Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142207.D
Acq On : 21 Apr 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF042125

Quant Time: Apr 22 02:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 461542 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.145 | 136 | 1719122 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 967738 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 1649639 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 1001037 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.504 | 264 | 1142603 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 1955894 | 79.451 | ng | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 2444776 | 79.298 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 2178335 | 79.578 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 1102365 | 83.314 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 4641250 | 78.171 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.975 | 244 | 4698500 | 78.632 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.610 | 88 | 348980 | 34.924 | ng | 99 |
| 3) Pyridine | 3.375 | 79 | 819004 | 37.761 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.328 | 42 | 338244 | 38.408 | ng | 100 |
| 6) Aniline | 6.528 | 93 | 1127792 | 39.617 | ng | 99 |
| 8) 2-Chlorophenol | 6.651 | 128 | 1124478 | 39.905 | ng | 99 |
| 9) Benzaldehyde | 6.416 | 77 | 685303 | 40.487 | ng | 100 |
| 10) Phenol | 6.504 | 94 | 1290053 | 39.672 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 929239 | 37.893 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 1273566 | 39.884 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 1279692 | 39.074 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 1210661 | 39.736 | ng | 99 |
| 15) Benzyl Alcohol | 7.004 | 79 | 931634 | 41.444 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 895979 | 37.695 | ng | 100 |
| 17) 2-Methylphenol | 7.116 | 107 | 849930 | 40.076 | ng | 99 |
| 18) Hexachloroethane | 7.375 | 117 | 451803 | 40.609 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 682166 | 39.129 | ng | 99 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 1074921 | 40.753 | ng | 99 |
| 22) Acetophenone | 7.275 | 105 | 1490022 | 39.487 | ng | 99 |
| 24) Nitrobenzene | 7.451 | 77 | 1074704 | 39.630 | ng | 98 |
| 25) Isophorone | 7.687 | 82 | 1791918 | 38.998 | ng | 99 |
| 26) 2-Nitrophenol | 7.763 | 139 | 607994 | 42.652 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 745277 | 40.209 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 1157428 | 38.380 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 1008665 | 40.013 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.087 | 180 | 1158390 | 39.295 | ng | 100 |
| 31) Naphthalene | 8.169 | 128 | 3284422 | 40.444 | ng | 99 |
| 32) Benzoic acid | 7.916 | 122 | 656470 | 39.705 | ng | 99 |
| 33) 4-Chloroaniline | 8.216 | 127 | 1138684 | 38.724 | ng | 99 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 785037 | 40.353 | ng | 99 |
| 35) Caprolactam | 8.587 | 113 | 271427 | 40.363 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 8.692 | 107 | 1009244 | 39.772 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 2221072 | 39.574 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 2144714 | 39.468 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.022 | 216 | 1252340 | 39.551 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 390131 | 40.180 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.134 | 196 | 769958 | 41.650 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 804500 | 40.600 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 2787856 | 40.174 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 2143104 | 39.787 | ng | 99 |
| 48) 2-Nitroaniline | 9.445 | 65 | 512902 | 40.623 | ng | 98 |
| 49) Acenaphthylene | 9.763 | 152 | 3097514 | 40.684 | ng | 99 |
| 50) Dimethylphthalate | 9.622 | 163 | 2495011 | 40.211 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 559732 | 40.180 | ng | 100 |
| 52) Acenaphthene | 9.939 | 154 | 2186739 | 39.857 | ng | 99 |
| 53) 3-Nitroaniline | 9.857 | 138 | 523952 | 39.254 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 285080 | 41.783 | ng | 99 |
| 55) Dibenzofuran | 10.110 | 168 | 3095656 | 40.248 | ng | 99 |
| 56) 4-Nitrophenol | 10.010 | 139 | 393347 | 40.286 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.086 | 165 | 735612 | 40.884 | ng | 99 |
| 58) Fluorene | 10.451 | 166 | 2392935 | 40.218 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232 | 720730 | 40.684 | ng | 98 |
| 60) Diethylphthalate | 10.322 | 149 | 2378709 | 41.055 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 1304487 | 39.818 | ng | 99 |
| 62) 4-Nitroaniline | 10.469 | 138 | 494658 | 38.989 | ng | 95 |
| 63) Azobenzene | 10.604 | 77 | 2002528 | 39.692 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198 | 402642 | 41.814 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 2027400 | 40.100 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 857590 | 39.530 | ng | 99 |
| 68) Hexachlorobenzene | 10.998 | 284 | 1025825 | 39.734 | ng | 100 |
| 69) Atrazine | 11.081 | 200 | 427015 | 34.609 | ng | 99 |
| 70) Pentachlorophenol | 11.192 | 266 | 548360 | 41.635 | ng | 99 |
| 71) Phenanthrene | 11.416 | 178 | 3261562 | 39.814 | ng | 100 |
| 72) Anthracene | 11.463 | 178 | 3323644 | 40.577 | ng | 99 |
| 73) Carbazole | 11.622 | 167 | 2754209 | 38.488 | ng | 100 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 3133657 | 42.309 | ng | 100 |
| 75) Fluoranthene | 12.604 | 202 | 3290166 | 38.639 | ng | 99 |
| 77) Benzidine | 12.727 | 184 | 653980 | 50.625 | ng | 99 |
| 78) Pyrene | 12.833 | 202 | 3208253 | 40.353 | ng | 100 |
| 80) Butylbenzylphthalate | 13.445 | 149 | 874716 | 45.455 | ng | 99 |
| 81) Benzo(a)anthracene | 14.022 | 228 | 2481966 | 40.936 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 732492 | 40.570 | ng | 100 |
| 83) Chrysene | 14.057 | 228 | 2246623 | 38.458 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149 | 1190031 | 46.225 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.616 | 149 | 2120040 | 46.495 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 3077410 | 38.388 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.074 | 252 | 2540619 | 39.633 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 2429949 | 38.379 | ng | 99 |
| 90) Benzo(a)pyrene | 15.439 | 252 | 2268563 | 39.543 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.010 | 278 | 2540904 | 38.855 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.439 | 276 | 2526379 | 37.091 | ng | 99 |

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

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