Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.910 | 152 | 187794 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.192 | 136 | 726978 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.945 | 164 | 380022 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.433 | 188 | 664931 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.074 | 240 | 454911 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.568 | 264 | 322126 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 124307 | 10.571 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 146414 | 10.311 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 78765 | 7.118 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 26375 | 7.613 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.263 | 172 | 330323 | 12.256 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.016 | 244 | 334852 | 10.706 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.699 | 88 | 26443 | 5.035 | ng | | 97 |
| 3) Pyridine | 3.469 | 79 | 68779 | 5.039 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.393 | 42 | 35057 | 4.963 | ng | # | 97 |
| 6) Aniline | 6.563 | 93 | 103866 | 5.168 | ng | | 99 |
| 8) 2-Chlorophenol | 6.687 | 128 | 58780 | 4.838 | ng | | 99 |
| 9) Benzaldehyde | 6.457 | 77 | 54160 | 5.457 | ng | | 98 |
| 10) Phenol | 6.528 | 94 | 78823 | 5.157 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 63148 | 5.331 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.845 | 146 | 73777 | 5.367 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.928 | 146 | 75604 | 5.459 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.075 | 146 | 69920 | 5.289 | ng | | 99 |
| 15) Benzyl Alcohol | 7.039 | 79 | 49136 | 4.879 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181 | 45 | 111179 | 5.198 | ng | | 100 |
| 17) 2-Methylphenol | 7.145 | 107 | 50945 | 5.118 | ng | | 98 |
| 18) Hexachloroethane | 7.422 | 117 | 21958 | 4.844 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 46341 | 5.281 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 63725 | 5.119 | ng | | 93 |
| 22) Acetophenone | 7.310 | 105 | 92806 | 5.518 | ng | | 96 |
| 24) Nitrobenzene | 7.481 | 77 | 41660 | 3.837 | ng | | 94 |
| 25) Isophorone | 7.722 | 82 | 119954 | 5.165 | ng | | 100 |
| 26) 2-Nitrophenol | 7.804 | 139 | 8775 | 6.901 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 57217 | 4.887 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.934 | 93 | 77155 | 5.268 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 44643 | 4.560 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.128 | 180 | 58177 | 5.326 | ng | | 99 |
| 31) Naphthalene | 8.210 | 128 | 200969 | 5.543 | ng | | 99 |
| 33) 4-Chloroaniline | 8.251 | 127 | 81024 | 5.367 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.334 | 225 | 32676 | 5.127 | ng | | 97 |
| 35) Caprolactam | 8.575 | 113 | 12427 | 4.223 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 47673 | 4.743 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.904 | 142 | 123458 | 5.539 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.998 | 142 | 127274 | 5.512 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.063 | 216 | 58967 | 5.513 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.057 | 237 | 23228 | 3.827 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.175 | 196 | 26171 | 3.949 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 30587 | 4.390 | ng | | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 9.363 | 154 | 168456 | 5.702 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 122469 | 5.572 | ng | | 98 |
| 48) 2-Nitroaniline | 9.475 | 65 | 11346 | 6.532 | ng | | 89 |
| 49) Acenaphthylene | 9.804 | 152 | 204157 | 5.504 | ng | | 99 |
| 50) Dimethylphthalate | 9.657 | 163 | 129376 | 5.322 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 9271 | 5.846 | ng | # | 81 |
| 52) Acenaphthene | 9.975 | 154 | 120775 | 5.577 | ng | | 99 |
| 53) 3-Nitroaniline | 9.886 | 138 | 13576 | 5.423 | ng | # | 88 |
| 55) Dibenzofuran | 10.151 | 168 | 183405 | 5.649 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 9928 | 6.601 | ng | # | 85 |
| 58) Fluorene | 10.492 | 166 | 141835 | 5.746 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232 | 23974m | 4.154 | ng | | |
| 60) Diethylphthalate | 10.363 | 149 | 125748 | 5.238 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204 | 66676 | 5.688 | ng | | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 13695 | 5.254 | ng | # | 76 |
| 63) Azobenzene | 10.645 | 77 | 127873 | 5.394 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 120800 | 5.317 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248 | 37248 | 5.030 | ng | | 97 |
| 68) Hexachlorobenzene | 11.039 | 284 | 42558 | 5.131 | ng | | 98 |
| 69) Atrazine | 11.122 | 200 | 27629 | 4.614 | ng | | 98 |
| 71) Phenanthrene | 11.457 | 178 | 202460 | 5.637 | ng | | 98 |
| 72) Anthracene | 11.504 | 178 | 200946 | 5.472 | ng | | 98 |
| 73) Carbazole | 11.657 | 167 | 186963 | 5.581 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.998 | 149 | 163860 | 4.864 | ng | | 99 |
| 75) Fluoranthene | 12.645 | 202 | 202911 | 5.715 | ng | | 98 |
| 77) Benzidine | 12.769 | 184 | 79877 | 4.132 | ng | | 98 |
| 78) Pyrene | 12.874 | 202 | 208462 | 4.968 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.498 | 149 | 24840 | 5.714 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.063 | 228 | 156840 | 5.136 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.027 | 252 | 32503 | 3.623 | ng | | 94 |
| 83) Chrysene | 14.098 | 228 | 148119 | 5.328 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.063 | 149 | 43692 | 6.006 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.068 | 276 | 106554 | 4.516 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.121 | 252 | 106072 | 5.301 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.151 | 252 | 97496 | 5.327 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.498 | 252 | 90284 | 4.928 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.086 | 278 | 86557 | 4.520 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.521 | 276 | 86631 | 4.500 | ng | | 99 |

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

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