Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138357.D
Acq On : 26 Jun 2024 17:58
Operator : CG\JU
Sample : P2915-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-NORTH-1MSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:54:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 213920 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.163 | 136 | 834367 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 453527 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 763863 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 404189 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.510 | 264 | 469969 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 1258943 | 98.448 | ng | | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 1574986 | 97.128 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 989533 | 69.043 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 492305 | 109.039 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 1885518 | 66.110 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.986 | 244 | 1725943 | 67.632 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.734 | 88 | 224167 | 38.305 | ng | | 96 |
| 3) Pyridine | 3.487 | 79 | 580449 | 41.732 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.446 | 42 | 278943 | 43.334 | ng | | 90 |
| 6) Aniline | 6.545 | 93 | 561008 | 35.358 | ng | | 96 |
| 8) 2-Chlorophenol | 6.669 | 128 | 671474 | 48.568 | ng | | 99 |
| 9) Benzaldehyde | 6.428 | 77 | 128414 | 14.910 | ng | | 99 |
| 10) Phenol | 6.528 | 94 | 793827 | 48.239 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 604179 | 45.874 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 691120 | 43.986 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 696345 | 44.039 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 671729 | 45.254 | ng | | 99 |
| 15) Benzyl Alcohol | 7.022 | 79 | 536829 | 49.099 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 757218 | 40.737 | ng | | 96 |
| 17) 2-Methylphenol | 7.134 | 107 | 518833 | 47.565 | ng | | 99 |
| 18) Hexachloroethane | 7.392 | 117 | 245407 | 45.812 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 417342 | 43.419 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 605375 | 44.093 | ng | | 97 |
| 22) Acetophenone | 7.292 | 105 | 766580 | 40.219 | ng | # | 93 |
| 24) Nitrobenzene | 7.463 | 77 | 645483 | 43.576 | ng | | 95 |
| 25) Isophorone | 7.704 | 82 | 1179924 | 45.515 | ng | | 100 |
| 26) 2-Nitrophenol | 7.781 | 139 | 365789 | 61.411 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 449436 | 49.596 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 738540 | 45.510 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 552519 | 47.357 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.104 | 180 | 606591 | 44.086 | ng | | 98 |
| 31) Naphthalene | 8.187 | 128 | 1806584 | 43.788 | ng | | 99 |
| 32) Benzoic acid | 7.945 | 122 | 386624 | 48.407 | ng | | 98 |
| 33) 4-Chloroaniline | 8.228 | 127 | 261002 | 16.926 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 354278 | 44.026 | ng | | 98 |
| 35) Caprolactam | 8.610 | 113 | 171632m | 48.728 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 567749 | 48.875 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 1206522 | 44.559 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 1123373 | 42.337 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 557234 | 42.046 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.028 | 237 | 492924 | 114.067 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 415335 | 50.051 | ng | | 98 |

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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 | 9.192 | 196 | 439749 | 48.255 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 1399208 | 42.045 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 1170668 | 44.511 | ng | | 98 |
| 48) 2-Nitroaniline | 9.463 | 65 | 331133 | 52.279 | ng | | 88 |
| 49) Acenaphthylene | 9.781 | 152 | 1797137 | 48.729 | ng | | 99 |
| 50) Dimethylphthalate | 9.639 | 163 | 1397402 | 50.288 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 319724 | 53.037 | ng | | 87 |
| 52) Acenaphthene | 9.951 | 154 | 1220146m | 48.518 | ng | | |
| 53) 3-Nitroaniline | 9.869 | 138 | 195341 | 30.332 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 307336 | 94.015 | ng | # | 88 |
| 55) Dibenzofuran | 10.128 | 168 | 1593293 | 45.321 | ng | | 98 |
| 56) 4-Nitrophenol | 10.033 | 139 | 470670 | 92.484 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 425662 | 57.248 | ng | | 94 |
| 58) Fluorene | 10.469 | 166 | 1209356 | 43.752 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 349782 | 49.113 | ng | | 99 |
| 60) Diethylphthalate | 10.339 | 149 | 1321200 | 50.096 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 629893 | 45.756 | ng | | 99 |
| 62) 4-Nitroaniline | 10.486 | 138 | 302019 | 46.938 | ng | | 97 |
| 63) Azobenzene | 10.616 | 77 | 1193106 | 45.156 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 221759 | 55.677 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 1111406 | 47.525 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 408066 | 47.409 | ng | # | 90 |
| 68) Hexachlorobenzene | 11.010 | 284 | 462752 | 46.069 | ng | | 99 |
| 69) Atrazine | 11.104 | 200 | 345892 | 51.928 | ng | | 99 |
| 70) Pentachlorophenol | 11.204 | 266 | 488309 | 83.354 | ng | | 97 |
| 71) Phenanthrene | 11.427 | 178 | 1725867 | 45.687 | ng | | 99 |
| 72) Anthracene | 11.480 | 178 | 1753255 | 46.746 | ng | | 99 |
| 73) Carbazole | 11.633 | 167 | 1483445 | 43.123 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 1913964 | 53.744 | ng | | 99 |
| 75) Fluoranthene | 12.616 | 202 | 1594696 | 41.398 | ng | | 98 |
| 77) Benzidine | 12.733 | 184 | 468212 | 100.149 | ng | | 98 |
| 78) Pyrene | 12.845 | 202 | 1595490 | 45.764 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 623833 | 65.783 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 1255430 | 48.415 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 313429 | 43.893 | ng | | 98 |
| 83) Chrysene | 14.068 | 228 | 1218284 | 49.290 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 808452 | 73.299 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 1352017 | 82.513 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.986 | 276 | 1414898 | 46.182 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.080 | 252 | 1318911 | 47.589 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.110 | 252 | 1278356 | 47.066 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.451 | 252 | 1224658 | 51.436 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.004 | 278 | 1159196 | 46.096 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.433 | 276 | 1042537 | 40.074 | ng | | 99 |

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

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