Quantitation Report (Qedit)

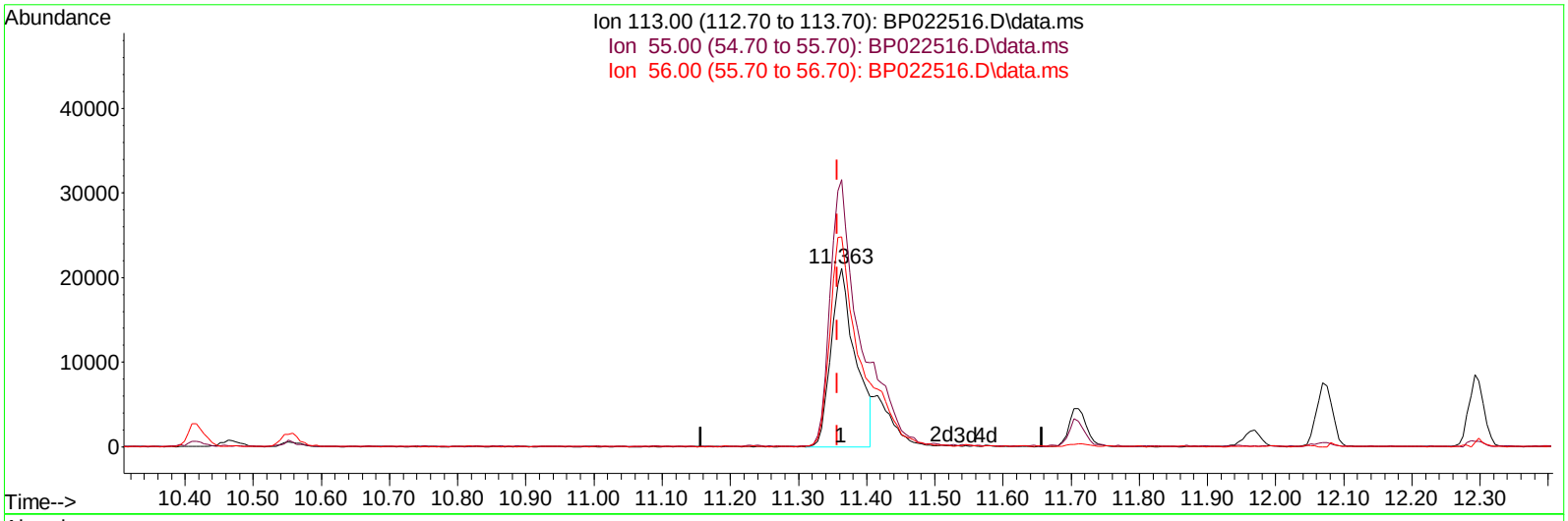
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

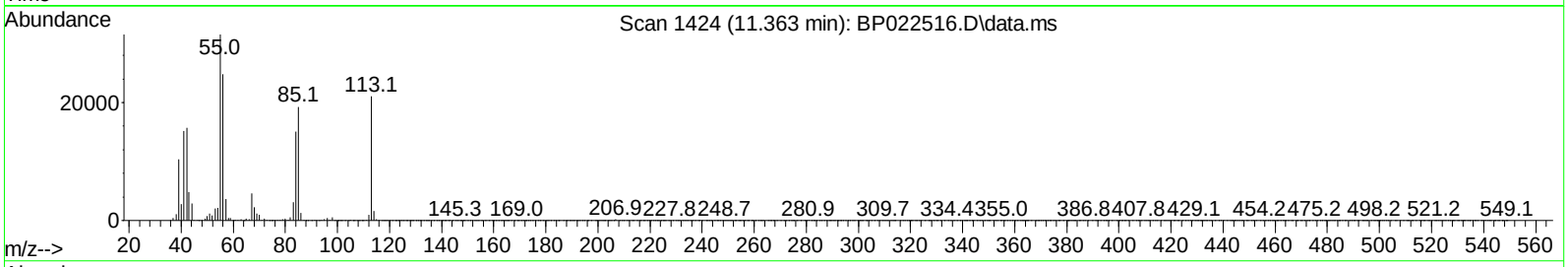
Quant Time: Oct 22 01:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

