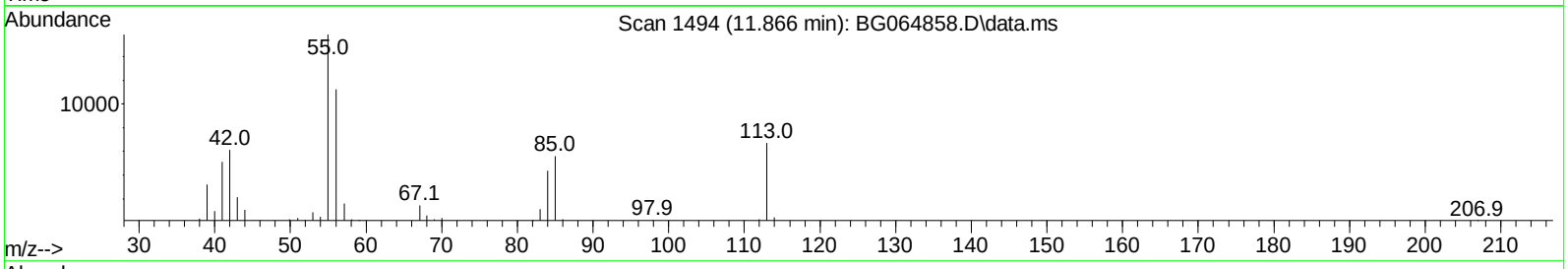


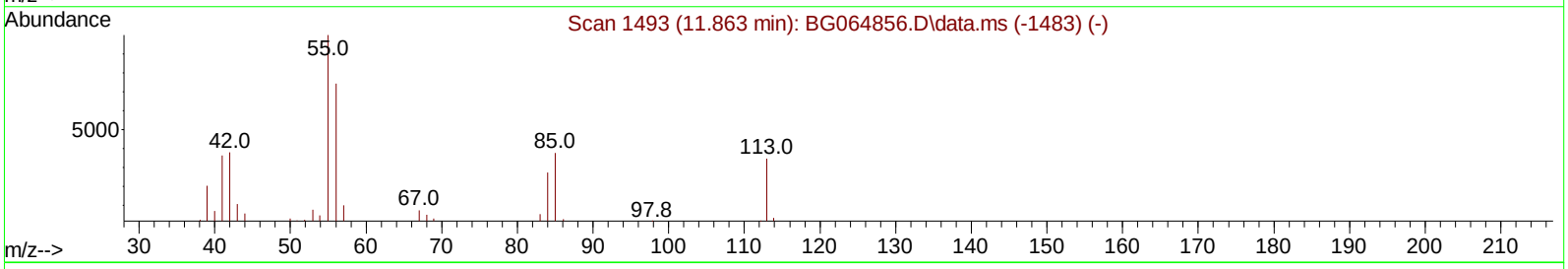


TIC: BG064858.D\data.ms

**(34) Caprolactam**

**11.866min (-0.002) 32.68 ng/ul m**

**response 26079**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 234.90 | 235.61 |
| 56.00 | 159.40 | 167.20 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
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**ClientSampleId :**
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mohammad
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Quant Time: Nov 25 13:56:54 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.158 | 152 | 32091 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.973 | 136 | 132576 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.768 | 164 | 113356 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.495 | 188 | 291078 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.742 | 240 | 373019 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.997 | 264 | 410007 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.482 | 96 | 4843 | 5.982 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.910 | 84 | 66583 | 29.847 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.295 | 99 | 86845 | 33.570 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.471 | 67 | 53351 | 32.246 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.683 | 132 | 71472 | 36.443 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.852 | 113 | 74655 | 33.483 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.316 | 128 | 33299 | 33.301 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.044 | 143 | 41354 | 34.818 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.585 | 165 | 88170 | 36.006 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.096 | 131 | 72219 | 23.073 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.163 | 166 | 301943 | 33.863 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.463 | 160 | 313559 | 32.836 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.939 | 143 | 46985 | 34.756 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.750 | 176 | 263770 | 32.951 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.855 | 200 | 61299 | 32.893 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.594 | 188 | 481781 | 32.756 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.862 | 212 | 628912 | 32.823 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.774 | 264 | 733076 | 33.889 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.517 | 88 | 10077 | 10.760 | ng/uL | 93 |
| 5) Pyridine | 3.928 | 79 | 66578 | 27.257 | ng/ul | 95 |
| 6) Benzaldehyde | 7.277 | 77 | 4753 | 3.741 | ng/ul | 96 |
| 8) Phenol | 7.324 | 94 | 91382 | 33.839 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.559 | 93 | 64746 | 32.420 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.718 | 128 | 69805 | 33.607 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.587 | 108 | 69495 | 32.508 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.670 | 45 | 130263 | 31.067 | ng/ul | 99 |
| 16) Acetophenone | 8.975 | 105 | 114626 | 31.255 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.957 | 70 | 56544 | 32.140 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.916 | 108 | 78727 | 33.566 | ng/ul | 86 |
| 19) Hexachloroethane | 9.257 | 117 | 28555 | 30.805 | ng/ul | 91 |
| 22) Nitrobenzene | 9.357 | 77 | 83848 | 32.647 | ng/ul | 99 |
| 23) Isophorone | 9.886 | 82 | 163121 | 32.421 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.074 | 139 | 40421 | 32.372 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.127 | 107 | 77739 | 28.904 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.362 | 93 | 95219 | 33.746 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.614 | 162 | 80666 | 35.320 | ng/ul | 97 |
| 30) Naphthalene | 11.026 | 128 | 239883 | 31.485 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.126 | 127 | 55002 | 17.265 | ng/ul | 95 |
| 33) Hexachlorobutadiene | 11.314 | 225 | 75135 | 31.364 | ng/ul | 98 |
| 34) Caprolactam | 11.866 | 113 | 26079m | 32.679 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.224 | 107 | 86673 | 34.849 | ng/ul | 94 |

