Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006544.D
Acq On : 06 Aug 2021 18:13
Operator : CG/JU
Sample : M3296-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FK-BPM-03-026-ABCDMSD

Quant Time: Aug 06 18:45:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.757 | 152 | 202592 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.540 | 136 | 801002 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.387 | 164 | 424713 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.139 | 188 | 803059 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.239 | 240 | 800276 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.563 | 264 | 900390 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 1578273 | 119.656 | ng | | 0.00 |
| 7) Phenol-d6 | 6.940 | 99 | 1998869 | 106.682 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.910 | 82 | 1335876 | 76.979 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.881 | 330 | 522965 | 117.819 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.010 | 172 | 2158892 | 76.051 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.710 | 244 | 2836974 | 71.034 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 249631 | 43.471 | ng | | 92 |
| 3) Pyridine | 3.693 | 79 | 639966 | 37.917 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.611 | 42 | 266051 | 41.764 | ng | # | 75 |
| 6) Aniline | 7.093 | 93 | 828320 | 40.698 | ng | | 93 |
| 8) 2-Chlorophenol | 7.322 | 128 | 627286 | 43.954 | ng | | 92 |
| 9) Benzaldehyde | 6.905 | 77 | 434976 | 38.571 | ng | | 92 |
| 10) Phenol | 6.963 | 94 | 804227 | 42.806 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.193 | 93 | 626824 | 43.939 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.646 | 146 | 669503 | 45.011 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.793 | 146 | 680476 | 45.078 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.105 | 146 | 641636 | 44.296 | ng | | 96 |
| 15) Benzyl Alcohol | 7.999 | 79 | 607412 | 43.229 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.293 | 45 | 750795 | 44.226 | ng | | 92 |
| 17) 2-Methylphenol | 8.205 | 107 | 523465 | 44.124 | ng | | 100 |
| 18) Hexachloroethane | 8.822 | 117 | 273810 | 45.826 | ng | # | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.569 | 70 | 515279 | 40.991 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.528 | 107 | 691556 | 42.827 | ng | | 96 |
| 22) Acetophenone | 8.581 | 105 | 951195 | 44.779 | ng | # | 98 |
| 24) Nitrobenzene | 8.957 | 77 | 761843 | 42.232 | ng | | 93 |
| 25) Isophorone | 9.481 | 82 | 1275904 | 40.935 | ng | | 94 |
| 26) 2-Nitrophenol | 9.663 | 139 | 313722 | 47.787 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.728 | 122 | 548831 | 49.923 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.969 | 93 | 777358 | 46.612 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.193 | 162 | 491515 | 44.161 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.404 | 180 | 523265 | 43.752 | ng | | 97 |
| 31) Naphthalene | 10.587 | 128 | 1832445 | 42.574 | ng | | 99 |
| 32) Benzoic acid | 9.863 | 122 | 351540 | 41.335 | ng | | 93 |
| 33) 4-Chloroaniline | 10.704 | 127 | 446851 | 25.655 | ng | # | 94 |
| 34) Hexachlorobutadiene | 10.869 | 225 | 304227 | 43.652 | ng | | 99 |
| 35) Caprolactam | 11.510 | 113 | 181636 | 45.258 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 11.834 | 107 | 599364 | 42.385 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.204 | 142 | 1228248 | 42.112 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.422 | 142 | 1130191 | 40.777 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216 | 514615 | 46.295 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 12.545 | 237 | 699628 | 118.670 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.816 | 196 | 352999 | 46.508 | ng | | 97 |

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Sample : M3296-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FK-BPM-03-026-ABCDMSD

Quant Time: Aug 06 18:45:36 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.887 | 196 | 381159 | 45.367 | ng | # | 89 |
| 46) 1,1'-Biphenyl | 13.222 | 154 | 1391714 | 43.292 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.257 | 162 | 1096044 | 44.275 | ng | | 93 |
| 48) 2-Nitroaniline | 13.469 | 65 | 410173 | 46.950 | ng | # | 84 |
| 49) Acenaphthylene | 14.104 | 152 | 1793684 | 44.935 | ng | | 100 |
| 50) Dimethylphthalate | 13.857 | 163 | 1344700 | 43.496 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.969 | 165 | 292474 | 42.396 | ng | # | 76 |
| 52) Acenaphthene | 14.445 | 154 | 1051563 | 43.285 | ng | | 99 |
| 53) 3-Nitroaniline | 14.298 | 138 | 247339 | 32.341 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 14.504 | 184 | 321211 | 89.039 | ng | # | 80 |
| 55) Dibenzofuran | 14.787 | 168 | 1602160 | 41.927 | ng | | 95 |
| 56) 4-Nitrophenol | 14.616 | 139 | 623359 | 93.870 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 14.757 | 165 | 408180 | 44.120 | ng | # | 81 |
| 58) Fluorene | 15.434 | 166 | 1306471 | 42.775 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 312543 | 44.390 | ng | # | 71 |
| 60) Diethylphthalate | 15.222 | 149 | 1433207 | 44.137 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.434 | 204 | 592670 | 42.848 | ng | | 90 |
| 62) 4-Nitroaniline | 15.463 | 138 | 351962 | 43.370 | ng | | 89 |
| 63) Azobenzene | 15.728 | 77 | 1629300 | 43.037 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 200617 | 40.885 | ng | | 74 |
| 66) n-Nitrosodiphenylamine | 15.651 | 169 | 1110748 | 44.005 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.334 | 248 | 345797 | 44.878 | ng | # | 89 |
| 68) Hexachlorobenzene | 16.433 | 284 | 387126 | 44.149 | ng | # | 86 |
| 69) Atrazine | 16.616 | 200 | 381276 | 48.407 | ng | | 96 |
| 70) Pentachlorophenol | 16.786 | 266 | 553816 | 99.546 | ng | | 99 |
| 71) Phenanthrene | 17.181 | 178 | 1973172 | 43.561 | ng | | 99 |
| 72) Anthracene | 17.269 | 178 | 2008685 | 45.892 | ng | | 99 |
| 73) Carbazole | 17.545 | 167 | 1903074 | 42.626 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.110 | 149 | 2517143 | 49.487 | ng | | 99 |
| 75) Fluoranthene | 19.157 | 202 | 2225276 | 43.769 | ng | | 95 |
| 77) Benzidine | 19.345 | 184 | 1641902 | 81.990 | ng | | 99 |
| 78) Pyrene | 19.510 | 202 | 2277585 | 42.608 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.398 | 149 | 1212020 | 51.563 | ng | | 89 |
| 81) Benzo(a)anthracene | 21.221 | 228 | 2234435 | 42.723 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.163 | 252 | 654478 | 47.666 | ng | # | 97 |
| 83) Chrysene | 21.274 | 228 | 2186758 | 43.128 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.163 | 149 | 1816306 | 51.420 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 22.069 | 149 | 3180437 | 54.628 | ng | # | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 25.974 | 276 | 3022521 | 46.295 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 22.857 | 252 | 2480815 | 42.394 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 22.904 | 252 | 2377143 | 42.309 | ng | # | 96 |
| 90) Benzo(a)pyrene | 23.463 | 252 | 2425436 | 46.210 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 25.992 | 278 | 2570213 | 45.532 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 26.709 | 276 | 2541891 | 46.991 | ng | # | 89 |

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

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