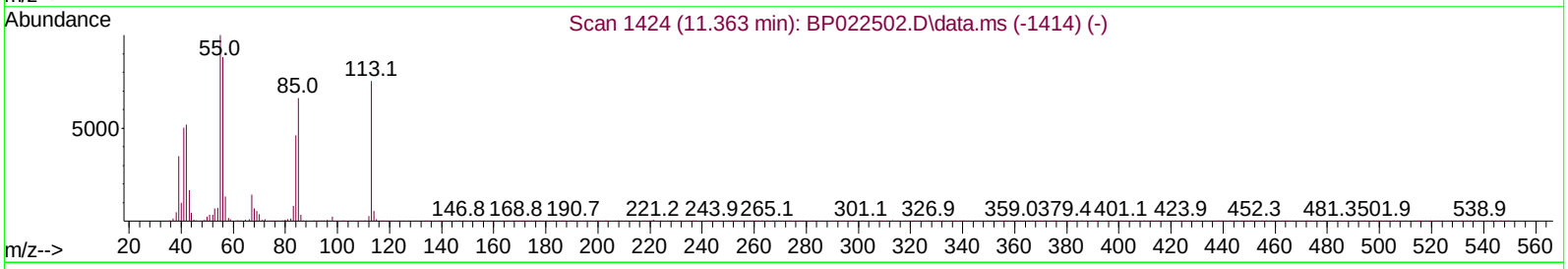
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024




TIC: BP022516.D\data.ms

**(34) Caprolactam**

**11.363min (+ 0.006) 23.62 ng/ul**

**response 52059**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 149.66 |
| 56.00 | 130.00 | 117.79 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

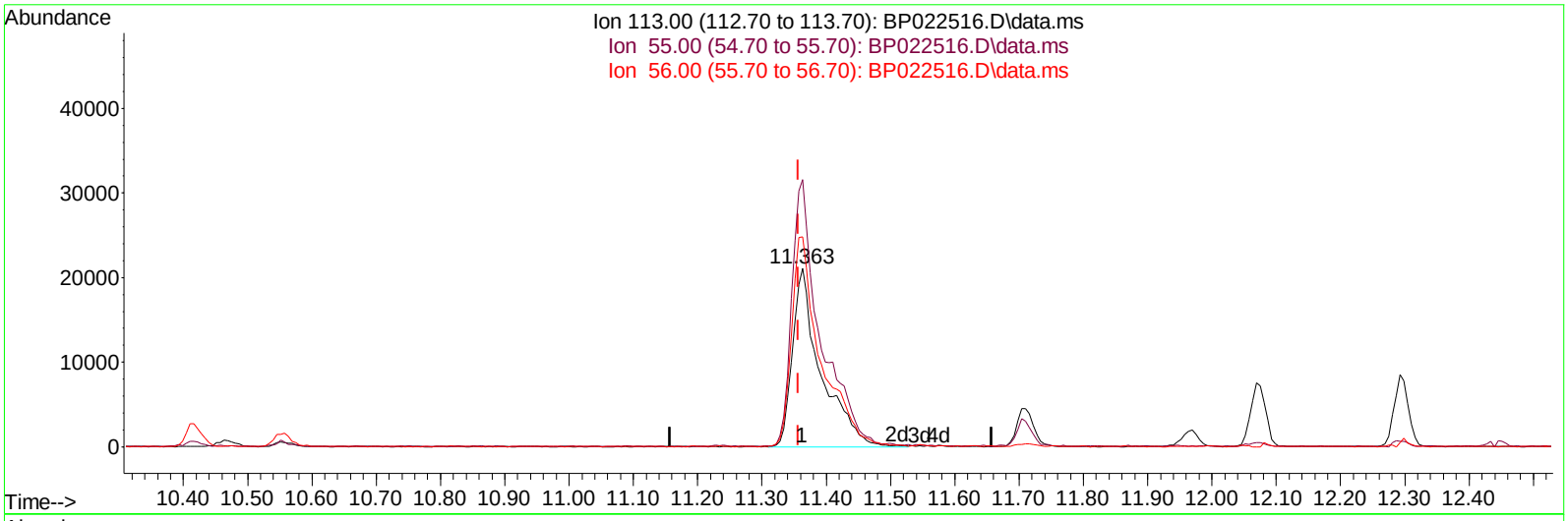
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

