Quantitation Report (Qedit)

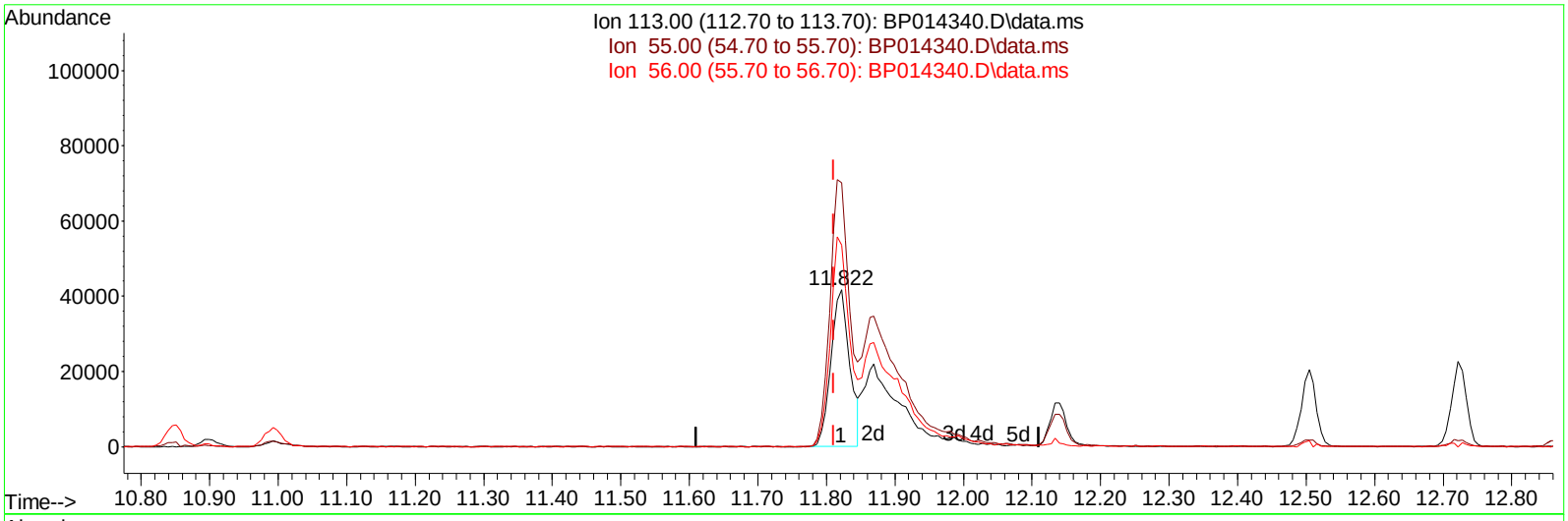
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014340.D
Acq On : 28 Mar 2023 13:02
Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

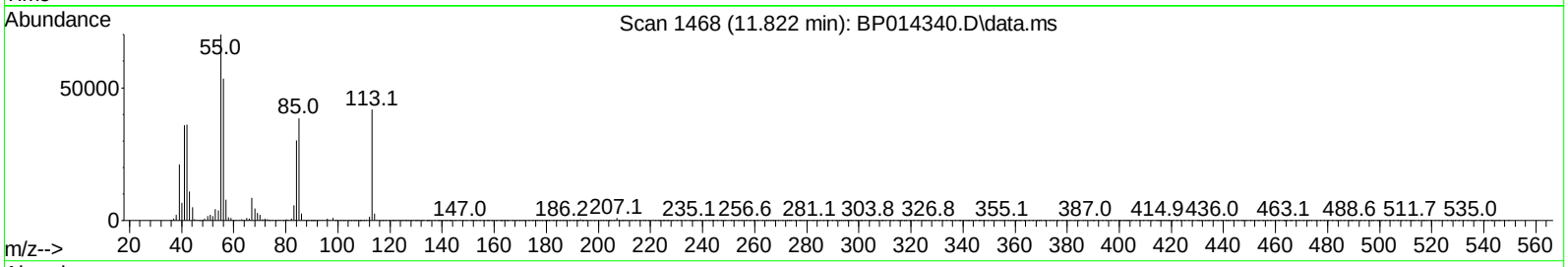
Quant Time: Mar 29 01:00:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 00:54:55 2023
Response via : Initial Calibration

