Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
Data File : BF142219.D
Acq On : 23 Apr 2025 11:51
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 23 14:35:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 23 14:31:43 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.857 | 152 | 441184 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.140 | 136 | 1677905 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.892 | 164 | 950940 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.381 | 188 | 1699433 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.022 | 240 | 1156514 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.486 | 264 | 925709 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 546464 | 21.109 | ng | | 0.00 |
| 7) Phenol-d6 | 6.487 | 99 | 666069 | 20.993 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.416 | 82 | 574245 | 20.391 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.681 | 330 | 249769 | 18.738 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.210 | 172 | 1326104 | 22.440 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.963 | 244 | 1595966 | 22.429 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.610 | 88 | 103255 | 9.925 | ng | | 96 |
| 3) Pyridine | 3.393 | 79 | 249674 | 10.029 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.310 | 42 | 97815 | 9.753 | ng | # | 95 |
| 6) Aniline | 6.522 | 93 | 311541 | 10.907 | ng | | 93 |
| 8) 2-Chlorophenol | 6.646 | 128 | 291975 | 10.310 | ng | | 96 |
| 9) Benzaldehyde | 6.410 | 77 | 200296 | 11.612 | ng | | 98 |
| 10) Phenol | 6.498 | 94 | 351567 | 10.561 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.593 | 93 | 248925 | 10.341 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.798 | 146 | 323825 | 10.373 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.875 | 146 | 326893 | 10.320 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.028 | 146 | 312711 | 10.534 | ng | | 98 |
| 15) Benzyl Alcohol | 6.998 | 79 | 233043 | 10.064 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 253705 | 10.600 | ng | | 96 |
| 17) 2-Methylphenol | 7.110 | 107 | 215817 | 10.009 | ng | | 97 |
| 18) Hexachloroethane | 7.369 | 117 | 115523 | 10.451 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 180689 | 10.273 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.263 | 107 | 287522 | 10.605 | ng | | 90 |
| 22) Acetophenone | 7.263 | 105 | 403076 | 10.384 | ng | | 98 |
| 24) Nitrobenzene | 7.434 | 77 | 281045 | 10.102 | ng | | 96 |
| 25) Isophorone | 7.675 | 82 | 466090 | 10.094 | ng | | 99 |
| 26) 2-Nitrophenol | 7.757 | 139 | 144035 | 9.428 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.793 | 122 | 172863 | 9.736 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.887 | 93 | 304612 | 10.227 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 248547 | 9.937 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.081 | 180 | 281976 | 9.992 | ng | | 99 |
| 31) Naphthalene | 8.163 | 128 | 880921 | 10.682 | ng | | 98 |
| 32) Benzoic acid | 7.875 | 122 | 110088m | 6.848 | ng | | |
| 33) 4-Chloroaniline | 8.210 | 127 | 299546 | 10.314 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 188157 | 10.115 | ng | | 99 |
| 35) Caprolactam | 8.545 | 113 | 70954 | 9.659 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.692 | 107 | 256532 | 9.866 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.851 | 142 | 571844 | 10.333 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.951 | 142 | 569625 | 10.565 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.016 | 216 | 305272 | 10.068 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.004 | 237 | 48296 | 10.644 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.134 | 196 | 176004 | 9.595 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 186746 | 9.494 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.316 | 154 | 737998 | 10.539 | ng | 97 |
| 47) 2-Chloronaphthalene | 9.339 | 162 | 551510 | 10.271 | ng | 99 |
| 48) 2-Nitroaniline | 9.434 | 65 | 132600 | 9.542 | ng | 97 |
| 49) Acenaphthylene | 9.757 | 152 | 812981 | 10.439 | ng | 98 |
| 50) Dimethylphthalate | 9.610 | 163 | 653778 | 10.238 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.675 | 165 | 139976 | 9.843 | ng | 99 |
| 52) Acenaphthene | 9.928 | 154 | 563642 | 10.125 | ng | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 138186 | 9.929 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 47891 | 6.218 | ng | 100 |
| 55) Dibenzofuran | 10.098 | 168 | 828905 | 10.563 | ng | 98 |
| 56) 4-Nitrophenol | 10.022 | 139 | 79326 | 7.824 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.081 | 165 | 184890 | 9.703 | ng | 99 |
| 58) Fluorene | 10.439 | 166 | 641960 | 10.434 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 167963 | 9.412 | ng | 97 |
| 60) Diethylphthalate | 10.310 | 149 | 613448 | 10.044 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.434 | 204 | 333600 | 10.241 | ng | 99 |
| 62) 4-Nitroaniline | 10.451 | 138 | 137708 | 10.002 | ng | 98 |
| 63) Azobenzene | 10.592 | 77 | 540723 | 10.208 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198 | 92718 | 8.179 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.551 | 169 | 528194 | 10.116 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248 | 206990 | 9.704 | ng | 96 |
| 68) Hexachlorobenzene | 10.986 | 284 | 248955 | 9.831 | ng | 98 |
| 69) Atrazine | 11.075 | 200 | 152137 | 10.272 | ng | 100 |
| 70) Pentachlorophenol | 11.192 | 266 | 101992 | 7.387 | ng | 99 |
| 71) Phenanthrene | 11.404 | 178 | 931832 | 10.612 | ng | 98 |
| 72) Anthracene | 11.457 | 178 | 940157 | 10.706 | ng | 98 |
| 73) Carbazole | 11.610 | 167 | 819681 | 10.750 | ng | 99 |
| 74) Di-n-butylphthalate | 11.939 | 149 | 912771 | 10.535 | ng | 98 |
| 75) Fluoranthene | 12.592 | 202 | 1021507 | 11.164 | ng | 99 |
| 77) Benzidine | 12.722 | 184 | 192208 | 11.133 | ng | 98 |
| 78) Pyrene | 12.822 | 202 | 1028074 | 10.648 | ng | 98 |
| 80) Butylbenzylphthalate | 13.439 | 149 | 271460 | 9.711 | ng | 100 |
| 81) Benzo(a)anthracene | 14.010 | 228 | 746074 | 10.193 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.974 | 252 | 205111 | 9.195 | ng | 99 |
| 83) Chrysene | 14.045 | 228 | 693905 | 10.268 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149 | 302948 | 9.077 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.610 | 149 | 454215 | 7.929 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.962 | 276 | 673606 | 10.158 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.057 | 252 | 501353 | 9.357 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.086 | 252 | 467834 | 9.401 | ng | 98 |
| 90) Benzo(a)pyrene | 15.421 | 252 | 468591 | 9.910 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.980 | 278 | 552008 | 10.165 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.410 | 276 | 584334 | 10.369 | ng | 99 |

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

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