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mohammad
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Quant Time: Nov 25 13:56:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.618 | 142 | 178948 | 31.342 ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.829 | 142 | 178319 | 31.909 ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.976 | 216 | 141157 | 32.412 ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.965 | 237 | 70727 | 23.442 ng/ul | 91 |
| 41) 2,4,6-Trichlorophenol | 13.211 | 196 | 80906 | 33.606 ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.282 | 196 | 88569 | 34.915 ng/ul | 92 |
| 43) 1,1'-Biphenyl | 13.605 | 154 | 256682 | 32.164 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.652 | 162 | 203080 | 32.415 ng/ul | 97 |
| 45) 2-Nitroaniline | 13.840 | 65 | 65666 | 35.258 ng/ul | 92 |
| 47) Dimethylphthalate | 14.210 | 163 | 298138 | 32.764 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.328 | 165 | 58565 | 35.076 ng/ul | 92 |
| 50) Acenaphthylene | 14.492 | 152 | 323800 | 29.638 ng/ul | 98 |
| 51) 3-Nitroaniline | 14.657 | 138 | 47106 | 32.528 ng/ul | 96 |
| 52) Acenaphthene | 14.833 | 153 | 233748 | 32.630 ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.862 | 184 | 34302 | 34.934 ng/ul | 94 |
| 55) 4-Nitrophenol | 14.950 | 109 | 42122 | 33.708 ng/ul | 91 |
| 56) Dibenzofuran | 15.162 | 168 | 352663 | 32.252 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.109 | 165 | 88922 | 35.005 ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.385 | 232 | 91591 | 31.885 ng/ul# | 93 |
| 59) Diethylphthalate | 15.562 | 149 | 292834 | 32.768 ng/ul | 99 |
| 61) Fluorene | 15.808 | 166 | 273717 | 31.913 ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.791 | 204 | 170542 | 32.606 ng/ul | 99 |
| 63) 4-Nitroaniline | 15.808 | 138 | 57465 | 38.540 ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.867 | 198 | 61928 | 34.193 ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 16.002 | 169 | 250229 | 31.988 ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.684 | 248 | 127681 | 32.903 ng/ul | 96 |
| 69) Hexachlorobenzene | 16.807 | 284 | 152460 | 32.385 ng/ul | 98 |
| 70) Atrazine | 16.936 | 200 | 12737 | 3.403 ng/ul | 99 |
| 71) Pentachlorophenol | 17.148 | 266 | 79591 | 30.446 ng/ul | 94 |
| 72) Phenanthrene | 17.536 | 178 | 524028 | 32.196 ng/ul | 98 |
| 74) Anthracene | 17.630 | 178 | 525212 | 32.170 ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.576 | 216 | 142533 | 32.571 ng/ul | 99 |
| 76) Pentachlorobenzene | 15.086 | 250 | 159450 | 32.072 ng/ul | 96 |
| 77) Carbazole | 17.888 | 167 | 443485 | 33.310 ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.440 | 149 | 529656 | 34.394 ng/ul | 99 |
| 80) Fluoranthene | 19.533 | 202 | 691905 | 32.238 ng/ul | 98 |
| 82) Pyrene | 19.892 | 202 | 737852 | 32.937 ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.761 | 149 | 243350 | 32.894 ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.631 | 252 | 244159 | 30.737 ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.725 | 228 | 816239 | 32.639 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.625 | 149 | 356416 | 32.575 ng/ul | 97 |
| 87) Chrysene | 21.789 | 228 | 781092 | 32.269 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.841 | 149 | 632721 | 33.864 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.963 | 252 | 825273 | 32.692 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.028 | 252 | 840503 | 32.539 ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.845 | 252 | 777777 | 32.395 ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.717 | 276 | 1013456 | 32.856 ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.775 | 278 | 827061 | 33.237 ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.880 | 276 | 788755 | 31.680 ng/ul | 98 |

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

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