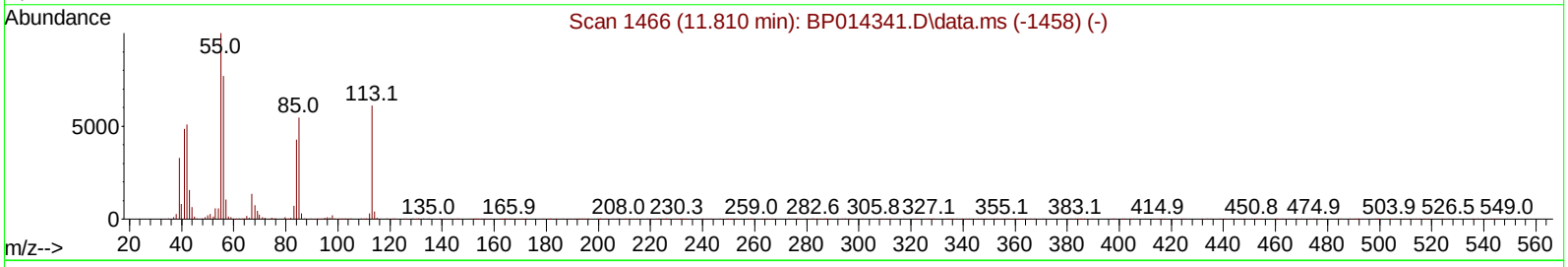
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040627

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023




TIC: BP014340.D\data.ms

**(34) Caprolactam**

**11.822min (+ 0.012) 23.50 ng/ul**

**response 79646**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 164.00 | 168.04 |
| 56.00 | 126.40 | 128.41 |
| 0.00 | 0.00 | 0.00 |

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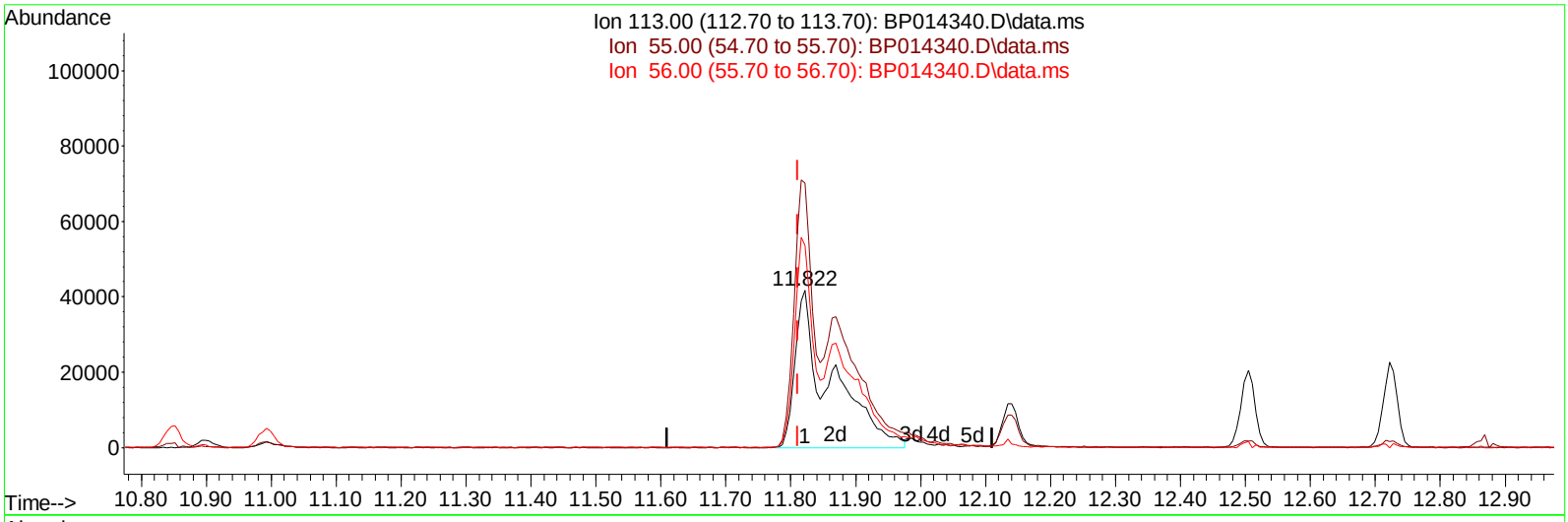