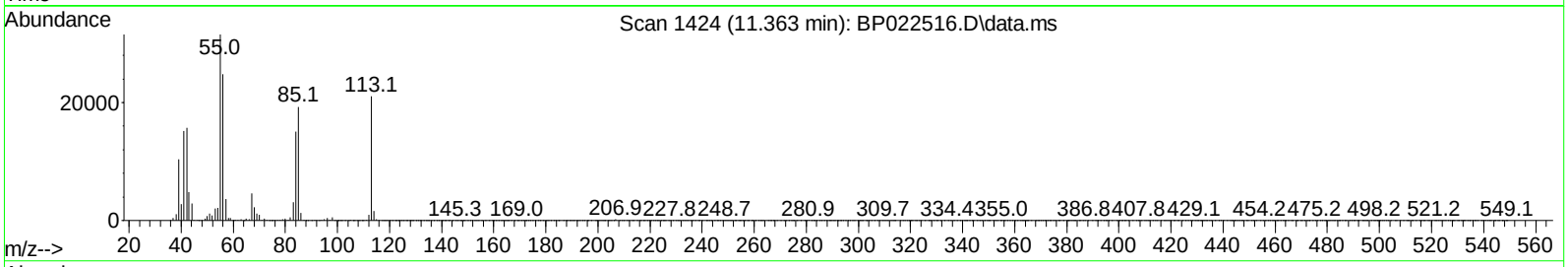
Quant Time: Oct 22 01:47:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

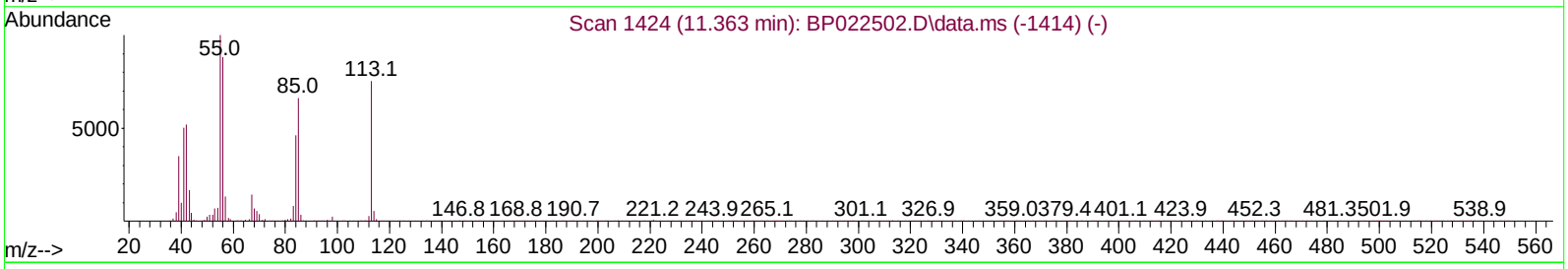
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024




