Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141801.D
Acq On : 27 Feb 2025 19:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF022725

Quant Time: Feb 28 01:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 336406 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 1367272 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 753741 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 1211382 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 696919 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 634238 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 1736670 | 82.443 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 2276751 | 83.039 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 2025812 | 94.707 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 596677 | 84.321 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 3570541 | 75.957 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 3534753 | 82.060 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.681 | 88 | 396533 | 41.486 | ng | | 100 |
| 3) Pyridine | 3.446 | 79 | 1012428 | 42.572 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.404 | 42 | 498621 | 43.575 | ng | | 99 |
| 6) Aniline | 6.557 | 93 | 1221626 | 42.857 | ng | | 100 |
| 8) 2-Chlorophenol | 6.675 | 128 | 957321 | 42.011 | ng | | 100 |
| 9) Benzaldehyde | 6.440 | 77 | 696694 | 43.684 | ng | | 99 |
| 10) Phenol | 6.528 | 94 | 1219216 | 41.614 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 932690 | 41.763 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 1012705 | 41.498 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 1009763 | 41.066 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 938112 | 40.857 | ng | | 100 |
| 15) Benzyl Alcohol | 7.028 | 79 | 932679 | 42.564 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 1447535 | 42.679 | ng | | 99 |
| 17) 2-Methylphenol | 7.134 | 107 | 796850 | 42.365 | ng | | 100 |
| 18) Hexachloroethane | 7.404 | 117 | 389901 | 42.366 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 748423 | 41.525 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 979968 | 41.840 | ng | # | 85 |
| 22) Acetophenone | 7.298 | 105 | 1345874 | 40.417 | ng | | 98 |
| 24) Nitrobenzene | 7.475 | 77 | 1047974 | 45.751 | ng | | 100 |
| 25) Isophorone | 7.710 | 82 | 1881562 | 40.944 | ng | | 99 |
| 26) 2-Nitrophenol | 7.787 | 139 | 462297 | 45.447 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 708317 | 41.931 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 1183035 | 40.357 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 821536 | 42.157 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 870339 | 40.757 | ng | | 100 |
| 31) Naphthalene | 8.192 | 128 | 2800645 | 39.854 | ng | | 100 |
| 32) Benzoic acid | 7.939 | 122 | 635541 | 45.545 | ng | | 99 |
| 33) 4-Chloroaniline | 8.239 | 127 | 1033113 | 40.096 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 544620 | 41.042 | ng | | 99 |
| 35) Caprolactam | 8.616 | 113 | 256209 | 42.737 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 905842 | 41.844 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.881 | 142 | 1830313 | 39.710 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.981 | 142 | 1752937 | 39.635 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 872629 | 40.086 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 354082 | 38.975 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 592786 | 42.156 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141801.D
Acq On : 27 Feb 2025 19:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF022725

Quant Time: Feb 28 01:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 582125 | 41.806 | ng | | 100 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 2229687 | 38.864 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 1663643 | 39.288 | ng | | 100 |
| 48) 2-Nitroaniline | 9.463 | 65 | 514104 | 44.684 | ng | | 99 |
| 49) Acenaphthylene | 9.792 | 152 | 2533613 | 39.907 | ng | | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 2031698 | 40.250 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 425445 | 44.292 | ng | | 97 |
| 52) Acenaphthene | 9.963 | 154 | 1734464 | 40.488 | ng | | 99 |
| 53) 3-Nitroaniline | 9.881 | 138 | 449174 | 43.938 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 176378 | 47.494 | ng | # | 1 |
| 55) Dibenzofuran | 10.133 | 168 | 2456099 | 39.391 | ng | | 100 |
| 56) 4-Nitrophenol | 10.022 | 139 | 370704 | 49.725 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 536914 | 45.704 | ng | | 99 |
| 58) Fluorene | 10.475 | 166 | 1800318 | 38.547 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 515976 | 42.607 | ng | | 100 |
| 60) Diethylphthalate | 10.351 | 149 | 2018830 | 39.896 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 901998 | 38.546 | ng | | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 421232 | 48.866 | ng | | 99 |
| 63) Azobenzene | 10.628 | 77 | 2141198 | 40.188 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 256241 | 45.441 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 1608263 | 40.431 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 574667 | 40.614 | ng | | 99 |
| 68) Hexachlorobenzene | 11.022 | 284 | 608067 | 40.697 | ng | | 99 |
| 69) Atrazine | 11.110 | 200 | 420733 | 38.463 | ng | | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 417260 | 44.032 | ng | | 100 |
| 71) Phenanthrene | 11.439 | 178 | 2557877 | 39.475 | ng | | 100 |
| 72) Anthracene | 11.486 | 178 | 2540876 | 39.126 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 2254761 | 39.317 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 2874276 | 39.540 | ng | | 100 |
| 75) Fluoranthene | 12.622 | 202 | 2552790 | 38.448 | ng | | 100 |
| 77) Benzidine | 12.739 | 184 | 657519 | 74.959 | ng | | 99 |
| 78) Pyrene | 12.851 | 202 | 2553211 | 42.307 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 957186 | 43.655 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 1852195 | 40.236 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 573075 | 43.392 | ng | | 100 |
| 83) Chrysene | 14.074 | 228 | 1718188 | 40.491 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 1183508 | 43.350 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 1881499 | 46.033 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 1767077 | 43.754 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 1710890 | 39.602 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 1454422 | 39.608 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.457 | 252 | 1416788 | 40.891 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278 | 1440368 | 43.693 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.468 | 276 | 1484943 | 43.969 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141801.D
Acq On : 27 Feb 2025 19:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF022725

Quant Time: Feb 28 01:51:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration