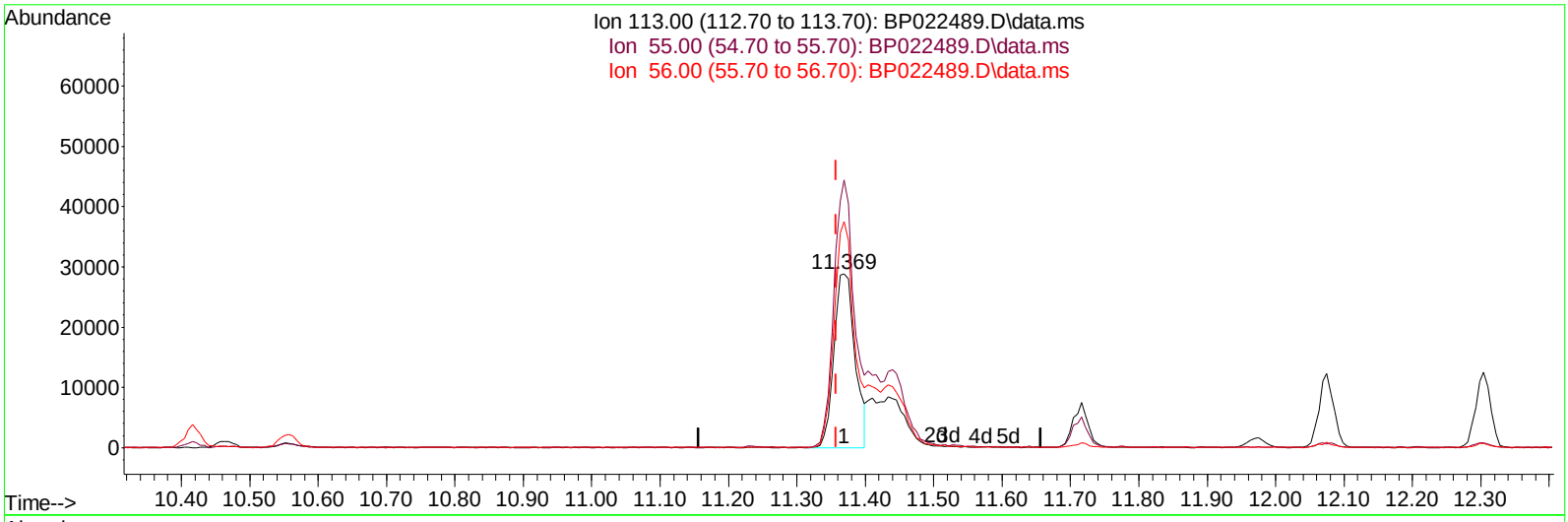
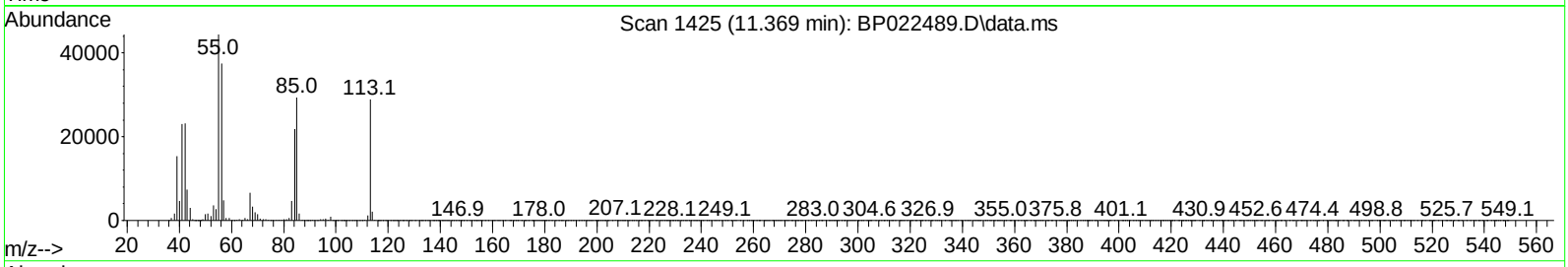
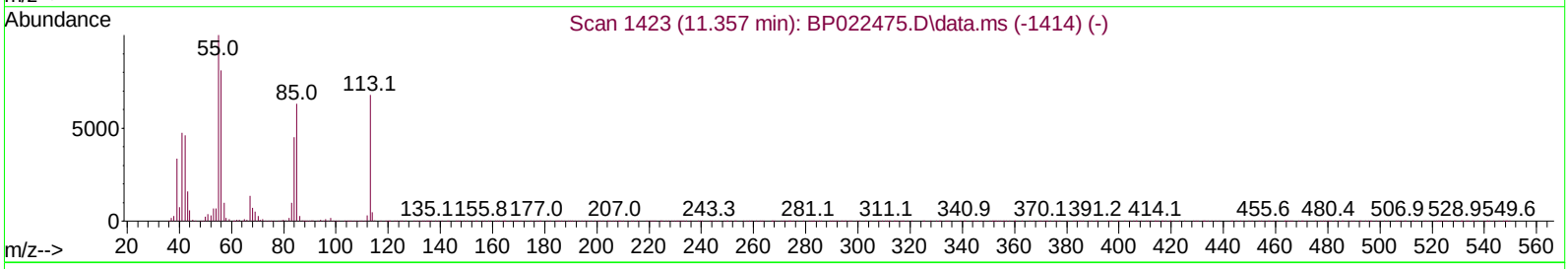
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022489.D
Acq On : 19 Oct 2024 23:43
Operator : RC/JU
Sample : PB164171BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 21 02:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration




