Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138632.D
Acq On : 24 Jul 2024 11:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 20:37:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.857 | 152 | 80867 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.140 | 136 | 319755 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.892 | 164 | 174565 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.375 | 188 | 295991 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.010 | 240 | 128377 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 15.474 | 264 | 157034 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 415447 | 81.364 | ng | | -0.02 |
| 7) Phenol-d6 | 6.493 | 99 | 563896 | 83.017 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 530531 | 81.462 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.681 | 330 | 135445 | 83.019 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.210 | 172 | 884966 | 79.232 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.957 | 244 | 694321 | 88.110 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.610 | 88 | 93030 | 41.138 | ng | | 97 |
| 3) Pyridine | 3.363 | 79 | 230371 | 41.308 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.328 | 42 | 138917 | 38.265 | ng | | 88 |
| 6) Aniline | 6.522 | 93 | 257818 | 40.523 | ng | # | 87 |
| 8) 2-Chlorophenol | 6.646 | 128 | 220530 | 40.846 | ng | | 99 |
| 9) Benzaldehyde | 6.404 | 77 | 144018 | 39.612 | ng | | 96 |
| 10) Phenol | 6.510 | 94 | 297735 | 41.295 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.593 | 93 | 222483 | 40.985 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.798 | 146 | 244868 | 40.348 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.875 | 146 | 245814 | 39.887 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.028 | 146 | 228135 | 39.746 | ng | | 96 |
| 15) Benzyl Alcohol | 6.998 | 79 | 206926 | 40.593 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128 | 45 | 386217 | 36.180 | ng | | 82 |
| 17) 2-Methylphenol | 7.116 | 107 | 184895 | 41.785 | ng | | 96 |
| 18) Hexachloroethane | 7.363 | 117 | 94412 | 41.672 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 166399 | 39.646 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 227766 | 40.876 | ng | | 96 |
| 22) Acetophenone | 7.269 | 105 | 310019 | 39.920 | ng | | 98 |
| 24) Nitrobenzene | 7.440 | 77 | 271077 | 40.959 | ng | | 97 |
| 25) Isophorone | 7.681 | 82 | 451534 | 40.373 | ng | | 99 |
| 26) 2-Nitrophenol | 7.757 | 139 | 118942 | 41.931 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.793 | 122 | 139894 | 40.126 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.887 | 93 | 272972 | 40.839 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 181328 | 40.052 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.081 | 180 | 201176 | 38.145 | ng | | 97 |
| 31) Naphthalene | 8.157 | 128 | 668712 | 40.212 | ng | | 100 |
| 32) Benzoic acid | 7.922 | 122 | 122723 | 36.907 | ng | | 94 |
| 33) 4-Chloroaniline | 8.210 | 127 | 225752 | 38.690 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.275 | 225 | 123031 | 37.883 | ng | | 100 |
| 35) Caprolactam | 8.587 | 113 | 57694 | 39.492 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.692 | 107 | 206685 | 40.779 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.851 | 142 | 423792 | 39.600 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.945 | 142 | 410308 | 39.285 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.016 | 216 | 189959 | 39.044 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.998 | 237 | 72155 | 45.692 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.128 | 196 | 119291 | 38.438 | ng | | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138632.D
Acq On : 24 Jul 2024 11:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 20:37:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 129655 | 37.984 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.316 | 154 | 535798 | 40.501 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.339 | 162 | 394852 | 39.508 | ng | | 98 |
| 48) 2-Nitroaniline | 9.439 | 65 | 145786 | 42.095 | ng | | 97 |
| 49) Acenaphthylene | 9.751 | 152 | 574000 | 40.453 | ng | | 100 |
| 50) Dimethylphthalate | 9.616 | 163 | 451733 | 40.020 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.681 | 165 | 105394 | 40.552 | ng | | 91 |
| 52) Acenaphthene | 9.928 | 154 | 378632m | 40.143 | ng | | |
| 53) 3-Nitroaniline | 9.851 | 138 | 104265 | 39.142 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 48861 | 37.654 | ng | | 92 |
| 55) Dibenzofuran | 10.098 | 168 | 544534 | 39.803 | ng | | 99 |
| 56) 4-Nitrophenol | 10.016 | 139 | 71168 | 36.209 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.081 | 165 | 138217 | 41.103 | ng | | 97 |
| 58) Fluorene | 10.439 | 166 | 436535 | 40.327 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232 | 104276 | 38.708 | ng | | 97 |
| 60) Diethylphthalate | 10.310 | 149 | 441946 | 40.613 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.428 | 204 | 211639 | 38.935 | ng | | 92 |
| 62) 4-Nitroaniline | 10.463 | 138 | 103713 | 38.854 | ng | | 98 |
| 63) Azobenzene | 10.592 | 77 | 477515 | 40.815 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 74246 | 43.442 | ng | | 83 |
| 66) n-Nitrosodiphenylamine | 10.551 | 169 | 363670 | 41.009 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248 | 124856 | 41.041 | ng | | 98 |
| 68) Hexachlorobenzene | 10.986 | 284 | 137746 | 40.757 | ng | | 97 |
| 69) Atrazine | 11.075 | 200 | 108822 | 37.012 | ng | | 98 |
| 70) Pentachlorophenol | 11.181 | 266 | 72115 | 36.060 | ng | | 97 |
| 71) Phenanthrene | 11.404 | 178 | 602978 | 40.323 | ng | | 100 |
| 72) Anthracene | 11.451 | 178 | 592002 | 39.882 | ng | | 99 |
| 73) Carbazole | 11.610 | 167 | 518843 | 38.894 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.933 | 149 | 625693 | 40.692 | ng | | 99 |
| 75) Fluoranthene | 12.586 | 202 | 569354 | 37.313 | ng | | 98 |
| 77) Benzidine | 12.710 | 184 | 105752 | 32.650 | ng | | 99 |
| 78) Pyrene | 12.816 | 202 | 559006 | 42.895 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.427 | 149 | 171671 | 43.791 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.004 | 228 | 361825 | 42.004 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.963 | 252 | 97397 | 43.880 | ng | # | 99 |
| 83) Chrysene | 14.039 | 228 | 312707 | 38.374 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149 | 207672 | 49.670 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.598 | 149 | 362710 | 54.915 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.945 | 276 | 445014 | 42.189 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.045 | 252 | 359274 | 40.625 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.080 | 252 | 315096 | 36.532 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.416 | 252 | 310692 | 39.992 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.957 | 278 | 357984 | 41.489 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.392 | 276 | 374522 | 40.934 | ng | | 96 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138632.D
Acq On : 24 Jul 2024 11:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 20:37:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024