Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127167.D
Acq On : 03 Mar 2022 13:10
Operator : CG\JU
Sample : PB143042BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 03 16:59:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB143042BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 95763 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 385157 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.933 | 164 | 195593 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.427 | 188 | 365485 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.074 | 240 | 232572 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.562 | 264 | 170499 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 810341 | 130.786 | ng | | 0.01 |
| 7) Phenol-d6 | 6.528 | 99 | 1022559 | 122.308 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 714399 | 83.722 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.733 | 330 | 337605 | 149.914 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1177694 | 88.641 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.016 | 244 | 1471407 | 93.005 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.746 | 88 | 105610 | 37.249 | ng | | 97 |
| 3) Pyridine | 3.510 | 79 | 256464 | 34.487 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.475 | 42 | 164979 | 45.288 | ng | # | 77 |
| 6) Aniline | 6.557 | 93 | 366404 | 36.988 | ng | | 96 |
| 8) 2-Chlorophenol | 6.681 | 128 | 309166 | 46.505 | ng | | 94 |
| 9) Benzaldehyde | 6.445 | 77 | 181896 | 35.742 | ng | | 99 |
| 10) Phenol | 6.539 | 94 | 400471 | 47.406 | ng | | 77 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 290873 | 43.900 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 320050 | 44.629 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 326421 | 44.898 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 308927 | 44.558 | ng | | 97 |
| 15) Benzyl Alcohol | 7.034 | 79 | 287580 | 40.830 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 384218 | 36.825 | ng | | 88 |
| 17) 2-Methylphenol | 7.145 | 107 | 259271 | 45.077 | ng | # | 90 |
| 18) Hexachloroethane | 7.398 | 117 | 124788 | 44.779 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 224796 | 41.727 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 327042 | 43.787 | ng | | 92 |
| 22) Acetophenone | 7.304 | 105 | 442876 | 43.672 | ng | | 99 |
| 24) Nitrobenzene | 7.481 | 77 | 354949 | 44.033 | ng | | 97 |
| 25) Isophorone | 7.716 | 82 | 617765 | 43.751 | ng | # | 96 |
| 26) 2-Nitrophenol | 7.792 | 139 | 163906 | 47.757 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 283027 | 50.198 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 349891 | 40.874 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 238994 | 45.086 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 266058 | 44.895 | ng | | 99 |
| 31) Naphthalene | 8.198 | 128 | 887261 | 44.129 | ng | | 99 |
| 32) Benzoic acid | 7.963 | 122 | 177105 | 44.292 | ng | | 91 |
| 33) 4-Chloroaniline | 8.245 | 127 | 191643 | 24.216 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 156967 | 45.368 | ng | | 98 |
| 35) Caprolactam | 8.628 | 113 | 81613m | 44.089 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.733 | 107 | 306953 | 45.309 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 583307 | 44.711 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 548518 | 43.906 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 245605 | 47.702 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 281922 | 100.958 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 169199 | 44.806 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 182397 | 45.900 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 694403 | 44.810 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.380 | 162 | 511417 | 44.504 | ng | | 94 |
| 48) 2-Nitroaniline | 9.480 | 65 | 199451 | 43.983 | ng | | 97 |
| 49) Acenaphthylene | 9.798 | 152 | 870735 | 46.647 | ng | | 98 |
| 50) Dimethylphthalate | 9.657 | 163 | 628498 | 44.954 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.722 | 165 | 139431 | 49.019 | ng | # | 84 |
| 52) Acenaphthene | 9.969 | 154 | 609148m | 50.178 | ng | | |
| 53) 3-Nitroaniline | 9.892 | 138 | 105060 | 30.216 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 10.004 | 184 | 144364 | 95.888 | ng | # | 86 |
| 55) Dibenzofuran | 10.145 | 168 | 738577 | 44.245 | ng | | 93 |
| 56) 4-Nitrophenol | 10.063 | 139 | 230137 | 89.616 | ng | # | 74 |
| 57) 2,4-Dinitrotoluene | 10.127 | 165 | 188892 | 49.115 | ng | # | 92 |
| 58) Fluorene | 10.486 | 166 | 604763 | 46.510 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232 | 149848 | 47.565 | ng | | 91 |
| 60) Diethylphthalate | 10.357 | 149 | 653502 | 44.734 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 278166 | 45.368 | ng | | 98 |
| 62) 4-Nitroaniline | 10.516 | 138 | 155548 | 45.303 | ng | # | 74 |
| 63) Azobenzene | 10.639 | 77 | 667899 | 41.058 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198 | 95132 | 44.300 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 523027 | 43.642 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 181566 | 44.463 | ng | | 98 |
| 68) Hexachlorobenzene | 11.033 | 284 | 203529 | 46.297 | ng | | 92 |
| 69) Atrazine | 11.127 | 200 | 179918 | 48.404 | ng | | 96 |
| 70) Pentachlorophenol | 11.233 | 266 | 209297 | 87.216 | ng | | 97 |
| 71) Phenanthrene | 11.451 | 178 | 914613 | 44.709 | ng | | 99 |
| 72) Anthracene | 11.504 | 178 | 932898 | 45.809 | ng | | 99 |
| 73) Carbazole | 11.663 | 167 | 800346 | 42.854 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.980 | 149 | 1024442 | 42.669 | ng | | 99 |
| 75) Fluoranthene | 12.645 | 202 | 910330 | 46.867 | ng | | 93 |
| 77) Benzidine | 12.763 | 184 | 383120 | 60.617 | ng | | 96 |
| 78) Pyrene | 12.874 | 202 | 918879 | 45.477 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.486 | 149 | 415191 | 43.405 | ng | # | 86 |
| 81) Benzo(a)anthracene | 14.063 | 228 | 704429 | 44.928 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.021 | 252 | 154564 | 31.280 | ng | # | 97 |
| 83) Chrysene | 14.104 | 228 | 657895 | 44.621 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 520610 | 41.455 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 759937 | 42.028 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 17.080 | 276 | 532627 | 47.642 | ng | # | 84 |
| 88) Benzo(b)fluoranthene | 15.127 | 252 | 583204 | 50.929 | ng | # | 93 |
| 89) Benzo(k)fluoranthene | 15.157 | 252 | 563992 | 51.063 | ng | # | 94 |
| 90) Benzo(a)pyrene | 15.504 | 252 | 506148 | 56.587 | ng | # | 93 |
| 91) Dibenzo(a,h)anthracene | 17.098 | 278 | 456493 | 49.370 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 17.545 | 276 | 457624 | 50.202 | ng | # | 85 |

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

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