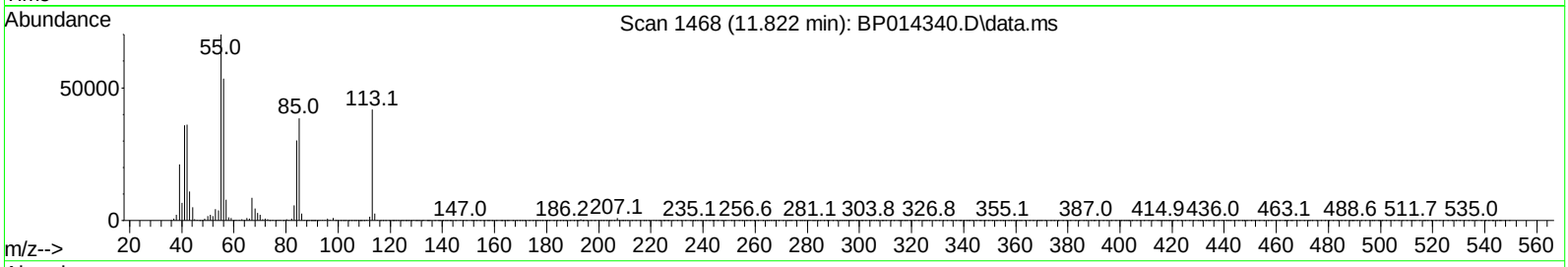


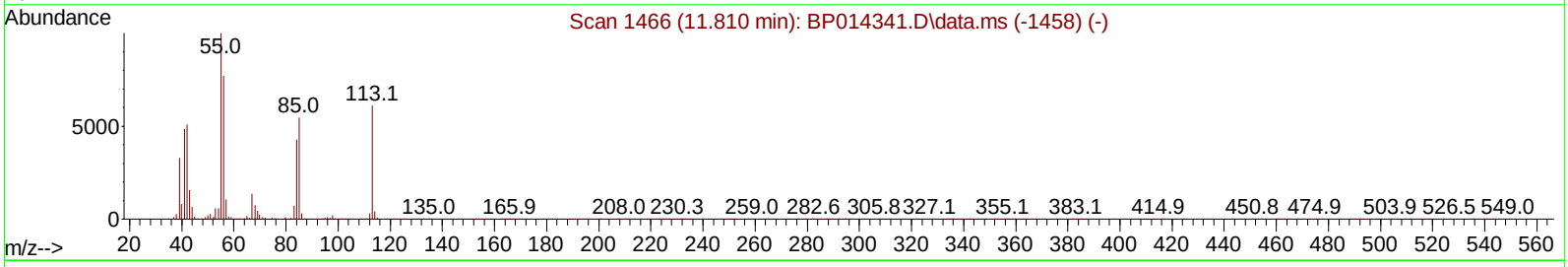


TIC: BP014340.D\data.ms

**(34) Caprolactam**

**11.822min (+ 0.012) 46.83 ng/ul m**

**response 158729**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 164.00 | 168.04 |
| 56.00 | 126.40 | 128.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 00:54:55 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040627

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.022 | 152 | 168806 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.851 | 136 | 708273 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.681 | 164 | 467010 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.439 | 188 | 1041509 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.527 | 240 | 925834 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.051 | 264 | 796632 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 69032 | 15.859 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 462790 | 41.813 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.181 | 99 | 639161 | 41.056 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.352 | 67 | 408246 | 40.871 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.552 | 132 | 471630 | 41.915 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.746 | 113 | 523617 | 41.697 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.204 | 128 | 249110 | 43.568 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.928 | 143 | 290783 | 44.413 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.469 | 165 | 504175 | 42.283 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.993 | 131 | 677898 | 43.161 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.087 | 166 | 1592457 | 42.055 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.375 | 160 | 1772311 | 42.182 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.892 | 143 | 272386 | 47.616 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.675 | 176 | 1322310 | 41.875 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.804 | 200 | 323692 | 42.238 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.539 | 188 | 2083525 | 41.336 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.769 | 212 | 2405172 | 38.676 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.892 | 264 | 1790890 | 42.313 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.428 | 88 | 76466 | 15.985 | ng/uL | 98 |
| 5) Pyridine | 3.846 | 79 | 482525 | 40.603 | ng/ul | 97 |
| 6) Benzaldehyde | 7.163 | 77 | 332788 | 43.542 | ng/ul | 97 |
| 8) Phenol | 7.210 | 94 | 665623 | 41.216 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.446 | 93 | 531378 | 40.944 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.587 | 128 | 483104 | 41.251 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.475 | 108 | 495863 | 41.171 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.557 | 45 | 696207 | 40.860 | ng/ul | 99 |
| 16) Acetophenone | 8.863 | 105 | 870096 | 41.960 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.846 | 70 | 474819 | 42.385 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.810 | 108 | 552507 | 41.771 | ng/ul | 100 |
| 19) Hexachloroethane | 9.110 | 117 | 213102 | 41.645 | ng/ul | 96 |
| 22) Nitrobenzene | 9.246 | 77 | 702406 | 42.762 | ng/ul | 99 |
| 23) Isophorone | 9.775 | 82 | 1319066 | 43.564 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.963 | 139 | 296304 | 42.877 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 10.016 | 107 | 652015 | 42.354 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.251 | 93 | 754523 | 41.564 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.498 | 162 | 493298 | 42.038 | ng/ul | 96 |
| 30) Naphthalene | 10.898 | 128 | 1622978 | 41.138 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.016 | 127 | 695940 | 43.748 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.175 | 225 | 373558 | 40.182 | ng/ul | 98 |
| 34) Caprolactam | 11.822 | 113 | 158729m | 46.834 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.140 | 107 | 628877 | 43.571 | ng/ul | 97 |

