Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
Data File : BP008276.D
Acq On : 08 Dec 2021 12:39
Operator : CG/JU
Sample : PB141212BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 09 01:18:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB141212BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay
12/09/2021
Supervised By :mohammad ahmed
12/15/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 69488 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.575 | 136 | 266071 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.434 | 164 | 172017 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 363991 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.310 | 240 | 388045 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.704 | 264 | 418017 | 20.000 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 541275 | 125.418 | ng | | -0.01 |
| 7) Phenol-d6 | 6.969 | 99 | 686092 | 117.764 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.940 | 82 | 464128 | 79.322 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.939 | 330 | 283577 | 128.977 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.051 | 172 | 944285 | 79.737 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.774 | 244 | 1576778 | 84.922 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.275 | 88 | 65699 | 32.630 | ng | | 98 |
| 3) Pyridine | 3.675 | 79 | 177943 | 33.112 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.587 | 42 | 100073 | 44.646 | ng | | 99 |
| 6) Aniline | 7.110 | 93 | 284675 | 41.684 | ng | | 96 |
| 8) 2-Chlorophenol | 7.352 | 128 | 199790 | 45.222 | ng | | 99 |
| 9) Benzaldehyde | 6.922 | 77 | 118784 | 36.409 | ng | | 97 |
| 10) Phenol | 6.993 | 94 | 277456 | 46.344 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.210 | 93 | 202776 | 42.375 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.669 | 146 | 213168 | 41.802 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.810 | 146 | 215855 | 41.750 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.128 | 146 | 208503 | 40.550 | ng | | 98 |
| 15) Benzyl Alcohol | 8.034 | 79 | 216310 | 46.861 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316 | 45 | 298673 | 41.365 | ng | | 99 |
| 17) 2-Methylphenol | 8.240 | 107 | 177477 | 45.566 | ng | | 98 |
| 18) Hexachloroethane | 8.851 | 117 | 81547 | 42.418 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.593 | 70 | 167417 | 41.529 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.569 | 107 | 239661 | 44.584 | ng | | 98 |
| 22) Acetophenone | 8.610 | 105 | 305881 | 42.029 | ng | # | 99 |
| 24) Nitrobenzene | 8.987 | 77 | 250173 | 44.088 | ng | | 99 |
| 25) Isophorone | 9.516 | 82 | 433023 | 42.301 | ng | | 100 |
| 26) 2-Nitrophenol | 9.698 | 139 | 108577 | 44.349 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.769 | 122 | 184212 | 50.312 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.993 | 93 | 256459 | 39.309 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.246 | 162 | 196571 | 44.952 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.445 | 180 | 214515 | 42.264 | ng | | 99 |
| 31) Naphthalene | 10.628 | 128 | 568452 | 41.706 | ng | | 99 |
| 32) Benzoic acid | 9.963 | 122 | 122325 | 40.842 | ng | | 96 |
| 33) 4-Chloroaniline | 10.751 | 127 | 170709 | 30.190 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.916 | 225 | 149469 | 43.032 | ng | | 96 |
| 35) Caprolactam | 11.557 | 113 | 64006m | 65.892 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.892 | 107 | 224262 | 44.862 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.245 | 142 | 411271 | 42.663 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.463 | 142 | 386196 | 41.157 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216 | 249073 | 44.575 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.598 | 237 | 197129 | 91.762 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.869 | 196 | 163135 | 43.091 | ng | | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.951 | 196 | 177311 | 43.709 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.263 | 154 | 515246 | 41.284 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.304 | 162 | 419863 | 42.599 | ng | | 99 |
| 48) 2-Nitroaniline | 13.522 | 65 | 156804 | 46.167 | ng | | 98 |
| 49) Acenaphthylene | 14.151 | 152 | 643040 | 42.290 | ng | | 99 |
| 50) Dimethylphthalate | 13.898 | 163 | 551374 | 42.685 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.022 | 165 | 122491 | 45.692 | ng | | 96 |
| 52) Acenaphthene | 14.498 | 154 | 381752 | 42.128 | ng | | 99 |
| 53) 3-Nitroaniline | 14.351 | 138 | 91261 | 33.591 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.575 | 184 | 135947 | 85.769 | ng | | 91 |
| 55) Dibenzofuran | 14.834 | 168 | 635259 | 41.024 | ng | | 98 |
| 56) 4-Nitrophenol | 14.692 | 139 | 172605 | 82.888 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 14.822 | 165 | 169711 | 46.129 | ng | | 94 |
| 58) Fluorene | 15.492 | 166 | 514988 | 40.933 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.075 | 232 | 155071m | 42.988 | ng | | |
| 60) Diethylphthalate | 15.269 | 149 | 546012 | 42.596 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.486 | 204 | 275075 | 39.861 | ng | | 99 |
| 62) 4-Nitroaniline | 15.522 | 138 | 118186 | 41.923 | ng | | 94 |
| 63) Azobenzene | 15.781 | 77 | 551530 | 42.064 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198 | 93724 | 39.367 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.704 | 169 | 457050 | 43.348 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.380 | 248 | 179665 | 44.389 | ng | | 97 |
| 68) Hexachlorobenzene | 16.504 | 284 | 202743 | 46.860 | ng | | 98 |
| 69) Atrazine | 16.669 | 200 | 186166 | 68.032 | ng | | 95 |
| 70) Pentachlorophenol | 16.857 | 266 | 212603 | 82.638 | ng | | 98 |
| 71) Phenanthrene | 17.239 | 178 | 827948 | 43.082 | ng | | 100 |
| 72) Anthracene | 17.333 | 178 | 854231 | 44.790 | ng | | 100 |
| 73) Carbazole | 17.610 | 167 | 765438 | 41.113 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.169 | 149 | 939910 | 40.329 | ng | | 99 |
| 75) Fluoranthene | 19.221 | 202 | 1015931 | 39.242 | ng | | 99 |
| 77) Benzidine | 19.404 | 184 | 627011 | 117.795 | ng | | 98 |
| 78) Pyrene | 19.574 | 202 | 1049484 | 42.814 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.457 | 149 | 437854 | 39.625 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.292 | 228 | 1067233 | 41.498 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.227 | 252 | 330882 | 27.307 | ng | | 99 |
| 83) Chrysene | 21.345 | 228 | 1035819 | 42.325 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.221 | 149 | 638008 | 38.028 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 22.139 | 149 | 1140121 | 40.004 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.215 | 276 | 1346495 | 44.276 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 22.980 | 252 | 1119036 | 44.406 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.027 | 252 | 1114502 | 45.174 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.604 | 252 | 1105233 | 51.316 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 26.227 | 278 | 1147117 | 45.418 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 26.980 | 276 | 1136006 | 44.585 | ng | | 95 |

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

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