Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136508.D
Acq On : 12 Dec 2023 10:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 11:40:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.798 | 152 | 118805 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.075 | 136 | 487987 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.833 | 164 | 262692 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.328 | 188 | 495404 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.980 | 240 | 254997 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.457 | 264 | 246710 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 595419 | 74.015 | ng | 0.00 |
| 7) Phenol-d6 | 6.445 | 99 | 748486 | 74.573 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.363 | 82 | 695628 | 77.063 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.628 | 330 | 248673 | 76.774 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.157 | 172 | 1439156 | 74.754 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.922 | 244 | 1591590 | 82.267 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.557 | 88 | 116901 | 36.740 | ng | 98 |
| 3) Pyridine | 3.316 | 79 | 316771 | 41.109 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.287 | 42 | 126278 | 37.720 | ng | 95 |
| 6) Aniline | 6.469 | 93 | 467537 | 46.093 | ng | 99 |
| 8) 2-Chlorophenol | 6.587 | 128 | 335817 | 38.238 | ng | 97 |
| 9) Benzaldehyde | 6.357 | 77 | 208994 | 41.575 | ng | 96 |
| 10) Phenol | 6.457 | 94 | 402565 | 37.693 | ng | 90 |
| 11) bis(2-Chloroethyl)ether | 6.540 | 93 | 301408 | 37.861 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.740 | 146 | 346059 | 35.038 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.816 | 146 | 351680 | 35.101 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.969 | 146 | 327080 | 34.717 | ng | 99 |
| 15) Benzyl Alcohol | 6.945 | 79 | 271163 | 40.346 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075 | 45 | 370822 | 36.217 | ng | 96 |
| 17) 2-Methylphenol | 7.057 | 107 | 284340 | 40.075 | ng | 97 |
| 18) Hexachloroethane | 7.304 | 117 | 121779 | 34.814 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.216 | 70 | 222286 | 38.393 | ng | 99 |
| 20) 3+4-Methylphenols | 7.210 | 107 | 354443 | 40.246 | ng | 95 |
| 22) Acetophenone | 7.210 | 105 | 458994 | 38.090 | ng | 98 |
| 24) Nitrobenzene | 7.381 | 77 | 334226 | 36.806 | ng | 99 |
| 25) Isophorone | 7.622 | 82 | 630322 | 38.867 | ng | 98 |
| 26) 2-Nitrophenol | 7.698 | 139 | 181211 | 40.592 | ng | 91 |
| 27) 2,4-Dimethylphenol | 7.739 | 122 | 276853 | 50.294 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.834 | 93 | 389920 | 39.128 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.939 | 162 | 283869 | 39.069 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.016 | 180 | 309893 | 36.577 | ng | 98 |
| 31) Naphthalene | 8.098 | 128 | 999471 | 37.141 | ng | 99 |
| 32) Benzoic acid | 7.869 | 122 | 212136m | 38.848 | ng | |
| 33) 4-Chloroaniline | 8.151 | 127 | 420567 | 43.837 | ng | 99 |
| 34) Hexachlorobutadiene | 8.216 | 225 | 182476 | 36.342 | ng | 98 |
| 35) Caprolactam | 8.534 | 113 | 91946 | 41.093 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 8.639 | 107 | 306083 | 39.675 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.792 | 142 | 686358 | 40.091 | ng | 96 |
| 38) 1-Methylnaphthalene | 8.892 | 142 | 639020 | 38.038 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.957 | 216 | 316832 | 38.767 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.939 | 237 | 135396 | 44.718 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.069 | 196 | 204618 | 38.451 | ng | 97 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.116 | 196 | 238119 | 40.092 | ng | 93 |
| 46) 1,1'-Biphenyl | 9.257 | 154 | 841664 | 37.654 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.281 | 162 | 628351 | 36.118 | ng | 97 |
| 48) 2-Nitroaniline | 9.381 | 65 | 186512 | 39.972 | ng | 97 |
| 49) Acenaphthylene | 9.698 | 152 | 976683 | 39.409 | ng | 99 |
| 50) Dimethylphthalate | 9.563 | 163 | 773068 | 39.972 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 9.628 | 165 | 169932 | 39.056 | ng | 94 |
| 52) Acenaphthene | 9.869 | 154 | 602688 | 37.950 | ng | 98 |
| 53) 3-Nitroaniline | 9.798 | 138 | 181959 | 40.953 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 85685 | 38.950 | ng | 96 |
| 55) Dibenzofuran | 10.045 | 168 | 902120 | 38.884 | ng | 97 |
| 56) 4-Nitrophenol | 9.963 | 139 | 125893 | 37.797 | ng | 92 |
| 57) 2,4-Dinitrotoluene | 10.033 | 165 | 221729 | 38.522 | ng | 97 |
| 58) Fluorene | 10.386 | 166 | 709893 | 38.118 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232 | 182706 | 38.404 | ng | 99 |
| 60) Diethylphthalate | 10.263 | 149 | 744622 | 39.154 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.381 | 204 | 354776 | 39.077 | ng | 93 |
| 62) 4-Nitroaniline | 10.410 | 138 | 179055 | 40.585 | ng | 95 |
| 63) Azobenzene | 10.539 | 77 | 661574 | 38.219 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198 | 122937 | 40.069 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.498 | 169 | 637436 | 40.099 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 10.869 | 248 | 226170 | 39.267 | ng | 93 |
| 68) Hexachlorobenzene | 10.933 | 284 | 242541 | 36.433 | ng | 97 |
| 69) Atrazine | 11.033 | 200 | 169700 | 37.403 | ng | 98 |
| 70) Pentachlorophenol | 11.133 | 266 | 136386 | 36.300 | ng | 98 |
| 71) Phenanthrene | 11.351 | 178 | 1061980 | 39.001 | ng | 99 |
| 72) Anthracene | 11.404 | 178 | 1068116 | 38.945 | ng | 99 |
| 73) Carbazole | 11.563 | 167 | 899956 | 37.075 | ng | 99 |
| 74) Di-n-butylphthalate | 11.892 | 149 | 1139250 | 38.284 | ng | 99 |
| 75) Fluoranthene | 12.545 | 202 | 1035589 | 36.292 | ng | 98 |
| 77) Benzidine | 12.669 | 184 | 159572 | 31.777 | ng | 98 |
| 78) Pyrene | 12.774 | 202 | 1022352 | 40.938 | ng | 98 |
| 80) Butylbenzylphthalate | 13.398 | 149 | 367283 | 41.314 | ng | 91 |
| 81) Benzo(a)anthracene | 13.969 | 228 | 692696 | 38.998 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.933 | 252 | 223842 | 44.947 | ng | 100 |
| 83) Chrysene | 14.004 | 228 | 681597 | 39.003 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 442282 | 40.582 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.580 | 149 | 646156 | 40.139 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.962 | 276 | 706206 | 41.203 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 580441 | 34.410 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 562159 | 35.363 | ng | 99 |
| 90) Benzo(a)pyrene | 15.398 | 252 | 552985 | 39.696 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 580575 | 41.348 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.427 | 276 | 582168 | 40.395 | ng | 99 |

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

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