TIC: BP022489.D\data.ms

**(34) Caprolactam**

**11.369min (+ 0.012) 20.94 ng/ul**

**response 61747**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 153.90 |
| 56.00 | 130.00 | 130.05 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 21 02:55:04 2024
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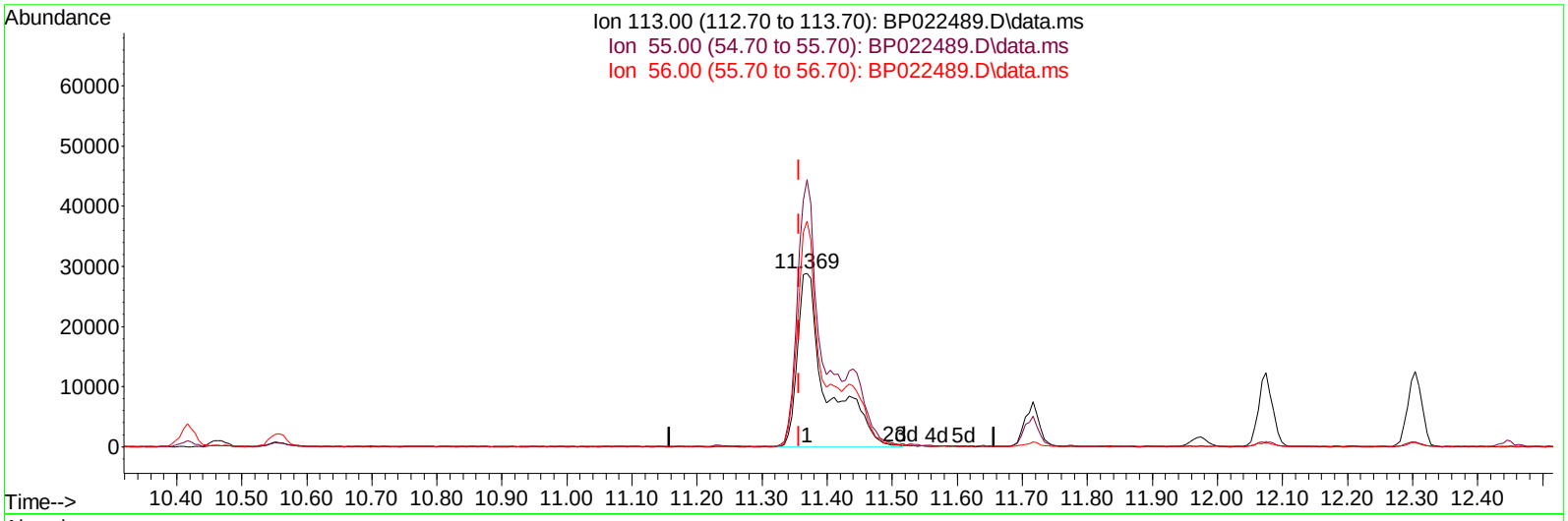
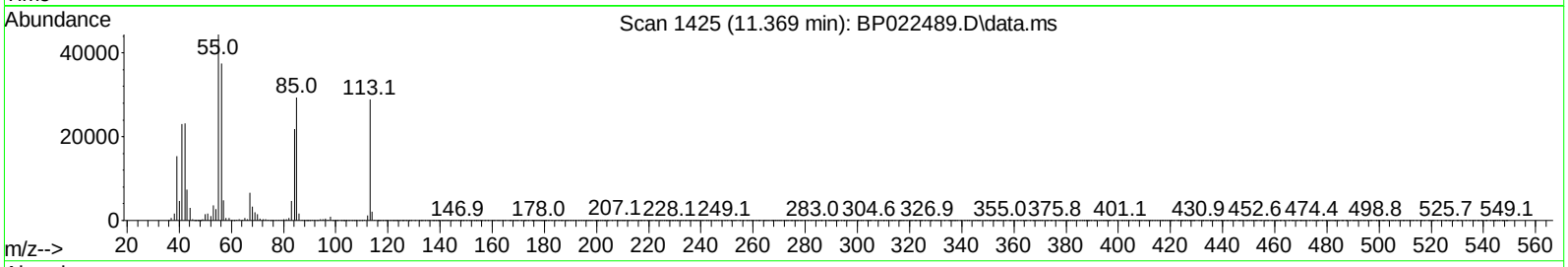
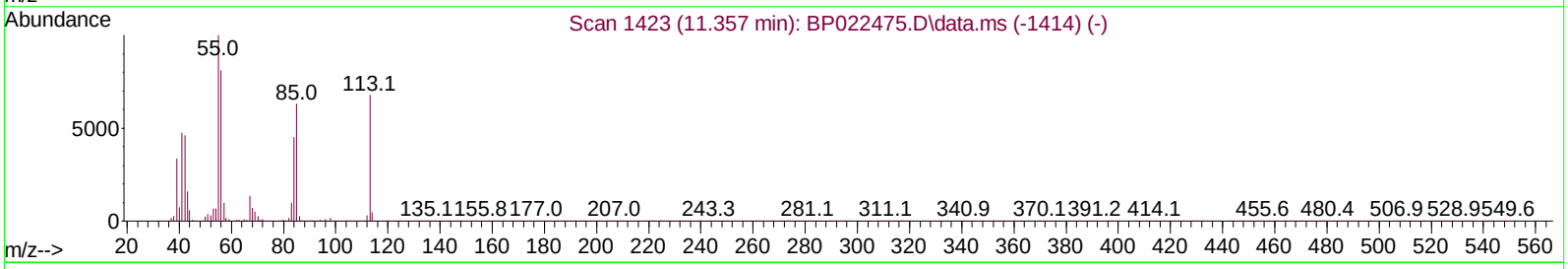
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration




