Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008861.D
Acq On : 19 Jan 2022 19:16
Operator : CG/JU
Sample : N1176-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 20 05:30:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SB-9MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
01/20/2022
Supervised By :Jagrut Upadhyay
01/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 331036 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.652 | 136 | 1332444 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.493 | 164 | 848006 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 1486900 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.339 | 240 | 1272703 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.757 | 264 | 1465150 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 2391989 | 111.740 | ng | | 0.00 |
| 7) Phenol-d6 | 7.028 | 99 | 3063330 | 118.174 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.010 | 82 | 1906375 | 81.228 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.987 | 330 | 1259478 | 102.035 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.116 | 172 | 5000226 | 77.759 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.804 | 244 | 5312130 | 70.453 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 277199 | 31.993 | ng | | 95 |
| 3) Pyridine | 3.734 | 79 | 691801 | 38.122 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 376705 | 44.245 | ng | | 85 |
| 6) Aniline | 7.175 | 93 | 759210 | 23.465 | ng | | 98 |
| 8) 2-Chlorophenol | 7.416 | 128 | 1123077 | 49.261 | ng | | 98 |
| 9) Benzaldehyde | 6.987 | 77 | 578465 | 33.388 | ng | | 99 |
| 10) Phenol | 7.058 | 94 | 1330477 | 50.345 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.275 | 93 | 990789 | 47.121 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.740 | 146 | 1198649 | 44.149 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.881 | 146 | 1226202 | 44.562 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.199 | 146 | 1191883 | 45.427 | ng | | 99 |
| 15) Benzyl Alcohol | 8.093 | 79 | 908408 | 49.952 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381 | 45 | 1114046 | 47.378 | ng | | 99 |
| 17) 2-Methylphenol | 8.305 | 107 | 881809 | 49.806 | ng | | 97 |
| 18) Hexachloroethane | 8.928 | 117 | 439751 | 47.086 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.663 | 70 | 754314 | 49.780 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.634 | 107 | 1190766 | 50.663 | ng | | 97 |
| 22) Acetophenone | 8.675 | 105 | 1606940 | 47.343 | ng | # | 97 |
| 24) Nitrobenzene | 9.052 | 77 | 1107857 | 46.732 | ng | | 96 |
| 25) Isophorone | 9.581 | 82 | 2019396 | 47.612 | ng | | 98 |
| 26) 2-Nitrophenol | 9.763 | 139 | 594292 | 47.684 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.834 | 122 | 1025196 | 48.245 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93 | 1300948 | 47.005 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.305 | 162 | 1129307 | 48.700 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.516 | 180 | 1234938 | 45.464 | ng | | 100 |
| 31) Naphthalene | 10.699 | 128 | 3470880 | 47.960 | ng | | 99 |
| 32) Benzoic acid | 10.022 | 122 | 736291 | 60.376 | ng | | 94 |
| 33) 4-Chloroaniline | 10.816 | 127 | 249653 | 8.465 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.993 | 225 | 775131 | 45.674 | ng | | 99 |
| 35) Caprolactam | 11.622 | 113 | 371815m | 58.165 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.952 | 107 | 1033806 | 49.417 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.316 | 142 | 2857779 | 54.017 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.534 | 142 | 2472262 | 50.911 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.687 | 216 | 1445961 | 46.766 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.663 | 237 | 1334602 | 84.357 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.928 | 196 | 931517 | 48.727 | ng | | 100 |