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Operator : CG/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 01:00:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 00:54:55 2023
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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040627

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.504 | 142 | 1091963 | 40.841 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.722 | 142 | 1084255 | 40.890 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.869 | 216 | 677654 | 40.698 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.840 | 237 | 422432 | 39.176 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.110 | 196 | 435683 | 42.331 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.192 | 196 | 468878 | 42.745 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.510 | 154 | 1517828 | 40.228 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.557 | 162 | 1196559 | 40.109 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.769 | 65 | 420188 | 45.730 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.134 | 163 | 1577203 | 41.659 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.263 | 165 | 332782 | 44.989 | ng/ul | 98 |
| 50) Acenaphthylene | 14.404 | 152 | 1869461 | 41.778 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.598 | 138 | 320290 | 48.333 | ng/ul | 98 |
| 52) Acenaphthene | 14.745 | 153 | 1299252 | 41.089 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.804 | 184 | 221920 | 46.329 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.904 | 109 | 274149 | 48.559 | ng/ul | 96 |
| 56) Dibenzofuran | 15.081 | 168 | 1805791 | 40.625 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.051 | 165 | 479837 | 45.732 | ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.304 | 232 | 427965 | 43.410 | ng/ul | 98 |
| 59) Diethylphthalate | 15.492 | 149 | 1602065 | 42.582 | ng/ul | 98 |
| 61) Fluorene | 15.733 | 166 | 1488463 | 41.312 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.722 | 204 | 793184 | 40.976 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.769 | 138 | 257864 | 50.031 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.816 | 198 | 313559 | 42.220 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.939 | 169 | 1276532 | 39.393 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.622 | 248 | 512259 | 39.526 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.739 | 284 | 588800 | 39.552 | ng/ul | 98 |
| 70) Atrazine | 16.898 | 200 | 508534 | 43.110 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.086 | 266 | 358091 | 41.522 | ng/ul | 99 |
| 72) Phenanthrene | 17.486 | 178 | 2369619 | 40.895 | ng/ul | 99 |
| 74) Anthracene | 17.575 | 178 | 2355910 | 40.341 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.475 | 216 | 689258 | 37.596 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.998 | 250 | 695949 | 38.045 | ng/uL | 99 |
| 77) Carbazole | 17.851 | 167 | 2076281 | 42.484 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.375 | 149 | 2787098 | 45.355 | ng/ul | 100 |
| 80) Fluoranthene | 19.445 | 202 | 2859959 | 38.896 | ng/ul | 99 |
| 82) Pyrene | 19.798 | 202 | 2908045 | 37.882 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.651 | 149 | 1199825 | 45.375 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.439 | 252 | 844508 | 41.244 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.510 | 228 | 2716951 | 41.412 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 1647927 | 45.574 | ng/ul | 99 |
| 87) Chrysene | 21.568 | 228 | 2549226 | 41.151 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.374 | 149 | 2532186 | 48.981 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.274 | 252 | 2356589 | 43.801 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.327 | 252 | 2245287 | 42.968 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.945 | 252 | 1952654 | 42.164 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.709 | 276 | 2281567 | 35.810 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.721 | 278 | 1915587 | 35.910 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.527 | 276 | 1800320 | 34.665 | ng/ul | 98 |

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

**Instrument :**
BNA_P
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014340.D
Acq On : 28 Mar 2023 13:02
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Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

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