Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131962.D
Acq On : 09 Jan 2023 14:33
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 10 00:02:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 23:53:39 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.792 | 152 | 96506 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.081 | 136 | 320418 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.845 | 164 | 186179 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.333 | 188 | 344230 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.986 | 240 | 185475 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.445 | 264 | 150238 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.398 | 112 | 858953 | 146.661 | ng | | 0.00 |
| 7) Phenol-d6 | 6.445 | 99 | 1103047 | 142.048 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.381 | 82 | 1176494 | 152.390 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.645 | 330 | 339644 | 158.664 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.169 | 172 | 2093815 | 151.820 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.933 | 244 | 2216353 | 171.270 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.469 | 88 | 189673 | 74.151 | ng | | 100 |
| 3) Pyridine | 3.210 | 79 | 544180 | 75.802 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.199 | 42 | 256121 | 75.912 | ng | | 90 |
| 6) Aniline | 6.469 | 93 | 729491 | 71.399 | ng | | 97 |
| 8) 2-Chlorophenol | 6.587 | 128 | 429577 | 73.106 | ng | | 93 |
| 10) Phenol | 6.457 | 94 | 627626 | 72.453 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.539 | 93 | 471652 | 72.227 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.734 | 146 | 477584 | 72.970 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.810 | 146 | 480606 | 72.574 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.969 | 146 | 452191 | 71.897 | ng | | 99 |
| 15) Benzyl Alcohol | 6.951 | 79 | 474181 | 70.123 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075 | 45 | 562144 | 68.214 | ng | | 88 |
| 17) 2-Methylphenol | 7.063 | 107 | 418098 | 71.898 | ng | | 91 |
| 18) Hexachloroethane | 7.304 | 117 | 202658 | 74.000 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.234 | 70 | 399667 | 71.149 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 524691 | 70.281 | ng | # | 77 |
| 22) Acetophenone | 7.222 | 105 | 713215 | 76.450 | ng | # | 98 |
| 24) Nitrobenzene | 7.398 | 77 | 599003 | 76.213 | ng | | 96 |
| 25) Isophorone | 7.639 | 82 | 1120238 | 77.672 | ng | | 98 |
| 26) 2-Nitrophenol | 7.704 | 139 | 242863 | 78.532 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.751 | 122 | 399267 | 77.348 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.839 | 93 | 607131 | 76.060 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.951 | 162 | 408846 | 77.326 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.028 | 180 | 474625 | 78.381 | ng | | 98 |
| 31) Naphthalene | 8.110 | 128 | 1274168 | 75.246 | ng | | 99 |
| 32) Benzoic acid | 7.933 | 122 | 258783 | 87.854 | ng | | 93 |
| 33) 4-Chloroaniline | 8.163 | 127 | 509179 | 72.868 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.216 | 225 | 330229 | 78.658 | ng | | 100 |
| 35) Caprolactam | 8.581 | 113 | 129910m | 83.585 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 471989 | 76.059 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.804 | 142 | 938599 | 77.177 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.898 | 142 | 855411 | 75.919 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 8.969 | 216 | 518767 | 79.074 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.945 | 237 | 263280 | 100.479 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.080 | 196 | 311775 | 78.952 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 365476 | 79.497 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 46) | 1,1'-Biphenyl | 9.269 | 154 | 1112894 | 77.446 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 9.298 | 162 | 858572 | 76.980 | ng | | 97 |
| 48) | 2-Nitroaniline | 9.398 | 65 | 313090 | 77.287 | ng | | 98 |
| 49) | Acenaphthylene | 9.710 | 152 | 1303451 | 75.312 | ng | | 100 |
| 50) | Dimethylphthalate | 9.586 | 163 | 1106873 | 76.271 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 9.651 | 165 | 233143 | 76.383 | ng | | 97 |
| 52) | Acenaphthene | 9.886 | 154 | 798310 | 76.841 | ng | | 100 |
| 53) | 3-Nitroaniline | 9.822 | 138 | 219179 | 74.015 | ng | | 94 |
| 54) | 2,4-Dinitrophenol | 9.927 | 184 | 134420 | 87.710 | ng | | 99 |
| 55) | Dibenzofuran | 10.057 | 168 | 1212998 | 74.071 | ng | | 100 |
| 56) | 4-Nitrophenol | 9.992 | 139 | 137105 | 82.198 | ng | | 88 |
| 57) | 2,4-Dinitrotoluene | 10.057 | 165 | 299767 | 73.457 | ng | | 96 |
| 58) | Fluorene | 10.398 | 166 | 984477 | 75.255 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.175 | 232 | 274394m | 80.976 | ng | | |
| 60) | Diethylphthalate | 10.280 | 149 | 1054147 | 73.870 | ng | | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 10.392 | 204 | 571417 | 76.302 | ng | | 99 |
| 62) | 4-Nitroaniline | 10.451 | 138 | 195501 | 70.859 | ng | | 94 |
| 63) | Azobenzene | 10.551 | 77 | 1113215 | 73.538 | ng | | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 10.469 | 198 | 187256 | 84.354 | ng | | 87 |
| 66) | n-Nitrosodiphenylamine | 10.516 | 169 | 851143 | 78.812 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 10.880 | 248 | 339372 | 78.809 | ng | | 97 |
| 68) | Hexachlorobenzene | 10.945 | 284 | 341005 | 78.281 | ng | | 97 |
| 69) | Atrazine | 11.051 | 200 | 296878 | 75.593 | ng | | 99 |
| 70) | Pentachlorophenol | 11.145 | 266 | 184890 | 90.286 | ng | | 96 |
| 71) | Phenanthrene | 11.369 | 178 | 1372559 | 76.488 | ng | | 99 |
| 72) | Anthracene | 11.421 | 178 | 1412560 | 76.464 | ng | | 99 |
| 73) | Carbazole | 11.574 | 167 | 1147497 | 75.029 | ng | | 98 |
| 74) | Di-n-butylphthalate | 11.904 | 149 | 1622034 | 76.167 | ng | | 100 |
| 75) | Fluoranthene | 12.557 | 202 | 1460397 | 72.363 | ng | | 99 |
| 78) | Pyrene | 12.786 | 202 | 1472553 | 87.049 | ng | | 100 |
| 80) | Butylbenzylphthalate | 13.404 | 149 | 578143 | 84.670 | ng | | 97 |
| 81) | Benzo(a)anthracene | 13.980 | 228 | 1067080 | 79.079 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 13.945 | 252 | 296089 | 70.306 | ng | | 99 |
| 83) | Chrysene | 14.015 | 228 | 1011100 | 80.177 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 771285 | 83.376 | ng | # | 97 |
| 85) | Di-n-octyl phthalate | 14.574 | 149 | 1051539 | 83.068 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 16.921 | 276 | 848203 | 92.055 | ng | | 100 |
| 88) | Benzo(b)fluoranthene | 15.027 | 252 | 774610 | 75.172 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 15.057 | 252 | 778419 | 75.692 | ng | | 99 |
| 90) | Benzo(a)pyrene | 15.392 | 252 | 727464 | 78.355 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 16.939 | 278 | 713484 | 92.373 | ng | | 98 |
| 92) | Benzo(g,h,i)perylene | 17.368 | 276 | 692994 | 91.104 | ng | | 98 |

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

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