Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139385.D
Acq On : 16 Sep 2024 18:23
Operator : RC/JU
Sample : P3947-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RW-1MSD

Quant Time: Sep 17 01:37:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 58657 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.163 | 136 | 210860 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 103397 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 155991 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 92472 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 73636 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 423232 | 117.708 | ng | | 0.01 |
| 7) Phenol-d6 | 6.510 | 99 | 550215 | 116.584 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 380087 | 84.741 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 113124 | 102.767 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 618944 | 83.956 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 417283 | 74.068 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.740 | 88 | 58290 | 40.407 | ng | | 100 |
| 3) Pyridine | 3.481 | 79 | 146330 | 46.008 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.440 | 42 | 130780 | 47.440 | ng | | 100 |
| 6) Aniline | 6.545 | 93 | 123596 | 34.702 | ng | | 96 |
| 8) 2-Chlorophenol | 6.663 | 128 | 178073 | 48.112 | ng | | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 38640 | 14.171 | ng | | 98 |
| 10) Phenol | 6.528 | 94 | 231217 | 48.103 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 174522 | 47.770 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 194580 | 46.226 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 195749 | 46.019 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 184292 | 45.851 | ng | | 99 |
| 15) Benzyl Alcohol | 7.022 | 79 | 183654 | 48.775 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 303221 | 53.855 | ng | | 97 |
| 17) 2-Methylphenol | 7.134 | 107 | 142163 | 48.344 | ng | | 100 |
| 18) Hexachloroethane | 7.392 | 117 | 74468 | 45.963 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 145290 | 51.950 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.286 | 107 | 193379 | 48.200 | ng | # | 89 |
| 22) Acetophenone | 7.286 | 105 | 269087 | 48.814 | ng | | 97 |
| 24) Nitrobenzene | 7.463 | 77 | 216224 | 46.839 | ng | | 99 |
| 25) Isophorone | 7.698 | 82 | 363754 | 51.280 | ng | | 98 |
| 26) 2-Nitrophenol | 7.775 | 139 | 91764 | 51.023 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 143914 | 60.662 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 209298 | 51.771 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 144531 | 47.956 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 161809 | 46.078 | ng | | 98 |
| 31) Naphthalene | 8.186 | 128 | 527657 | 47.933 | ng | | 100 |
| 32) Benzoic acid | 7.934 | 122 | 100154 | 45.112 | ng | | 99 |
| 33) 4-Chloroaniline | 8.233 | 127 | 38923 | 11.558 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 112329 | 47.083 | ng | | 99 |
| 35) Caprolactam | 8.598 | 113 | 42262 | 45.586 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 158129 | 45.909 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 335398 | 48.002 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 307627 | 44.845 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 160144 | 52.260 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 111650 | 104.351 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 102312 | 51.319 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 102439 | 48.711 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 411676 | 51.753 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 294372 | 49.494 | ng | 98 |
| 48) 2-Nitroaniline | 9.457 | 65 | 109312 | 49.413 | ng | 99 |
| 49) Acenaphthylene | 9.775 | 152 | 468990 | 52.384 | ng | 100 |
| 50) Dimethylphthalate | 9.639 | 163 | 360922 | 53.183 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 72055 | 47.928 | ng | 99 |
| 52) Acenaphthene | 9.945 | 154 | 317875 | 50.872 | ng | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 47680 | 31.734 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 54408 | 64.947 | ng | 97 |
| 55) Dibenzofuran | 10.122 | 168 | 416015 | 47.767 | ng | 97 |
| 56) 4-Nitrophenol | 10.027 | 139 | 99269 | 79.848 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 91488 | 45.075 | ng | 98 |
| 58) Fluorene | 10.463 | 166 | 325108 | 45.751 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 77669 | 44.647 | ng | 98 |
| 60) Diethylphthalate | 10.333 | 149 | 349864 | 49.957 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 161419 | 46.742 | ng | 100 |
| 62) 4-Nitroaniline | 10.475 | 138 | 58383 | 35.604 | ng | 99 |
| 63) Azobenzene | 10.610 | 77 | 357744 | 51.936 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 33637 | 40.856 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 264084 | 57.905 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 86930 | 56.235 | ng | 100 |
| 68) Hexachlorobenzene | 11.004 | 284 | 92925 | 51.220 | ng | 98 |
| 69) Atrazine | 11.098 | 200 | 80471 | 74.116 | ng | 98 |
| 70) Pentachlorophenol | 11.198 | 266 | 109192 | 100.304 | ng | 98 |
| 71) Phenanthrene | 11.422 | 178 | 489574 | 65.052 | ng | 99 |
| 72) Anthracene | 11.474 | 178 | 409426 | 55.642 | ng | 99 |
| 73) Carbazole | 11.627 | 167 | 349493 | 49.626 | ng | 99 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 443766 | 56.565 | ng | 100 |
| 75) Fluoranthene | 12.610 | 202 | 528350 | 65.739 | ng | 100 |
| 77) Benzidine | 12.727 | 184 | 79648 | 60.118 | ng | 99 |
| 78) Pyrene | 12.839 | 202 | 527119 | 66.388 | ng | 100 |
| 80) Butylbenzylphthalate | 13.451 | 149 | 162905 | 60.277 | ng | 99 |
| 81) Benzo(a)anthracene | 14.021 | 228 | 363951 | 59.417 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.986 | 252 | 65011 | 36.242 | ng | 99 |
| 83) Chrysene | 14.063 | 228 | 331092 | 58.753 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 209390 | 60.903 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.621 | 149 | 305395 | 60.316 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.968 | 276 | 207031 | 47.282 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.068 | 252 | 274928 | 60.538 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.098 | 252 | 224182 | 53.539 | ng | 100 |
| 90) Benzo(a)pyrene | 15.439 | 252 | 223698 | 59.393 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 161747 | 44.704 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.409 | 276 | 155354 | 43.365 | ng | 98 |

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

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