Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128482.D
Acq On : 26 May 2022 19:27
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 27 00:58:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 00:56:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.845 | 152 | 236164 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.128 | 136 | 829451 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.886 | 164 | 455686 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.369 | 188 | 821075 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.015 | 240 | 491951 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.474 | 264 | 427916 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.457 | 112 | 1524756 | 102.744 | ng | 0.00 |
| 7) Phenol-d6 | 6.475 | 99 | 1945976 | 99.582 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.416 | 82 | 1753433 | 94.716 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.674 | 330 | 492329 | 104.762 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.210 | 172 | 2850046 | 102.281 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.963 | 244 | 2898068 | 113.720 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.628 | 88 | 365260 | 50.247 | ng | 97 |
| 3) Pyridine | 3.369 | 79 | 936257 | 49.732 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.340 | 42 | 503722 | 56.244 | ng | 98 |
| 6) Aniline | 6.551 | 93 | 1158137m | 51.816 | ng | |
| 8) 2-Chlorophenol | 6.634 | 128 | 785837 | 51.792 | ng | 99 |
| 9) Benzaldehyde | 6.392 | 77 | 405142 | 35.307 | ng | 97 |
| 10) Phenol | 6.492 | 94 | 978670m | 47.095 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.586 | 93 | 832148 | 53.655 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.786 | 146 | 899125 | 52.770 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.863 | 146 | 897146 | 51.888 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.016 | 146 | 810401 | 50.551 | ng | 98 |
| 15) Benzyl Alcohol | 6.986 | 79 | 745472 | 51.531 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45 | 1420838 | 62.125 | ng | 99 |
| 17) 2-Methylphenol | 7.092 | 107 | 687808 | 53.979 | ng | 98 |
| 18) Hexachloroethane | 7.357 | 117 | 333600 | 52.085 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 592138 | 50.665 | ng | 99 |
| 20) 3+4-Methylphenols | 7.251 | 107 | 777566 | 50.685 | ng | 94 |
| 22) Acetophenone | 7.263 | 105 | 1031518 | 51.083 | ng | 99 |
| 24) Nitrobenzene | 7.433 | 77 | 844063 | 48.713 | ng | 100 |
| 25) Isophorone | 7.675 | 82 | 1545465 | 54.476 | ng | 99 |
| 26) 2-Nitrophenol | 7.745 | 139 | 397187 | 52.895 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.781 | 122 | 677039 | 61.926 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.881 | 93 | 970145 | 54.106 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.981 | 162 | 699210 | 59.001 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.069 | 180 | 743711 | 55.265 | ng | 100 |
| 31) Naphthalene | 8.151 | 128 | 2199827 | 54.423 | ng | 99 |
| 32) Benzoic acid | 7.922 | 122 | 584012 | 75.022 | ng | 97 |
| 33) 4-Chloroaniline | 8.198 | 127 | 900925 | 55.701 | ng | 99 |
| 34) Hexachlorobutadiene | 8.269 | 225 | 468943 | 53.804 | ng | 99 |
| 35) Caprolactam | 8.598 | 113 | 226627m | 59.246 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.680 | 107 | 723220 | 56.316 | ng | 96 |
| 37) 2-Methylnaphthalene | 8.839 | 142 | 1398264 | 52.758 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.939 | 142 | 1350126 | 52.960 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.004 | 216 | 684303 | 51.500 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.992 | 237 | 418139 | 111.585 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.116 | 196 | 543645 | 64.827 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128482.D
Acq On : 26 May 2022 19:27
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 27 00:58:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 00:56:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.151 | 196 | 531261 | 59.555 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 9.310 | 154 | 1712816 | 52.018 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.333 | 162 | 1373795 | 56.247 | ng | | 99 |
| 48) 2-Nitroaniline | 9.427 | 65 | 458300 | 51.793 | ng | | 97 |
| 49) Acenaphthylene | 9.751 | 152 | 2096739 | 57.372 | ng | | 100 |
| 50) Dimethylphthalate | 9.616 | 163 | 1654680 | 57.004 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.675 | 165 | 345007 | 54.345 | ng | | 99 |
| 52) Acenaphthene | 9.922 | 154 | 1319352 | 57.488 | ng | | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 389962 | 54.570 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.939 | 184 | 162965 | 50.616 | ng | | 98 |
| 55) Dibenzofuran | 10.092 | 168 | 1906033 | 54.780 | ng | | 95 |
| 56) 4-Nitrophenol | 9.992 | 139 | 320680 | 78.022 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 10.074 | 165 | 432059 | 54.018 | ng | | 96 |
| 58) Fluorene | 10.433 | 166 | 1338430 | 49.082 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232 | 438247 | 59.810 | ng | | 100 |
| 60) Diethylphthalate | 10.316 | 149 | 1602393 | 57.287 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204 | 675736 | 50.281 | ng | | 94 |
| 62) 4-Nitroaniline | 10.463 | 138 | 383712 | 53.055 | ng | | 99 |
| 63) Azobenzene | 10.586 | 77 | 1631466 | 52.053 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198 | 240324 | 47.623 | ng | # | 77 |
| 66) n-Nitrosodiphenylamine | 10.551 | 169 | 1343632 | 56.526 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248 | 470797 | 54.789 | ng | | 93 |
| 68) Hexachlorobenzene | 10.980 | 284 | 516372 | 55.269 | ng | | 95 |
| 69) Atrazine | 11.080 | 200 | 413596 | 53.007 | ng | | 99 |
| 70) Pentachlorophenol | 11.169 | 266 | 334453 | 88.459 | ng | | 98 |
| 71) Phenanthrene | 11.398 | 178 | 2059542 | 51.398 | ng | | 99 |
| 72) Anthracene | 11.451 | 178 | 2088720 | 52.448 | ng | | 99 |
| 73) Carbazole | 11.604 | 167 | 2002619 | 50.425 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.939 | 149 | 2371912 | 54.674 | ng | | 99 |
| 75) Fluoranthene | 12.586 | 202 | 2199307 | 50.681 | ng | | 100 |
| 77) Benzidine | 12.704 | 184 | 500821 | 48.947 | ng | | 97 |
| 78) Pyrene | 12.815 | 202 | 2184294 | 59.301 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.439 | 149 | 953634 | 64.559 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.004 | 228 | 1605219 | 51.286 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.968 | 252 | 403918 | 56.550 | ng | | 98 |
| 83) Chrysene | 14.039 | 228 | 1679573 | 56.342 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149 | 1099908 | 56.309 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.615 | 149 | 1947521 | 62.045 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.939 | 276 | 1596913 | 65.383 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.051 | 252 | 1502671 | 56.451 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.080 | 252 | 1436390 | 57.613 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.415 | 252 | 1240637 | 58.059 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.962 | 278 | 1303653 | 66.522 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.386 | 276 | 1344496 | 65.761 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128482.D
Acq On : 26 May 2022 19:27
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 27 00:58:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 00:56:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022