Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127426.D
Acq On : 22 Mar 2022 00:52
Operator : CG\JU
Sample : PB143487BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 22 05:06:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB143487BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.845 | 152 | 90874 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.133 | 136 | 336960 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.892 | 164 | 195895 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.380 | 188 | 342923 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 229653 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.504 | 264 | 171600 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 716035 | 125.773 | ng | 0.01 |
| 7) Phenol-d6 | 6.492 | 99 | 977241 | 125.577 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 671315 | 85.161 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.686 | 330 | 259212 | 124.216 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.210 | 172 | 1106391 | 82.472 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.968 | 244 | 1290123 | 91.963 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 89452 | 35.774 | ng | 95 |
| 3) Pyridine | 3.428 | 79 | 251888 | 35.691 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.398 | 42 | 181162 | 46.753 | ng | 96 |
| 6) Aniline | 6.516 | 93 | 438412 | 47.209 | ng | 99 |
| 8) 2-Chlorophenol | 6.639 | 128 | 281256 | 48.344 | ng | 98 |
| 9) Benzaldehyde | 6.404 | 77 | 171759 | 43.705 | ng | 98 |
| 10) Phenol | 6.504 | 94 | 391284 | 46.170 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.586 | 93 | 297017 | 47.896 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.786 | 146 | 290430 | 44.385 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.869 | 146 | 292578 | 44.451 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.016 | 146 | 280136 | 43.698 | ng | 98 |
| 15) Benzyl Alcohol | 6.998 | 79 | 277318 | 49.035 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45 | 510722 | 45.768 | ng | 97 |
| 17) 2-Methylphenol | 7.110 | 107 | 231736 | 47.198 | ng | 96 |
| 18) Hexachloroethane | 7.357 | 117 | 110502 | 45.858 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 215115 | 46.116 | ng | 99 |
| 20) 3+4-Methylphenols | 7.263 | 107 | 274182 | 45.275 | ng | 91 |
| 22) Acetophenone | 7.263 | 105 | 374370 | 43.463 | ng | 97 |
| 24) Nitrobenzene | 7.439 | 77 | 343788 | 45.730 | ng | 98 |
| 25) Isophorone | 7.675 | 82 | 627084 | 49.946 | ng | 100 |
| 26) 2-Nitrophenol | 7.751 | 139 | 143455 | 45.499 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.786 | 122 | 248867 | 52.473 | ng | 95 |
| 28) bis(2-Chloroethoxy)met... | 7.881 | 93 | 361125 | 44.278 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 246112 | 45.710 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.075 | 180 | 272170 | 43.380 | ng | 97 |
| 31) Naphthalene | 8.157 | 128 | 796134 | 44.502 | ng | 99 |
| 32) Benzoic acid | 7.945 | 122 | 113421 | 42.415 | ng | 96 |
| 33) 4-Chloroaniline | 8.210 | 127 | 282321 | 40.725 | ng | 98 |
| 34) Hexachlorobutadiene | 8.263 | 225 | 170706 | 42.847 | ng | 98 |
| 35) Caprolactam | 8.592 | 113 | 73959m | 44.557 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.692 | 107 | 269841 | 46.192 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.845 | 142 | 521491 | 45.334 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.945 | 142 | 495020 | 43.519 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.010 | 216 | 269770 | 43.311 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 8.992 | 237 | 229460 | 96.551 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 9.127 | 196 | 166653 | 44.264 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 180030 | 46.451 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.310 | 154 | 646246 | 43.679 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.339 | 162 | 507348 | 43.546 | ng | 100 |
| 48) 2-Nitroaniline | 9.439 | 65 | 203716 | 45.623 | ng | 97 |
| 49) Acenaphthylene | 9.751 | 152 | 811734 | 46.086 | ng | 99 |
| 50) Dimethylphthalate | 9.616 | 163 | 599942 | 44.022 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.680 | 165 | 133870 | 46.796 | ng | 95 |
| 52) Acenaphthene | 9.927 | 154 | 460962 | 44.855 | ng | 99 |
| 53) 3-Nitroaniline | 9.857 | 138 | 117005 | 37.286 | ng | 94 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 118905 | 82.100 | ng | 93 |
| 55) Dibenzofuran | 10.098 | 168 | 667666 | 45.028 | ng | 100 |
| 56) 4-Nitrophenol | 10.027 | 139 | 153415 | 96.055 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 167094 | 45.379 | ng | 98 |
| 58) Fluorene | 10.439 | 166 | 541394 | 45.503 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232 | 145271 | 42.395 | ng | 99 |
| 60) Diethylphthalate | 10.310 | 149 | 534619 | 42.950 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204 | 289964 | 41.168 | ng | 98 |
| 62) 4-Nitroaniline | 10.480 | 138 | 126892 | 43.170 | ng | 99 |
| 63) Azobenzene | 10.592 | 77 | 617141 | 42.019 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 89319 | 42.330 | ng | 91 |
| 66) n-Nitrosodiphenylamine | 10.551 | 169 | 470310 | 45.054 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248 | 176129 | 43.992 | ng | 96 |
| 68) Hexachlorobenzene | 10.986 | 284 | 202149 | 46.256 | ng | 99 |
| 69) Atrazine | 11.080 | 200 | 172819 | 49.730 | ng | 96 |
| 70) Pentachlorophenol | 11.186 | 266 | 141952 | 83.780 | ng | 96 |
| 71) Phenanthrene | 11.410 | 178 | 792936 | 44.352 | ng | 99 |
| 72) Anthracene | 11.463 | 178 | 812023 | 45.770 | ng | 99 |
| 73) Carbazole | 11.616 | 167 | 734332 | 43.281 | ng | 99 |
| 74) Di-n-butylphthalate | 11.933 | 149 | 798228 | 45.451 | ng | 99 |
| 75) Fluoranthene | 12.598 | 202 | 890065 | 45.264 | ng | 99 |
| 77) Benzidine | 12.721 | 184 | 453380 | 82.797 | ng | 99 |
| 78) Pyrene | 12.827 | 202 | 905767 | 45.956 | ng | 100 |
| 80) Butylbenzylphthalate | 13.433 | 149 | 312335 | 48.149 | ng | 98 |
| 81) Benzo(a)anthracene | 14.015 | 228 | 709153 | 46.175 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.974 | 252 | 177679 | 39.364 | ng | 99 |
| 83) Chrysene | 14.057 | 228 | 657166 | 45.188 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149 | 383415 | 51.132 | ng | 98 |
| 85) Di-n-octyl phthalate | 14.598 | 149 | 509098 | 51.020 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.009 | 276 | 561885 | 48.390 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.068 | 252 | 523765 | 48.408 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 484969 | 43.237 | ng | 98 |
| 90) Benzo(a)pyrene | 15.445 | 252 | 486072 | 54.740 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.015 | 278 | 491759 | 51.297 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 504194 | 50.883 | ng | 99 |

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

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