Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137000.D
Acq On : 08 Jan 2024 17:55
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:41:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.786 | 152 | 67875 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.063 | 136 | 259890 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.822 | 164 | 130750 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.316 | 188 | 239835 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 121386 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.456 | 264 | 121791 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 350204 | 80.504 | ng | | 0.00 |
| 7) Phenol-d6 | 6.439 | 99 | 440499 | 78.147 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.351 | 82 | 402996 | 79.348 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.616 | 330 | 117562 | 76.345 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.139 | 172 | 796859 | 81.970 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.910 | 244 | 741445 | 85.360 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.528 | 88 | 71368 | 39.375 | ng | | 95 |
| 3) Pyridine | 3.293 | 79 | 170619 | 38.581 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.269 | 42 | 87183 | 36.916 | ng | | 99 |
| 6) Aniline | 6.457 | 93 | 210296 | 37.315 | ng | # | 53 |
| 8) 2-Chlorophenol | 6.581 | 128 | 190819 | 40.084 | ng | | 94 |
| 9) Benzaldehyde | 6.345 | 77 | 119931 | 37.406 | ng | | 96 |
| 10) Phenol | 6.451 | 94 | 230629 | 38.328 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.528 | 93 | 177231 | 38.730 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.728 | 146 | 211153 | 40.659 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.804 | 146 | 209700 | 39.519 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.957 | 146 | 199430 | 40.390 | ng | | 98 |
| 15) Benzyl Alcohol | 6.934 | 79 | 144354 | 37.960 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063 | 45 | 279429 | 37.349 | ng | | 82 |
| 17) 2-Methylphenol | 7.051 | 107 | 154296 | 39.124 | ng | | 96 |
| 18) Hexachloroethane | 7.286 | 117 | 76015 | 39.445 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.204 | 70 | 128388 | 37.574 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.204 | 107 | 196914 | 39.966 | ng | # | 70 |
| 22) Acetophenone | 7.198 | 105 | 262159 | 40.245 | ng | # | 91 |
| 24) Nitrobenzene | 7.375 | 77 | 203182 | 39.936 | ng | | 95 |
| 25) Isophorone | 7.610 | 82 | 356617 | 38.589 | ng | | 98 |
| 26) 2-Nitrophenol | 7.686 | 139 | 102531 | 42.122 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.728 | 122 | 120802 | 40.764 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.816 | 93 | 220002 | 39.164 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.933 | 162 | 153758 | 40.301 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.004 | 180 | 172717 | 40.631 | ng | | 99 |
| 31) Naphthalene | 8.086 | 128 | 570079 | 39.928 | ng | | 100 |
| 32) Benzoic acid | 7.869 | 122 | 107308m | 37.424 | ng | | |
| 33) 4-Chloroaniline | 8.139 | 127 | 203973 | 38.693 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.198 | 225 | 102714 | 39.771 | ng | | 98 |
| 35) Caprolactam | 8.522 | 113 | 51495m | 40.914 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.633 | 107 | 165742 | 38.589 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.775 | 142 | 366735 | 39.912 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.875 | 142 | 355438 | 39.428 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.945 | 216 | 169616 | 41.888 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.922 | 237 | 48233 | 39.969 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.063 | 196 | 101723 | 39.171 | ng | | 94 |

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Data File : BF137000.D
Acq On : 08 Jan 2024 17:55
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 00:41:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.110 | 196 | 114541 | 39.581 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.245 | 154 | 455614 | 41.525 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.269 | 162 | 344404 | 41.290 | ng | 99 |
| 48) 2-Nitroaniline | 9.375 | 65 | 102542 | 39.258 | ng | 91 |
| 49) Acenaphthylene | 9.680 | 152 | 506925 | 39.761 | ng | 99 |
| 50) Dimethylphthalate | 9.545 | 163 | 371295 | 38.878 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.616 | 165 | 87438 | 40.341 | ng | 94 |
| 52) Acenaphthene | 9.857 | 154 | 320319 | 40.532 | ng | 100 |
| 53) 3-Nitroaniline | 9.786 | 138 | 89140 | 38.824 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 51301 | 44.448 | ng | 97 |
| 55) Dibenzofuran | 10.027 | 168 | 469388 | 39.182 | ng | 98 |
| 56) 4-Nitrophenol | 9.969 | 139 | 77420 | 49.950 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 10.022 | 165 | 108124 | 38.427 | ng | 93 |
| 58) Fluorene | 10.374 | 166 | 381847 | 40.171 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232 | 77490 | 34.786 | ng | 98 |
| 60) Diethylphthalate | 10.245 | 149 | 379436 | 38.292 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204 | 182102 | 39.413 | ng | 98 |
| 62) 4-Nitroaniline | 10.404 | 138 | 81239 | 36.703 | ng | 93 |
| 63) Azobenzene | 10.527 | 77 | 351443 | 37.973 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198 | 55375 | 40.288 | ng | 84 |
| 66) n-Nitrosodiphenylamine | 10.486 | 169 | 323807 | 41.562 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248 | 109200 | 40.998 | ng | 93 |
| 68) Hexachlorobenzene | 10.921 | 284 | 123551 | 41.624 | ng | 97 |
| 69) Atrazine | 11.016 | 200 | 74342 | 37.307 | ng | 100 |
| 70) Pentachlorophenol | 11.127 | 266 | 50308 | 36.361 | ng | 95 |
| 71) Phenanthrene | 11.339 | 178 | 501334 | 40.739 | ng | 99 |
| 72) Anthracene | 11.392 | 178 | 507238 | 40.700 | ng | 99 |
| 73) Carbazole | 11.551 | 167 | 468498 | 39.872 | ng | 100 |
| 74) Di-n-butylphthalate | 11.880 | 149 | 569899 | 39.747 | ng | 98 |
| 75) Fluoranthene | 12.533 | 202 | 510866 | 38.810 | ng | 98 |
| 77) Benzidine | 12.663 | 184 | 149882 | 41.876 | ng | 100 |
| 78) Pyrene | 12.763 | 202 | 514837 | 43.205 | ng | 100 |
| 80) Butylbenzylphthalate | 13.386 | 149 | 184269 | 42.498 | ng | 95 |
| 81) Benzo(a)anthracene | 13.962 | 228 | 343647 | 40.770 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 100022 | 41.785 | ng | 100 |
| 83) Chrysene | 13.998 | 228 | 329525 | 39.978 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149 | 238491 | 43.717 | ng | 97 |
| 85) Di-n-octyl phthalate | 14.562 | 149 | 350619 | 41.549 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.980 | 276 | 386743 | 43.981 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.021 | 252 | 301022 | 37.005 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.051 | 252 | 293035 | 38.124 | ng | 98 |
| 90) Benzo(a)pyrene | 15.392 | 252 | 273893 | 39.889 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 16.992 | 278 | 321126 | 44.513 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.439 | 276 | 330618 | 44.746 | ng | 100 |

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

**Instrument :**
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**Manual Integrations APPROVED**

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