TIC: BP022489.D\data.ms

**(34) Caprolactam**

**11.369min (+ 0.012) 31.12 ng/ul m**

**response 91766**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 153.90 |
| 56.00 | 130.00 | 130.05 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022489.D
Acq On : 19 Oct 2024 23:43
Operator : RC/JU
Sample : PB164171BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 21 02:55:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.663 | 152 | 117550 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.416 | 136 | 490878 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.269 | 164 | 415767 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.081 | 188 | 1010328 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.504 | 240 | 820082 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.768 | 264 | 816910 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 15338 | 5.070 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.605 | 84 | 234179 | 28.200 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.852 | 99 | 323933 | 32.737 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.005 | 67 | 172227 | 29.614 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 235569 | 33.551 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 272767 | 34.542 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.805 | 128 | 116237 | 30.796 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.516 | 143 | 145930 | 33.396 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.052 | 165 | 321411 | 34.607 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 317122 | 28.897 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.692 | 166 | 1023755 | 30.991 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 13.969 | 160 | 1073078 | 30.585 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.504 | 143 | 159250 | 28.736 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.287 | 176 | 879427 | 30.693 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.434 | 200 | 207033 | 31.157 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.181 | 188 | 1439129 | 30.279 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.563 | 212 | 1670922 | 38.529 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.533 | 264 | 1395441 | 31.986 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 31800 | 9.777 | ng/uL | 98 |
| 5) Pyridine | 3.622 | 79 | 233934 | 27.474 | ng/ul | 95 |
| 6) Benzaldehyde | 6.822 | 77 | 52803 | 9.875 | ng/ul | 97 |
| 8) Phenol | 6.881 | 94 | 335391 | 32.578 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.093 | 93 | 233910 | 30.359 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.234 | 128 | 240844 | 33.172 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.105 | 108 | 248076 | 33.204 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.175 | 45 | 267456 | 29.869 | ng/ul | 98 |
| 16) Acetophenone | 8.475 | 105 | 411807 | 31.588 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.463 | 70 | 219828 | 33.282 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.434 | 108 | 278917 | 33.652 | ng/ul | 96 |
| 19) Hexachloroethane | 8.722 | 117 | 103409 | 30.582 | ng/ul | 100 |
| 22) Nitrobenzene | 8.846 | 77 | 323704 | 28.732 | ng/ul | 99 |
| 23) Isophorone | 9.369 | 82 | 627802 | 31.079 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.546 | 139 | 150140 | 31.881 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.610 | 107 | 307257 | 30.017 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.840 | 93 | 355138 | 30.963 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 314414 | 34.378 | ng/ul | 99 |
| 30) Naphthalene | 10.469 | 128 | 774616 | 29.627 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.581 | 127 | 184787 | 17.058 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.746 | 225 | 238510 | 30.942 | ng/ul | 98 |
| 34) Caprolactam | 11.369 | 113 | 91766m | 31.122 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.716 | 107 | 346073 | 34.681 | ng/ul | 98 |

