Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007944.D
Acq On : 11 Nov 2021 14:15
Operator : CG/JU
Sample : PB140664BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 15:04:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:53:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB140664BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/17/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.852 | 152 | 145076 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.652 | 136 | 648531 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.492 | 164 | 443978 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 1012062 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.339 | 240 | 1188668 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.751 | 264 | 1303101 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 1148269 | 134.232 | ng | | 0.00 |
| 7) Phenol-d6 | 7.034 | 99 | 1503023 | 121.393 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.010 | 82 | 939412 | 77.811 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.987 | 330 | 908291 | 143.349 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.116 | 172 | 2490313 | 81.684 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.810 | 244 | 4703995 | 80.583 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 102937 | 34.199 | ng | | 95 |
| 3) Pyridine | 3.740 | 79 | 284127 | 29.936 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 167368 | 41.233 | ng | # | 96 |
| 6) Aniline | 7.181 | 93 | 629173 | 45.115 | ng | | 98 |
| 8) 2-Chlorophenol | 7.422 | 128 | 444043 | 47.104 | ng | | 95 |
| 9) Benzaldehyde | 6.993 | 77 | 260474 | 38.688 | ng | | 94 |
| 10) Phenol | 7.058 | 94 | 556602 | 47.076 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.275 | 93 | 390534 | 41.380 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.740 | 146 | 444494 | 42.396 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.887 | 146 | 459851 | 42.927 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.205 | 146 | 448091 | 43.284 | ng | | 99 |
| 15) Benzyl Alcohol | 8.099 | 79 | 437846 | 46.709 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381 | 45 | 458373 | 41.434 | ng | | 95 |
| 17) 2-Methylphenol | 8.305 | 107 | 389561 | 47.646 | ng | | 99 |
| 18) Hexachloroethane | 8.934 | 117 | 162774 | 43.940 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.669 | 70 | 326463 | 43.083 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.634 | 107 | 539305 | 46.891 | ng | | 98 |
| 22) Acetophenone | 8.675 | 105 | 675613 | 41.345 | ng | | 98 |
| 24) Nitrobenzene | 9.052 | 77 | 488034 | 42.479 | ng | | 98 |
| 25) Isophorone | 9.593 | 82 | 921934 | 42.019 | ng | | 96 |
| 26) 2-Nitrophenol | 9.763 | 139 | 252130 | 43.334 | ng | # | 94 |
| 27) 2,4-Dimethylphenol | 9.834 | 122 | 443875 | 49.643 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93 | 555988 | 38.401 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 498181 | 46.341 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.516 | 180 | 494491 | 41.358 | ng | | 97 |
| 31) Naphthalene | 10.699 | 128 | 1357153 | 41.369 | ng | | 99 |
| 32) Benzoic acid | 10.010 | 122 | 352140 | 45.687 | ng | | 98 |
| 33) 4-Chloroaniline | 10.810 | 127 | 601953 | 41.655 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.993 | 225 | 332437 | 42.349 | ng | | 99 |
| 35) Caprolactam | 11.622 | 113 | 175153m | 46.676 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.951 | 107 | 564249 | 46.463 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.310 | 142 | 1060953 | 43.843 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.534 | 142 | 986753 | 41.618 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.687 | 216 | 624572 | 44.875 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.669 | 237 | 765613 | 102.709 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.928 | 196 | 453103 | 46.609 | ng | | 100 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.998 | 196 | 502231 | 47.693 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.328 | 154 | 1334143 | 41.619 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.363 | 162 | 1083120 | 43.480 | ng | | 99 |
| 48) 2-Nitroaniline | 13.569 | 65 | 323067 | 45.072 | ng | | 99 |
| 49) Acenaphthylene | 14.210 | 152 | 1645025 | 42.049 | ng | | 99 |
| 50) Dimethylphthalate | 13.957 | 163 | 1452215 | 42.379 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.069 | 165 | 316479 | 44.658 | ng | | 99 |
| 52) Acenaphthene | 14.557 | 154 | 978427 | 41.410 | ng | | 98 |
| 53) 3-Nitroaniline | 14.398 | 138 | 306435 | 40.531 | ng | # | 98 |
| 54) 2,4-Dinitrophenol | 14.610 | 184 | 424491 | 97.439 | ng | # | 85 |
| 55) Dibenzofuran | 14.892 | 168 | 1624865 | 40.653 | ng | | 98 |
| 56) 4-Nitrophenol | 14.722 | 139 | 555441 | 86.496 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.863 | 165 | 458317 | 46.978 | ng | | 91 |
| 58) Fluorene | 15.539 | 166 | 1299422 | 42.862 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 433430m | 45.723 | ng | | |
| 60) Diethylphthalate | 15.322 | 149 | 1467456 | 44.109 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.539 | 204 | 711881 | 42.991 | ng | | 98 |
| 62) 4-Nitroaniline | 15.569 | 138 | 339970 | 44.274 | ng | | 91 |
| 63) Azobenzene | 15.834 | 77 | 1187425 | 42.288 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.628 | 198 | 280272 | 42.293 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.757 | 169 | 1206425 | 41.872 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.434 | 248 | 490366 | 43.767 | ng | | 98 |
| 68) Hexachlorobenzene | 16.551 | 284 | 571867 | 45.742 | ng | | 95 |
| 69) Atrazine | 16.716 | 200 | 521631 | 47.280 | ng | | 99 |
| 70) Pentachlorophenol | 16.904 | 266 | 755059 | 93.901 | ng | | 97 |
| 71) Phenanthrene | 17.292 | 178 | 2260759 | 42.493 | ng | | 99 |
| 72) Anthracene | 17.381 | 178 | 2309252 | 44.105 | ng | | 99 |
| 73) Carbazole | 17.651 | 167 | 2109917 | 40.540 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.210 | 149 | 2570469 | 43.366 | ng | | 99 |
| 75) Fluoranthene | 19.263 | 202 | 2928509 | 43.634 | ng | | 96 |
| 77) Benzidine | 19.439 | 184 | 2611954 | 87.188 | ng | | 99 |
| 78) Pyrene | 19.616 | 202 | 3010990 | 41.300 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 1277175 | 41.682 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.327 | 228 | 3232925 | 41.284 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.257 | 252 | 1209843 | 46.008 | ng | # | 99 |
| 83) Chrysene | 21.380 | 228 | 3157085 | 42.586 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.257 | 149 | 1875675 | 42.683 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.180 | 149 | 3488584 | 44.131 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 4169003 | 42.921 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.016 | 252 | 3598861 | 46.851 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.069 | 252 | 3518576 | 46.152 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.645 | 252 | 3517192 | 52.881 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 26.292 | 278 | 3547095 | 44.059 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 27.045 | 276 | 3472195 | 43.475 | ng | # | 95 |

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

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