Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138220.D
Acq On : 18 Jun 2024 12:52
Operator : CG\JU
Sample : PB161536BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 13:23:57 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

**Instrument :**
BNA_F
**ClientSampleId :**
PB161536BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 427195 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 1744815 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.933 | 164 | 964312 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 1702932 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 1063642 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 849049 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.528 | 112 | 2999923 | 117.472 | ng | | 0.02 |
| 7) Phenol-d6 | 6.528 | 99 | 3830060 | 118.276 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 2353139 | 78.513 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 1138130 | 118.556 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 4131565 | 68.129 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.004 | 244 | 4832393 | 71.957 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.799 | 88 | 367510 | 31.447 | ng | | 99 |
| 3) Pyridine | 3.546 | 79 | 900353 | 32.415 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 538297 | 41.875 | ng | | 94 |
| 6) Aniline | 6.557 | 93 | 824320 | 26.016 | ng | | 99 |
| 8) 2-Chlorophenol | 6.681 | 128 | 1259748 | 45.628 | ng | | 98 |
| 9) Benzaldehyde | 6.445 | 77 | 546488 | 31.774 | ng | | 99 |
| 10) Phenol | 6.545 | 94 | 1477347m | 44.955 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 1174137 | 44.642 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 1216795 | 38.780 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 1240244 | 39.278 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 1204181 | 40.624 | ng | | 99 |
| 15) Benzyl Alcohol | 7.040 | 79 | 1017007 | 46.579 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 1571579 | 42.338 | ng | | 98 |
| 17) 2-Methylphenol | 7.145 | 107 | 979579 | 44.970 | ng | | 99 |
| 18) Hexachloroethane | 7.404 | 117 | 447577 | 41.840 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 822847 | 42.868 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 1146046 | 41.800 | ng | | 95 |
| 22) Acetophenone | 7.304 | 105 | 1559570 | 39.128 | ng | # | 92 |
| 24) Nitrobenzene | 7.481 | 77 | 1237735 | 39.957 | ng | | 94 |
| 25) Isophorone | 7.716 | 82 | 2291101 | 42.262 | ng | | 98 |
| 26) 2-Nitrophenol | 7.792 | 139 | 661533 | 53.109 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 862782m | 45.529 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 1431521 | 42.183 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 1035367 | 42.437 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 1126590 | 39.155 | ng | | 100 |
| 31) Naphthalene | 8.198 | 128 | 3362701 | 38.976 | ng | | 99 |
| 32) Benzoic acid | 7.963 | 122 | 866224 | 51.863 | ng | | 98 |
| 33) 4-Chloroaniline | 8.245 | 127 | 699565 | 21.694 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 629287 | 37.396 | ng | | 98 |
| 35) Caprolactam | 8.628 | 113 | 357272m | 48.505 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.728 | 107 | 1079444 | 44.436 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 2217540 | 39.163 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 2075358 | 37.402 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 1080869 | 38.357 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 904782 | 98.471 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 765633 | 43.393 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138220.D
Acq On : 18 Jun 2024 12:52
Operator : CG\JU
Sample : PB161536BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 13:23:57 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

**Instrument :**
BNA_F
**ClientSampleId :**
PB161536BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 822360 | 42.441 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 2702907 | 38.198 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.381 | 162 | 2137836 | 38.229 | ng | 99 |
| 48) 2-Nitroaniline | 9.475 | 65 | 662501 | 49.193 | ng | 96 |
| 49) Acenaphthylene | 9.792 | 152 | 3249551 | 41.440 | ng | 100 |
| 50) Dimethylphthalate | 9.657 | 163 | 2525938 | 42.752 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 595771 | 46.480 | ng | 94 |
| 52) Acenaphthene | 9.969 | 154 | 2311167 | 43.222 | ng | 100 |
| 53) 3-Nitroaniline | 9.886 | 138 | 476301 | 34.784 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.992 | 184 | 638429 | 92.482 | ng | 96 |
| 55) Dibenzofuran | 10.139 | 168 | 2943046 | 39.372 | ng | 98 |
| 56) 4-Nitrophenol | 10.051 | 139 | 1068280 | 98.723 | ng | 91 |
| 57) 2,4-Dinitrotoluene | 10.122 | 165 | 800634 | 50.643 | ng | 94 |
| 58) Fluorene | 10.480 | 166 | 2268994 | 38.606 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 677068 | 44.711 | ng | 98 |
| 60) Diethylphthalate | 10.357 | 149 | 2422476 | 43.200 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 1152393 | 39.370 | ng | 97 |
| 62) 4-Nitroaniline | 10.504 | 138 | 601445 | 43.961 | ng | 99 |
| 63) Azobenzene | 10.633 | 77 | 2358534 | 41.982 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198 | 439212 | 50.237 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 2094039 | 40.165 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 776253 | 40.453 | ng | 96 |
| 68) Hexachlorobenzene | 11.022 | 284 | 885535 | 39.544 | ng | 96 |
| 69) Atrazine | 11.122 | 200 | 711338 | 47.902 | ng | 97 |
| 70) Pentachlorophenol | 11.222 | 266 | 1050197 | 80.412 | ng | 97 |
| 71) Phenanthrene | 11.445 | 178 | 3331759 | 39.562 | ng | 99 |
| 72) Anthracene | 11.492 | 178 | 3363677 | 40.228 | ng | 99 |
| 73) Carbazole | 11.645 | 167 | 3147018 | 41.035 | ng | 99 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 3546194 | 44.666 | ng | 99 |
| 75) Fluoranthene | 12.627 | 202 | 3546247 | 41.295 | ng | 97 |
| 77) Benzidine | 12.745 | 184 | 109275 | 8.882 | ng | 100 |
| 78) Pyrene | 12.857 | 202 | 3607274 | 39.318 | ng | 98 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 1450723 | 58.132 | ng | 96 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 2865857 | 41.998 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 764417 | 40.679 | ng | 99 |
| 83) Chrysene | 14.080 | 228 | 2749779 | 42.276 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 1694852 | 58.393 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 2411192 | 55.919 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.009 | 276 | 2706555 | 48.899 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 2581927 | 51.567 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 2226000 | 45.364 | ng | 99 |
| 90) Benzo(a)pyrene | 15.463 | 252 | 2145775 | 49.885 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278 | 2237149 | 49.242 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 2181932 | 46.425 | ng | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138220.D
Acq On : 18 Jun 2024 12:52
Operator : CG\JU
Sample : PB161536BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 13:23:57 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

**Instrument :**
BNA_F
**ClientSampleId :**
PB161536BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024