Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140613.D
Acq On : 25 Nov 2024 19:52
Operator : RC/JU
Sample : P4892-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WB-310-BOTMS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 01:33:09 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 | 62131 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 221607 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 122175 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 233749 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 142609 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 139916 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 480816 | 132.039 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 577527 | 119.966 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 431155 | 99.517 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 207310 | 158.655 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 793877 | 96.815 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 953400 | 104.101 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.710 | 88 | 60736 | 39.670 | ng | | 98 |
| 3) Pyridine | 3.469 | 79 | 135391 | 40.192 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.393 | 42 | 84881 | 42.872 | ng | | 94 |
| 6) Aniline | 6.534 | 93 | 98042 | 28.934 | ng | # | 70 |
| 8) 2-Chlorophenol | 6.663 | 128 | 180708 | 46.126 | ng | | 95 |
| 9) Benzaldehyde | 6.428 | 77 | 7314 | 2.870 | ng | | 96 |
| 10) Phenol | 6.522 | 94 | 207548 | 42.215 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 165298 | 43.937 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 137092 | 31.143 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 142773 | 32.032 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 143542 | 34.368 | ng | | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 173262 | 48.531 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 192626 | 43.340 | ng | | 88 |
| 17) 2-Methylphenol | 7.128 | 107 | 146144 | 46.601 | ng | | 99 |
| 18) Hexachloroethane | 7.381 | 117 | 50313 | 30.223 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 133035 | 46.759 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 189738 | 47.071 | ng | # | 88 |
| 22) Acetophenone | 7.281 | 105 | 258375 | 47.824 | ng | | 98 |
| 24) Nitrobenzene | 7.451 | 77 | 198594 | 44.351 | ng | | 99 |
| 25) Isophorone | 7.692 | 82 | 362961 | 50.228 | ng | | 99 |
| 26) 2-Nitrophenol | 7.769 | 139 | 95271 | 48.012 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 151571m | 63.841 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 214347 | 48.690 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 162076 | 51.518 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 148140 | 41.241 | ng | | 98 |
| 31) Naphthalene | 8.175 | 128 | 509377 | 44.625 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 95012 | 46.288 | ng | | 99 |
| 33) 4-Chloroaniline | 8.228 | 127 | 44466 | 13.011 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 91159 | 38.315 | ng | | 99 |
| 35) Caprolactam | 8.586 | 113 | 43981m | 45.174 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 180333 | 51.197 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 356471 | 49.167 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 332678 | 46.813 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 176202 | 49.264 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 131931 | 156.436 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 115856 | 51.622 | ng | | 98 |

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Operator : RC/JU
Sample : P4892-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WB-310-BOTMS

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

Quant Time: Nov 26 01:33:09 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) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 126594 | 51.974 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 451328 | 49.479 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 339951 | 49.185 | ng | 99 |
| 48) 2-Nitroaniline | 9.451 | 65 | 121982 | 54.983 | ng | 99 |
| 49) Acenaphthylene | 9.769 | 152 | 576890 | 55.241 | ng | 99 |
| 50) Dimethylphthalate | 9.628 | 163 | 423095 | 52.582 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.692 | 165 | 92350 | 50.606 | ng | 98 |
| 52) Acenaphthene | 9.939 | 154 | 347150 | 52.317 | ng | 99 |
| 53) 3-Nitroaniline | 9.863 | 138 | 40331 | 22.597 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 95599 | 99.083 | ng | 99 |
| 55) Dibenzofuran | 10.116 | 168 | 529228 | 52.289 | ng | 99 |
| 56) 4-Nitrophenol | 10.039 | 139 | 130842 | 107.491 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 131881 | 54.377 | ng | 97 |
| 58) Fluorene | 10.457 | 166 | 430529 | 52.995 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 109906 | 58.712 | ng | 95 |
| 60) Diethylphthalate | 10.328 | 149 | 424041 | 51.869 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 207770 | 52.113 | ng | 98 |
| 62) 4-Nitroaniline | 10.480 | 138 | 100087 | 53.467 | ng | 97 |
| 63) Azobenzene | 10.610 | 77 | 407336 | 52.614 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 69222 | 57.952 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 366728 | 53.052 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 124486 | 51.713 | ng | 96 |
| 68) Hexachlorobenzene | 11.004 | 284 | 143124 | 51.347 | ng | 96 |
| 69) Atrazine | 11.092 | 200 | 121415 | 62.436 | ng | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 145390 | 118.513 | ng | 99 |
| 71) Phenanthrene | 11.422 | 178 | 627848 | 55.878 | ng | 100 |
| 72) Anthracene | 11.474 | 178 | 635239 | 57.796 | ng | 100 |
| 73) Carbazole | 11.633 | 167 | 605108 | 57.229 | ng | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 666795 | 54.624 | ng | 99 |
| 75) Fluoranthene | 12.616 | 202 | 700692 | 57.436 | ng | 99 |
| 77) Benzidine | 12.733 | 184 | 73119 | 17.635 | ng | 100 |
| 78) Pyrene | 12.845 | 202 | 713798 | 54.133 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 243532 | 51.269 | ng | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 503621 | 53.349 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 75498 | 26.637 | ng | 99 |
| 83) Chrysene | 14.074 | 228 | 474768 | 55.001 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 312333 | 52.073 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 448346 | 54.696 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.045 | 276 | 520377 | 57.070 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 435157 | 49.515 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 424758 | 55.231 | ng | 100 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 420698 | 58.875 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.056 | 278 | 424791 | 56.886 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.503 | 276 | 386129 | 50.673 | ng | 99 |

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

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ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

**Instrument :**
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