Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
Data File : BF123212.D
Acq On : 17 Feb 2021 13:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 16:14:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 158424 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 607442 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 296418 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 544322 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 445298 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 430368 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 1065238 | 101.92 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 1495367 | 108.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 903471 | 78.15 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 259230 | 80.98 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 1571266 | 79.22 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1769051 | 79.62 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.628 | 88 | 273668 | 56.20 | ng | | 96 |
| 3) Pyridine | 3.381 | 79 | 729166 | 57.94 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 307059 | 56.61 | ng | | 98 |
| 6) Aniline | 6.534 | 93 | 916252 | 55.78 | ng | | 100 |
| 8) 2-Chlorophenol | 6.657 | 128 | 602674 | 51.43 | ng | | 99 |
| 9) Benzaldehyde | 6.422 | 77 | 432942 | 53.44 | ng | | 99 |
| 10) Phenol | 6.510 | 94 | 820868 | 54.17 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 580601 | 55.18 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 511502 | 41.97 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 490120 | 39.58 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 457269 | 39.61 | ng | | 98 |
| 15) Benzyl Alcohol | 7.010 | 79 | 404043 | 40.35 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 505173 | 37.18 | ng | | 99 |
| 17) 2-Methylphenol | 7.122 | 107 | 366749 | 38.99 | ng | | 98 |
| 18) Hexachloroethane | 7.387 | 117 | 176559 | 40.04 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 305172 | 38.57 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 457182 | 38.27 | ng | # | 89 |
| 22) Acetophenone | 7.281 | 105 | 571514 | 38.40 | ng | | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 479305 | 39.12 | ng | | 97 |
| 25) Isophorone | 7.692 | 82 | 831819 | 38.75 | ng | | 99 |
| 26) 2-Nitrophenol | 7.769 | 139 | 240274 | 40.72 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 344696 | 38.33 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 457064 | 39.24 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 357212 | 40.24 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 385748 | 40.48 | ng | | 99 |
| 31) Naphthalene | 8.181 | 128 | 1284578 | 39.28 | ng | | 100 |
| 32) Benzoic acid | 7.928 | 122 | 235064 | 33.55 | ng | | 99 |
| 33) 4-Chloroaniline | 8.222 | 127 | 533675 | 39.44 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 215040 | 41.10 | ng | | 98 |
| 35) Caprolactam | 8.598 | 113 | 116994 | 37.61 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 411265 | 39.69 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 852448 | 39.40 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 804966 | 39.58 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 333884 | 40.67 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.028 | 237 | 158788 | 42.28 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 255099 | 41.24 | ng | | 100 |

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Data File : BF123212.D
Acq On : 17 Feb 2021 13:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 16:14:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**ClientSampleId :**
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 270636 | 40.21 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 950702 | 39.73 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 763465 | 39.90 | ng | | 100 |
| 48) 2-Nitroaniline | 9.451 | 65 | 249213 | 38.85 | ng | | 85 |
| 49) Acenaphthylene | 9.781 | 152 | 1209539 | 39.28 | ng | | 99 |
| 50) Dimethylphthalate | 9.633 | 163 | 852057 | 39.66 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 205663 | 39.80 | ng | | 94 |
| 52) Acenaphthene | 9.951 | 154 | 793398 | 39.61 | ng | | 99 |
| 53) 3-Nitroaniline | 9.869 | 138 | 236284 | 38.47 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 107106 | 39.09 | ng | | 87 |
| 55) Dibenzofuran | 10.122 | 168 | 1063136 | 39.25 | ng | | 96 |
| 56) 4-Nitrophenol | 10.022 | 139 | 193300 | 38.29 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 279245 | 40.01 | ng | | 94 |
| 58) Fluorene | 10.463 | 166 | 821841 | 39.10 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 216485m | 40.64 | ng | | |
| 60) Diethylphthalate | 10.333 | 149 | 847380 | 38.87 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 375381 | 40.09 | ng | | 96 |
| 62) 4-Nitroaniline | 10.480 | 138 | 236056 | 38.11 | ng | | 100 |
| 63) Azobenzene | 10.616 | 77 | 852203 | 37.37 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 147560 | 42.08 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 726571 | 39.50 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 235485 | 40.73 | ng | # | 91 |
| 68) Hexachlorobenzene | 11.016 | 284 | 259756 | 41.05 | ng | # | 94 |
| 69) Atrazine | 11.104 | 200 | 211056 | 38.48 | ng | | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 164082 | 41.61 | ng | | 98 |
| 71) Phenanthrene | 11.433 | 178 | 1241326 | 38.71 | ng | | 98 |
| 72) Anthracene | 11.480 | 178 | 1248084 | 38.94 | ng | | 99 |
| 73) Carbazole | 11.633 | 167 | 1181295 | 38.68 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 1267488 | 38.59 | ng | | 99 |
| 75) Fluoranthene | 12.622 | 202 | 1272202 | 39.48 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 592784 | 37.57 | ng | | 100 |
| 78) Pyrene | 12.857 | 202 | 1304647 | 39.63 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 568029 | 39.02 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 1191053 | 39.71 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 424854 | 40.88 | ng | | 99 |
| 83) Chrysene | 14.086 | 228 | 1166721 | 39.46 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 725103 | 38.38 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 1263062 | 38.86 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.021 | 276 | 1091734 | 36.93 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 1176303 | 38.90 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 1128856 | 40.63 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 1069461 | 39.56 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 937169 | 37.37 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.474 | 276 | 886549 | 36.33 | ng | | 96 |

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

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Data File : BF123212.D
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Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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