TIC: BP022516.D\data.ms

**(34) Caprolactam**

**11.363min (+ 0.006) 29.35 ng/ul m**

**response 64678**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 149.66 |
| 56.00 | 130.00 | 117.79 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 01:48:38 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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.663 | 152 | 91004 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.416 | 136 | 366926 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.275 | 164 | 297916 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.075 | 188 | 739749 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.516 | 240 | 753931 | 20.000 | ng/ul | 0.02 |
| 88) Perylene-d12 | 24.774 | 264 | 853306 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 11363 | 4.852 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.605 | 84 | 175633 | 27.319 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.858 | 99 | 240997 | 31.460 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.005 | 67 | 128416 | 28.522 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 175768 | 32.336 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 197006 | 32.225 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.805 | 128 | 86103 | 30.519 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.516 | 143 | 104342 | 31.945 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.052 | 165 | 221055 | 31.842 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 226033 | 27.555 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.681 | 166 | 706855 | 29.863 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 753607 | 29.976 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.492 | 143 | 114665 | 28.876 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.275 | 176 | 609488 | 29.687 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200 | 135456 | 27.842 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.181 | 188 | 1010133 | 29.027 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.551 | 212 | 1267741 | 31.797 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.551 | 264 | 1404596 | 30.822 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 24261 | 9.635 | ng/uL | 96 |
| 5) Pyridine | 3.622 | 79 | 173024 | 26.248 | ng/ul | 93 |
| 6) Benzaldehyde | 6.822 | 77 | 34526 | 8.340 | ng/ul | 98 |
| 8) Phenol | 6.881 | 94 | 241641 | 30.319 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.099 | 93 | 171387 | 28.733 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.240 | 128 | 175089 | 31.150 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.105 | 108 | 179564 | 31.045 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.169 | 45 | 193287 | 27.882 | ng/ul | 99 |
| 16) Acetophenone | 8.475 | 105 | 292163 | 28.948 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.457 | 70 | 153045 | 29.930 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.428 | 108 | 195963 | 30.540 | ng/ul | 98 |
| 19) Hexachloroethane | 8.722 | 117 | 74903 | 28.614 | ng/ul | 93 |
| 22) Nitrobenzene | 8.846 | 77 | 234535 | 27.850 | ng/ul | 98 |
| 23) Isophorone | 9.363 | 82 | 433281 | 28.695 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.546 | 139 | 105692 | 30.024 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.610 | 107 | 226110 | 29.552 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 9.834 | 93 | 243866 | 28.444 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 213540 | 31.236 | ng/ul | 99 |
| 30) Naphthalene | 10.469 | 128 | 561706 | 28.741 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.581 | 127 | 140757 | 17.383 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.746 | 225 | 165217 | 28.674 | ng/ul | 98 |
| 34) Caprolactam | 11.363 | 113 | 64678m | 29.346 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 233514 | 31.306 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 01:48:38 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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.069 | 142 | 424996 | 29.625 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.298 | 142 | 417951 | 28.544 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.445 | 216 | 314709 | 28.569 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.422 | 237 | 125459 | 18.693 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.693 | 196 | 210262 | 30.345 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.769 | 196 | 230154 | 31.195 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.093 | 154 | 614623 | 28.622 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.134 | 162 | 507855 | 28.891 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.351 | 65 | 152040 | 28.966 | ng/ul | 93 |
| 47) Dimethylphthalate | 13.728 | 163 | 676126 | 28.666 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.845 | 165 | 140730 | 31.545 | ng/ul | 99 |
| 50) Acenaphthylene | 13.992 | 152 | 739525 | 28.343 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.181 | 138 | 116397 | 27.779 | ng/ul | 99 |
| 52) Acenaphthene | 14.339 | 153 | 531065 | 28.784 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.410 | 184 | 90411 | 27.544 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.510 | 109 | 125408 | 28.455 | ng/ul | 98 |
| 56) Dibenzofuran | 14.681 | 168 | 798904 | 28.826 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 216750 | 31.266 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.904 | 232 | 211360 | 30.692 | ng/ul | 98 |
| 59) Diethylphthalate | 15.110 | 149 | 667986 | 29.520 | ng/ul | 98 |
| 61) Fluorene | 15.345 | 166 | 652728 | 28.905 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.339 | 204 | 369451 | 28.609 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.375 | 138 | 139406 | 33.064 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.439 | 198 | 143522 | 27.387 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.545 | 169 | 564385 | 28.490 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.239 | 248 | 258685 | 28.998 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.369 | 284 | 320126 | 29.154 | ng/ul | 98 |
| 70) Atrazine | 16.522 | 200 | 254735 | 30.935 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.722 | 266 | 202268 | 28.648 | ng/ul | 99 |
| 72) Phenanthrene | 17.122 | 178 | 1126812 | 28.471 | ng/ul | 99 |
| 74) Anthracene | 17.216 | 178 | 1128526 | 28.573 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 313419 | 27.826 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.592 | 250 | 343115 | 27.556 | ng/uL | 99 |
| 77) Carbazole | 17.504 | 167 | 972943 | 27.840 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.080 | 149 | 1145615 | 29.626 | ng/ul | 100 |
| 80) Fluoranthene | 19.204 | 202 | 1428377 | 31.164 | ng/ul | 99 |
| 82) Pyrene | 19.586 | 202 | 1508122 | 30.699 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 536224 | 31.352 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.410 | 252 | 506775 | 28.198 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.492 | 228 | 1514799 | 28.660 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.416 | 149 | 752816 | 30.664 | ng/ul | 100 |
| 87) Chrysene | 21.557 | 228 | 1401716 | 28.602 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.657 | 149 | 1275752 | 31.431 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.739 | 252 | 1599224 | 29.774 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.804 | 252 | 1552565 | 29.523 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.615 | 252 | 1427575 | 28.878 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.468 | 276 | 1922055 | 29.136 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 28.545 | 278 | 1538857 | 28.807 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.609 | 276 | 1482016 | 28.883 | ng/ul | 100 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022516.D
Acq On : 21 Oct 2024 22:13
Operator : RC/JU
Sample : PB164283BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 01:48:38 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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS283

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024