Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
Data File : BF137917.D
Acq On : 14 May 2024 14:42
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 14 17:20:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 15:07:22 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.045 | 152 | 128965 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.328 | 136 | 476897 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.092 | 164 | 261375 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.580 | 188 | 432281 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.233 | 240 | 224761 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.792 | 264 | 241364 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.669 | 112 | 1131180 | 148.992 | ng | 0.00 |
| 7) Phenol-d6 | 6.669 | 99 | 1382032 | 147.773 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.616 | 82 | 1266206 | 156.253 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.886 | 330 | 419860 | 159.313 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.404 | 172 | 2444085 | 144.040 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.168 | 244 | 2373313 | 155.623 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.940 | 88 | 260462 | 79.191 | ng | 99 |
| 3) Pyridine | 3.716 | 79 | 613015 | 83.066 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.698 | 42 | 260271 | 79.945 | ng | 95 |
| 6) Aniline | 6.710 | 93 | 675353m | 79.656 | ng | |
| 8) 2-Chlorophenol | 6.834 | 128 | 615345 | 74.893 | ng | 100 |
| 9) Benzaldehyde | 6.598 | 77 | 331861 | 65.586 | ng | 98 |
| 10) Phenol | 6.681 | 94 | 703271 | 74.499 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.781 | 93 | 548175 | 75.630 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.986 | 146 | 706784 | 74.349 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.063 | 146 | 707819 | 74.179 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.222 | 146 | 655216 | 72.959 | ng | 97 |
| 15) Benzyl Alcohol | 7.186 | 79 | 505998 | 83.788 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.316 | 45 | 669392 | 75.131 | ng | 98 |
| 17) 2-Methylphenol | 7.286 | 107 | 504295 | 76.963 | ng | 99 |
| 18) Hexachloroethane | 7.557 | 117 | 245687 | 76.089 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.463 | 70 | 392428 | 74.686 | ng | 97 |
| 20) 3+4-Methylphenols | 7.439 | 107 | 628192 | 73.181 | ng | 95 |
| 22) Acetophenone | 7.457 | 105 | 806451 | 75.487 | ng | 99 |
| 24) Nitrobenzene | 7.633 | 77 | 641127 | 77.989 | ng | 99 |
| 25) Isophorone | 7.869 | 82 | 1113382 | 79.164 | ng | 97 |
| 26) 2-Nitrophenol | 7.945 | 139 | 344500 | 83.401 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.969 | 122 | 422167 | 79.383 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 8.069 | 93 | 658298 | 77.229 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.181 | 162 | 527887 | 78.936 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.269 | 180 | 573284 | 76.778 | ng | 99 |
| 31) Naphthalene | 8.351 | 128 | 1805040 | 75.277 | ng | 99 |
| 32) Benzoic acid | 8.104 | 122 | 407527 | 90.443 | ng | 99 |
| 33) 4-Chloroaniline | 8.398 | 127 | 627601 | 79.841 | ng | 99 |
| 34) Hexachlorobutadiene | 8.463 | 225 | 363833 | 76.983 | ng | 99 |
| 35) Caprolactam | 8.786 | 113 | 160757 | 82.953 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.869 | 107 | 543237 | 79.852 | ng | 96 |
