Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123807.D
Acq On : 4 May 2021 14:23
Operator : JU/CG
Sample : PB136158BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB136158BS

**Manual Integrations APPROVED**
mohammad
5/5/2021 11:25:04 AM

Quant Time: May 04 14:57:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.804 | 152 | 279829 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.086 | 136 | 1070301 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.845 | 164 | 543826 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.333 | 188 | 1059607 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.980 | 240 | 756998 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.427 | 264 | 588035 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 2138487 | 121.07 | ng | | 0.02 |
| 7) Phenol-d6 | 6.451 | 99 | 2742394 | 112.71 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.369 | 82 | 1995494 | 84.16 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.639 | 330 | 837823 | 123.75 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.169 | 172 | 3027855 | 81.08 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.921 | 244 | 3433539 | 87.34 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.616 | 88 | 338757 | 35.60 | ng | | 96 |
| 3) Pyridine | 3.351 | 79 | 832666 | 35.81 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.304 | 42 | 567595 | 44.31 | ng | | 97 |
| 6) Aniline | 6.463 | 93 | 835043 | 29.67 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.592 | 128 | 862772 | 45.41 | ng | | 99 |
| 9) Benzaldehyde | 6.351 | 77 | 727913 | 61.81 | ng | | 99 |
| 10) Phenol | 6.463 | 94 | 1091654 | 41.77 | ng | | 80 |
| 11) bis(2-Chloroethyl)ether | 6.539 | 93 | 863349 | 45.24 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.745 | 146 | 830815 | 43.28 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.822 | 146 | 842029 | 43.35 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.975 | 146 | 808905 | 42.89 | ng | | 98 |
| 15) Benzyl Alcohol | 6.951 | 79 | 846211 | 44.37 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081 | 45 | 1843896 | 45.43 | ng | | 96 |
| 17) 2-Methylphenol | 7.069 | 107 | 712960 | 44.03 | ng | | 95 |
| 18) Hexachloroethane | 7.316 | 117 | 353526 | 45.98 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.222 | 70 | 666596 | 44.37 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.222 | 107 | 875607 | 42.50 | ng | | 93 |
| 22) Acetophenone | 7.216 | 105 | 1283861 | 44.13 | ng | | 94 |
| 24) Nitrobenzene | 7.386 | 77 | 1018606 | 41.24 | ng | | 95 |
| 25) Isophorone | 7.628 | 82 | 1841715 | 41.43 | ng | | 99 |
| 26) 2-Nitrophenol | 7.704 | 139 | 444943 | 44.15 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.745 | 122 | 760134 | 48.01 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.839 | 93 | 1078609 | 47.61 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.951 | 162 | 669942 | 42.94 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.028 | 180 | 705929 | 43.17 | ng | | 98 |
| 31) Naphthalene | 8.110 | 128 | 2336720 | 42.40 | ng | | 99 |
| 32) Benzoic acid | 7.892 | 122 | 449033 | 42.05 | ng | | 96 |
| 33) 4-Chloroaniline | 8.157 | 127 | 254041 | 11.05 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.228 | 225 | 424480 | 42.59 | ng | | 99 |
| 35) Caprolactam | 8.539 | 113 | 232935m | 42.52 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.651 | 107 | 877415 | 45.07 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.804 | 142 | 1552943 | 43.24 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.904 | 142 | 1436474 | 42.55 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.969 | 216 | 670343 | 41.88 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.957 | 237 | 793840 | 113.40 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.086 | 196 | 477348 | 43.30 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.128 | 196 | 501912 | 42.44 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.269 | 154 | 1864505 | 41.85 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.292 | 162 | 1400267 | 41.68 | ng | | 98 |
| 48) 2-Nitroaniline | 9.392 | 65 | 640331 | 43.27 | ng | | 97 |
| 49) Acenaphthylene | 9.710 | 152 | 2311648 | 42.63 | ng | | 99 |
| 50) Dimethylphthalate | 9.575 | 163 | 1674510 | 43.72 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.633 | 165 | 377352 | 42.61 | ng | | 98 |
| 52) Acenaphthene | 9.880 | 154 | 1376542 | 41.67 | ng | | 99 |
| 53) 3-Nitroaniline | 9.798 | 138 | 200597 | 18.97 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.910 | 184 | 426115 | 90.60 | ng | | 96 |
| 55) Dibenzofuran | 10.051 | 168 | 2032687 | 40.68 | ng | | 100 |
| 56) 4-Nitrophenol | 9.980 | 139 | 643372 | 83.52 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.039 | 165 | 510018 | 42.24 | ng | # | 84 |
| 58) Fluorene | 10.398 | 166 | 1612143 | 41.99 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.175 | 232 | 417477 | 44.58 | ng | | 99 |
| 60) Diethylphthalate | 10.275 | 149 | 1816320 | 44.55 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204 | 764434 | 42.72 | ng | | 98 |
| 62) 4-Nitroaniline | 10.422 | 138 | 429959 | 41.02 | ng | | 96 |
| 63) Azobenzene | 10.545 | 77 | 1963095 | 41.89 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198 | 268118 | 40.84 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 10.510 | 169 | 1436563 | 41.45 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248 | 496709 | 44.51 | ng | | 94 |
| 68) Hexachlorobenzene | 10.945 | 284 | 559193 | 44.03 | ng | | 97 |
| 69) Atrazine | 11.039 | 200 | 483129 | 46.11 | ng | | 98 |
| 70) Pentachlorophenol | 11.145 | 266 | 586526 | 90.61 | ng | | 99 |
| 71) Phenanthrene | 11.357 | 178 | 2311745 | 41.59 | ng | | 99 |
| 72) Anthracene | 11.410 | 178 | 2399221 | 43.42 | ng | | 99 |
| 73) Carbazole | 11.563 | 167 | 2268377 | 40.61 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 2856616 | 45.56 | ng | | 99 |
| 75) Fluoranthene | 12.545 | 202 | 2538609 | 41.88 | ng | | 99 |
| 77) Benzidine | 12.668 | 184 | 1401284 | 71.48 | ng | | 99 |
| 78) Pyrene | 12.774 | 202 | 2572579 | 43.78 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.398 | 149 | 1216572 | 48.46 | ng | | 96 |
| 81) Benzo(a)anthracene | 13.968 | 228 | 1957483 | 42.67 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 246763 | 17.52 | ng | | 98 |
| 83) Chrysene | 14.004 | 228 | 1945327 | 42.15 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149 | 1553704 | 49.82 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.568 | 149 | 2617828 | 52.50 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.880 | 276 | 1590216 | 46.43 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.009 | 252 | 1699506m | 42.89 | ng | | |
| 89) Benzo(k)fluoranthene | 15.039 | 252 | 1659089 | 43.87 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.374 | 252 | 1542240 | 45.51 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 16.892 | 278 | 1307288 | 45.21 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.315 | 276 | 1330736 | 45.95 | ng | | 100 |

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

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