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.075 | 142 | 605311 | 31.540 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.304 | 142 | 606487 | 30.961 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.451 | 216 | 457189 | 29.739 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.428 | 237 | 174354 | 18.615 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.704 | 196 | 311987 | 32.263 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.775 | 196 | 336957 | 32.725 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.098 | 154 | 889472 | 29.681 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.140 | 162 | 728381 | 29.691 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.351 | 65 | 222751 | 30.409 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.740 | 163 | 1025535 | 31.156 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.851 | 165 | 211599 | 33.986 | ng/ul | 94 |
| 50) Acenaphthylene | 13.998 | 152 | 1071122 | 29.416 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.187 | 138 | 176147 | 30.123 | ng/ul | 98 |
| 52) Acenaphthene | 14.334 | 153 | 770815 | 29.936 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.410 | 184 | 133408 | 29.123 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.516 | 109 | 180281 | 29.311 | ng/ul | 98 |
| 56) Dibenzofuran | 14.681 | 168 | 1174855 | 30.375 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.651 | 165 | 318922 | 32.964 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.916 | 232 | 318166 | 33.105 | ng/ul | 100 |
| 59) Diethylphthalate | 15.122 | 149 | 1018045 | 32.237 | ng/ul | 99 |
| 61) Fluorene | 15.334 | 166 | 961661 | 30.515 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.328 | 204 | 559992 | 31.073 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.369 | 138 | 193262 | 32.844 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.445 | 198 | 219529 | 30.672 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.551 | 169 | 836085 | 30.902 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.251 | 248 | 396777 | 32.566 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.369 | 284 | 484401 | 32.300 | ng/ul | 98 |
| 70) Atrazine | 16.539 | 200 | 385002 | 34.234 | ng/ul | 95 |
| 71) Pentachlorophenol | 16.728 | 266 | 309461 | 32.092 | ng/ul | 95 |
| 72) Phenanthrene | 17.128 | 178 | 1617686 | 29.927 | ng/ul | 99 |
| 74) Anthracene | 17.216 | 178 | 1592242 | 29.518 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.069 | 216 | 463380 | 30.122 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.592 | 250 | 518237 | 30.474 | ng/uL | 98 |
| 77) Carbazole | 17.504 | 167 | 1379450 | 28.901 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.086 | 149 | 1727665 | 32.713 | ng/ul | 99 |
| 80) Fluoranthene | 19.210 | 202 | 1961346 | 39.340 | ng/ul | 99 |
| 82) Pyrene | 19.592 | 202 | 2014850 | 37.706 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 711785 | 38.259 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.410 | 252 | 583969 | 29.872 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.486 | 228 | 1784664 | 31.043 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.416 | 149 | 986768 | 36.951 | ng/ul | 100 |
| 87) Chrysene | 21.551 | 228 | 1626819 | 30.518 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.657 | 149 | 1425594 | 36.688 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.733 | 252 | 1692912 | 32.922 | ng/ul# | 99 |
| 91) Benzo(k)fluoranthene | 23.804 | 252 | 1621226 | 32.203 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.610 | 252 | 1461967 | 30.891 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.468 | 276 | 1879487 | 29.760 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.539 | 278 | 1508066 | 29.489 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 29.603 | 276 | 1459075 | 29.703 | ng/ul | 100 |

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

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