Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140639.D
Acq On : 26 Nov 2024 14:03
Operator : RC/JU
Sample : P4860-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PH2-BOT-006MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 14:26:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 72875 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 271368 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 144034 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 272823 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 144480 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 156989 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 443633 | 103.867 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 584236 | 103.467 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 377912 | 71.233 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 167747 | 108.895 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 710421 | 73.489 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 779258 | 83.984 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.657 | 88 | 79542 | 44.293 | ng | 98 |
| 3) Pyridine | 3.428 | 79 | 192802 | 48.796 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.375 | 42 | 107349 | 46.227 | ng | 97 |
| 6) Aniline | 6.534 | 93 | 146418 | 36.841 | ng | 92 |
| 8) 2-Chlorophenol | 6.657 | 128 | 223335 | 48.603 | ng | 97 |
| 9) Benzaldehyde | 6.422 | 77 | 18599 | 6.222 | ng | 99 |
| 10) Phenol | 6.522 | 94 | 278171 | 48.239 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 208272 | 47.198 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 238881 | 46.265 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 240428 | 45.988 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 227344 | 46.408 | ng | 100 |
| 15) Benzyl Alcohol | 7.016 | 79 | 202443 | 48.345 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 256362 | 49.176 | ng | 98 |
| 17) 2-Methylphenol | 7.128 | 107 | 171173 | 46.535 | ng | 97 |
| 18) Hexachloroethane | 7.381 | 117 | 89375 | 45.772 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 154926 | 46.425 | ng | 97 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 220678 | 46.675 | ng | 96 |
| 22) Acetophenone | 7.281 | 105 | 301891 | 45.632 | ng | 98 |
| 24) Nitrobenzene | 7.451 | 77 | 241159 | 43.981 | ng | 99 |
| 25) Isophorone | 7.692 | 82 | 411193 | 46.469 | ng | 99 |
| 26) 2-Nitrophenol | 7.769 | 139 | 117437 | 48.330 | ng | 97 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 162312m | 55.828 | ng | |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 250883 | 46.540 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 182253 | 47.309 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 194646 | 44.252 | ng | 100 |
| 31) Naphthalene | 8.175 | 128 | 646180 | 46.229 | ng | 99 |
| 32) Benzoic acid | 7.933 | 122 | 101818 | 41.406 | ng | 96 |
| 33) 4-Chloroaniline | 8.228 | 127 | 83516 | 19.956 | ng | 99 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 128456 | 44.091 | ng | 99 |
| 35) Caprolactam | 8.586 | 113 | 56877m | 47.707 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 197751 | 45.847 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 414518 | 46.690 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 381148 | 43.798 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.033 | 216 | 202324 | 47.983 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 135863 | 137.572 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 127748 | 48.282 | ng | 99 |

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Sample : P4860-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 14:26:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PH2-BOT-006MS

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Reviewed By :Yogesh Patel 11/27/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 139416 | 48.551 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 514692 | 47.862 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 382485 | 46.940 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 125839 | 48.114 | ng | 95 |
| 49) Acenaphthylene | 9.769 | 152 | 630563 | 51.217 | ng | 99 |
| 50) Dimethylphthalate | 9.627 | 163 | 454611 | 47.924 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 99188 | 46.104 | ng | 97 |
| 52) Acenaphthene | 9.939 | 154 | 375033 | 47.942 | ng | 98 |
| 53) 3-Nitroaniline | 9.863 | 138 | 57822 | 27.480 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 98260 | 87.387 | ng | 95 |
| 55) Dibenzofuran | 10.116 | 168 | 572484 | 47.979 | ng | 100 |
| 56) 4-Nitrophenol | 10.039 | 139 | 152831 | 106.501 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 135674 | 47.451 | ng | 97 |
| 58) Fluorene | 10.457 | 166 | 453902 | 47.392 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 112703 | 51.069 | ng | 94 |
| 60) Diethylphthalate | 10.327 | 149 | 451967 | 46.895 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 224254 | 47.711 | ng | 99 |
| 62) 4-Nitroaniline | 10.480 | 138 | 100696 | 45.629 | ng | 96 |
| 63) Azobenzene | 10.610 | 77 | 524784 | 57.497 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 71190 | 51.064 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 387249 | 47.998 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 130003 | 46.270 | ng | 97 |
| 68) Hexachlorobenzene | 11.010 | 284 | 148605 | 45.678 | ng | 100 |
| 69) Atrazine | 11.098 | 200 | 129488 | 57.050 | ng | 98 |
| 70) Pentachlorophenol | 11.210 | 266 | 144797 | 101.125 | ng | 99 |
| 71) Phenanthrene | 11.421 | 178 | 647201 | 49.351 | ng | 100 |
| 72) Anthracene | 11.474 | 178 | 648791 | 50.575 | ng | 100 |
| 73) Carbazole | 11.633 | 167 | 614631 | 49.804 | ng | 100 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 707026 | 49.624 | ng | 99 |
| 75) Fluoranthene | 12.616 | 202 | 684156 | 48.049 | ng | 99 |
| 77) Benzidine | 12.739 | 184 | 68757 | 16.368 | ng | 99 |
| 78) Pyrene | 12.845 | 202 | 686681 | 51.402 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 269712 | 56.045 | ng | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 484677 | 50.677 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 93315 | 32.497 | ng | 99 |
| 83) Chrysene | 14.074 | 228 | 418366 | 47.839 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 354267 | 58.299 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 475051 | 57.203 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 469230 | 45.864 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 447398 | 45.372 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 401777 | 46.561 | ng | 99 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 415830 | 51.865 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.056 | 278 | 391712 | 46.751 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.503 | 276 | 334296 | 39.099 | ng | 98 |

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

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ALS Vial : 12 Sample Multiplier: 1

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Response via : Initial Calibration

**Instrument :**
BNA_F
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