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|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.004 | 196 | 990754 | 48.152 | ng | | 97 |
| 46) | 1,1'-Biphenyl | 13.322 | 154 | 3249648 | 47.101 | ng | | 100 |
| 47) | 2-Chloronaphthalene | 13.363 | 162 | 2429082 | 45.660 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.569 | 65 | 586804 | 49.678 | ng | | 94 |
| 49) | Acenaphthylene | 14.210 | 152 | 3690227 | 45.913 | ng | | 99 |
| 50) | Dimethylphthalate | 13.951 | 163 | 3010721 | 47.804 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 14.069 | 165 | 649936 | 48.658 | ng | | 92 |
| 52) | Acenaphthene | 14.557 | 154 | 2236128 | 46.908 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.398 | 138 | 299677 | 22.813 | ng | | 98 |
| 54) | 2,4-Dinitrophenol | 14.610 | 184 | 513268 | 95.014 | ng | | 93 |
| 55) | Dibenzofuran | 14.893 | 168 | 3589985 | 46.216 | ng | | 98 |
| 56) | 4-Nitrophenol | 14.722 | 139 | 956964 | 101.164 | ng | | 91 |
| 57) | 2,4-Dinitrotoluene | 14.857 | 165 | 856515 | 49.853 | ng | # | 89 |
| 58) | Fluorene | 15.540 | 166 | 2833491 | 46.183 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 798471 | 47.111 | ng | # | 87 |
| 60) | Diethylphthalate | 15.316 | 149 | 2904750 | 48.608 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.534 | 204 | 1576174 | 47.159 | ng | | 99 |
| 62) | 4-Nitroaniline | 15.563 | 138 | 548313 | 43.098 | ng | | 88 |
| 63) | Azobenzene | 15.828 | 77 | 2382159 | 48.015 | ng | | 95 |
| 65) | 4,6-Dinitro-2-methylph... | 15.628 | 198 | 323380 | 43.531 | ng | | 93 |
| 66) | n-Nitrosodiphenylamine | 15.751 | 169 | 2531439 | 52.898 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.434 | 248 | 955332 | 51.454 | ng | | 100 |
| 68) | Hexachlorobenzene | 16.551 | 284 | 1016188 | 47.762 | ng | | 96 |
| 69) | Atrazine | 16.710 | 200 | 875551 | 49.234 | ng | | 99 |
| 70) | Pentachlorophenol | 16.904 | 266 | 1176688 | 103.829 | ng | | 99 |
| 71) | Phenanthrene | 17.287 | 178 | 4169552 | 49.805 | ng | | 99 |
| 72) | Anthracene | 17.381 | 178 | 4040411 | 48.110 | ng | | 99 |
| 73) | Carbazole | 17.651 | 167 | 3354281 | 46.450 | ng | | 99 |
| 74) | Di-n-butylphthalate | 18.204 | 149 | 4428597 | 50.960 | ng | | 99 |
| 75) | Fluoranthene | 19.257 | 202 | 4327784 | 46.486 | ng | | 97 |
| 77) | Benzidine | 19.439 | 184 | 1802466 | 40.089 | ng | | 98 |
| 78) | Pyrene | 19.610 | 202 | 4328645 | 48.744 | ng | | 98 |
| 80) | Butylbenzylphthalate | 20.480 | 149 | 1649047 | 46.172 | ng | | 97 |
| 81) | Benzo(a)anthracene | 21.322 | 228 | 4212037 | 49.193 | ng | | 98 |
| 82) | 3,3'-Dichlorobenzidine | 21.251 | 252 | 1366638 | 36.946 | ng | | 99 |
| 83) | Chrysene | 21.375 | 228 | 4070856 | 49.046 | ng | | 98 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 2455112 | 44.389 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 22.174 | 149 | 4341864 | 46.405 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.292 | 276 | 5728863 | 47.451 | ng | | 98 |
| 88) | Benzo(b)fluoranthene | 23.022 | 252 | 4934224 | 50.428 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 23.069 | 252 | 4353149 | 45.961 | ng | | 99 |
| 90) | Benzo(a)pyrene | 23.651 | 252 | 4655450 | 49.293 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.304 | 278 | 4719773 | 45.975 | ng | | 98 |
| 92) | Benzo(g,h,i)perylene | 27.068 | 276 | 4797409 | 47.862 | ng | | 99 |

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

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