Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
Data File : BP010733.D
Acq On : 15 Jun 2022 17:15
Operator : CG/JU
Sample : N3139-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 00:05:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 00:00:39 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-2MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :Yogesh Patel 06/16/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 64095 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.628 | 136 | 292586 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.469 | 164 | 232625 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 586638 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.316 | 240 | 708170 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.710 | 264 | 790344 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.417 | 112 | 491728 | 132.408 | ng | | 0.00 |
| 7) Phenol-d6 | 7.011 | 99 | 711481 | 140.086 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.993 | 82 | 484951 | 78.054 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.969 | 330 | 516199 | 162.951 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.093 | 172 | 1223946 | 75.689 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 2790870 | 73.692 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 52416 | 35.114 | ng | | 99 |
| 3) Pyridine | 3.723 | 79 | 150189 | 35.584 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.628 | 42 | 121152 | 51.440 | ng | # | 95 |
| 6) Aniline | 7.158 | 93 | 286965 | 48.329 | ng | | 97 |
| 8) 2-Chlorophenol | 7.399 | 128 | 225567 | 55.939 | ng | | 99 |
| 9) Benzaldehyde | 6.975 | 77 | 123146 | 40.126 | ng | | 99 |
| 10) Phenol | 7.034 | 94 | 299445 | 57.147 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.258 | 93 | 195730 | 48.611 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.716 | 146 | 221475 | 47.981 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.863 | 146 | 228206 | 48.313 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.181 | 146 | 222776 | 48.993 | ng | | 98 |
| 15) Benzyl Alcohol | 8.075 | 79 | 237685m | 58.995 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358 | 45 | 342005 | 50.529 | ng | | 99 |
| 17) 2-Methylphenol | 8.281 | 107 | 204497 | 57.797 | ng | | 97 |
| 18) Hexachloroethane | 8.905 | 117 | 86614 | 47.254 | ng | | 89 |
| 19) n-Nitroso-di-n-propyla... | 8.640 | 70 | 194296 | 54.245 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.611 | 107 | 289687 | 59.648 | ng | | 99 |
| 22) Acetophenone | 8.658 | 105 | 364223 | 46.709 | ng | # | 98 |
| 24) Nitrobenzene | 9.034 | 77 | 291955 | 46.543 | ng | | 99 |
| 25) Isophorone | 9.563 | 82 | 542840 | 51.054 | ng | | 97 |
| 26) 2-Nitrophenol | 9.746 | 139 | 130962 | 50.800 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.810 | 122 | 241475 | 63.895 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.040 | 93 | 301866 | 52.713 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.287 | 162 | 259043 | 58.197 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.493 | 180 | 249266 | 48.451 | ng | | 98 |
| 31) Naphthalene | 10.675 | 128 | 717855 | 45.978 | ng | | 99 |
| 32) Benzoic acid | 9.981 | 122 | 185766 | 58.200 | ng | | 97 |
| 33) 4-Chloroaniline | 10.799 | 127 | 160290 | 26.137 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.963 | 225 | 160590 | 46.005 | ng | | 97 |
| 35) Caprolactam | 11.604 | 113 | 96908m | 63.917 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.934 | 107 | 322157 | 60.629 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.287 | 142 | 557718 | 51.231 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.510 | 142 | 542944 | 50.687 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.663 | 216 | 335704 | 46.910 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.640 | 237 | 378947 | 105.515 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.904 | 196 | 246355 | 53.058 | ng | | 98 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.981 | 196 | 276135 | 53.468 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.304 | 154 | 803537 | 46.837 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.346 | 162 | 616498 | 45.925 | ng | | 100 |
| 48) 2-Nitroaniline | 13.551 | 65 | 252557 | 50.765 | ng | | 97 |
| 49) Acenaphthylene | 14.193 | 152 | 1067251 | 50.148 | ng | | 100 |
| 50) Dimethylphthalate | 13.934 | 163 | 893330 | 50.515 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.051 | 165 | 199360 | 52.890 | ng | | 99 |
| 52) Acenaphthene | 14.534 | 154 | 607527 | 47.077 | ng | | 98 |
| 53) 3-Nitroaniline | 14.381 | 138 | 150919 | 39.122 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.598 | 184 | 287054 | 115.227 | ng | | 97 |
| 55) Dibenzofuran | 14.869 | 168 | 1044994 | 50.369 | ng | | 99 |
| 56) 4-Nitrophenol | 14.710 | 139 | 361717 | 125.293 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 287604 | 54.825 | ng | | 94 |
| 58) Fluorene | 15.522 | 166 | 881777 | 51.007 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232 | 260596 | 55.412 | ng | | 96 |
| 60) Diethylphthalate | 15.298 | 149 | 955657 | 52.781 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.516 | 204 | 470175 | 53.582 | ng | | 94 |
| 62) 4-Nitroaniline | 15.551 | 138 | 212100 | 53.582 | ng | | 94 |
| 63) Azobenzene | 15.810 | 77 | 889131 | 48.958 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 198 | 184278 | 50.059 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.734 | 169 | 787859 | 45.987 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248 | 314235 | 49.208 | ng | | 97 |
| 68) Hexachlorobenzene | 16.534 | 284 | 372764 | 50.478 | ng | # | 68 |
| 69) Atrazine | 16.692 | 200 | 331721 | 54.444 | ng | | 99 |
| 70) Pentachlorophenol | 16.881 | 266 | 508682 | 126.404 | ng | | 96 |
| 71) Phenanthrene | 17.269 | 178 | 1599957 | 49.603 | ng | | 100 |
| 72) Anthracene | 17.357 | 178 | 1547782 | 49.626 | ng | | 99 |
| 73) Carbazole | 17.634 | 167 | 1424801 | 51.184 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.181 | 149 | 1801975 | 49.356 | ng | | 99 |
| 75) Fluoranthene | 19.239 | 202 | 2152762 | 56.395 | ng | | 98 |
| 77) Benzidine | 19.422 | 184 | 1086696 | 78.526 | ng | | 99 |
| 78) Pyrene | 19.592 | 202 | 2180607 | 45.641 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 906228 | 44.248 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.298 | 228 | 2349887 | 49.910 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 682083 | 49.637 | ng | # | 98 |
| 83) Chrysene | 21.351 | 228 | 2161331 | 48.074 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 1393385 | 47.905 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.139 | 149 | 2356571 | 48.214 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.221 | 276 | 2879104 | 50.064 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 22.986 | 252 | 2618024 | 53.085 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.033 | 252 | 2347219 | 46.697 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.610 | 252 | 2414612 | 58.484 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 26.227 | 278 | 2522638 | 52.444 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 26.980 | 276 | 2474137 | 51.893 | ng | # | 95 |

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

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