| 37) 2-Methylnaphthalene | 9.045 | 142 | 1159537 | 75.230 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.145 | 142 | 1128440 | 74.470 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.204 | 216 | 548608 | 77.205 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.192 | 237 | 239016 | 88.524 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.316 | 196 | 369744 | 79.360 | ng | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.357 | 196 | 402024 | 78.862 | ng | | 99 |
| 46) | 1,1'-Biphenyl | 9.510 | 154 | 1381260 | 75.345 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 9.533 | 162 | 1106915 | 75.639 | ng | | 96 |
| 48) | 2-Nitroaniline | 9.627 | 65 | 309864 | 82.687 | ng | | 99 |
| 49) | Acenaphthylene | 9.957 | 152 | 1592518 | 75.682 | ng | | 99 |
| 50) | Dimethylphthalate | 9.810 | 163 | 1264950 | 77.177 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 9.869 | 165 | 301486 | 80.144 | ng | | 96 |
| 52) | Acenaphthene | 10.127 | 154 | 1074941 | 77.292 | ng | | 99 |
| 53) | 3-Nitroaniline | 10.045 | 138 | 299451 | 81.426 | ng | | 94 |
| 54) | 2,4-Dinitrophenol | 10.145 | 184 | 166997 | 81.983 | ng | # | 79 |
| 55) | Dibenzofuran | 10.298 | 168 | 1511758 | 74.690 | ng | | 99 |
| 56) | 4-Nitrophenol | 10.186 | 139 | 233018 | 88.220 | ng | | 97 |
| 57) | 2,4-Dinitrotoluene | 10.274 | 165 | 399620 | 82.173 | ng | | 91 |
| 58) | Fluorene | 10.645 | 166 | 1184944 | 74.016 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.410 | 232 | 315911 | 78.884 | ng | | 100 |
| 60) | Diethylphthalate | 10.504 | 149 | 1174205 | 76.708 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 10.627 | 204 | 591437 | 74.913 | ng | | 99 |
| 62) | 4-Nitroaniline | 10.663 | 138 | 286852 | 82.238 | ng | | 97 |
| 63) | Azobenzene | 10.792 | 77 | 1068065 | 76.709 | ng | | 98 |
| 65) | 4,6-Dinitro-2-methylph... | 10.680 | 198 | 220895 | 88.499 | ng | | 88 |
| 66) | n-Nitrosodiphenylamine | 10.751 | 169 | 1010704 | 76.241 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 11.121 | 248 | 373544 | 78.823 | ng | | 97 |
| 68) | Hexachlorobenzene | 11.186 | 284 | 403640 | 77.053 | ng | # | 91 |
| 69) | Atrazine | 11.269 | 200 | 247511 | 68.374 | ng | | 99 |
| 70) | Pentachlorophenol | 11.374 | 266 | 263701 | 85.938 | ng | | 98 |
| 71) | Phenanthrene | 11.610 | 178 | 1575891 | 73.977 | ng | | 99 |
| 72) | Anthracene | 11.663 | 178 | 1576272 | 74.578 | ng | | 99 |
| 73) | Carbazole | 11.816 | 167 | 1451561 | 75.181 | ng | | 100 |
| 74) | Di-n-butylphthalate | 12.127 | 149 | 1645880 | 76.813 | ng | | 99 |
| 75) | Fluoranthene | 12.804 | 202 | 1577028 | 72.935 | ng | | 99 |
| 77) | Benzidine | 12.916 | 184 | 279254 | 95.069 | ng | | 97 |
| 78) | Pyrene | 13.033 | 202 | 1583958 | 80.574 | ng | | 100 |
| 80) | Butylbenzylphthalate | 13.633 | 149 | 507366 | 85.566 | ng | | 96 |
| 81) | Benzo(a)anthracene | 14.221 | 228 | 1141571 | 80.280 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 14.180 | 252 | 339297 | 86.100 | ng | | 98 |
| 83) | Chrysene | 14.257 | 228 | 1070713 | 78.732 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.186 | 149 | 625172 | 83.873 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 14.815 | 149 | 920479 | 91.411 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.427 | 276 | 1366262 | 88.106 | ng | | 99 |
| 88) | Benzo(b)fluoranthene | 15.321 | 252 | 1099300 | 78.661 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 15.357 | 252 | 1019327 | 74.245 | ng | | 100 |
| 90) | Benzo(a)pyrene | 15.727 | 252 | 970441 | 81.322 | ng | | 98 |
| 91) | Dibenzo(a,h)anthracene | 17.451 | 278 | 1103777 | 86.152 | ng | | 98 |
| 92) | Benzo(g,h,i)perylene | 17.933 | 276 | 1181732 | 87.802 | ng | | 99 |

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

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