Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137771.D
Acq On : 30 Apr 2024 14:45
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 01 02:59:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.063 | 152 | 232068 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.345 | 136 | 899995 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.110 | 164 | 504470 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.604 | 188 | 888980 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.257 | 240 | 559359 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.821 | 264 | 431596 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.681 | 112 | 2023763 | 146.007 | ng | 0.00 |
| 7) Phenol-d6 | 6.687 | 99 | 2554000 | 145.271 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.634 | 82 | 2359121 | 152.290 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.904 | 330 | 813652 | 157.967 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.422 | 172 | 4146983 | 133.366 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.198 | 244 | 4921290 | 147.444 | ng | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.963 | 88 | 486433 | 77.934 | ng | 100 |
| 3) Pyridine | 3.740 | 79 | 1172662 | 77.628 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.716 | 42 | 534120 | 78.520 | ng | 98 |
| 6) Aniline | 6.769 | 93 | 1281365m | 73.253 | ng | |
| 8) 2-Chlorophenol | 6.851 | 128 | 1108715 | 73.399 | ng | 99 |
| 10) Phenol | 6.698 | 94 | 1366097 | 75.833 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.798 | 93 | 1077065 | 76.357 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.004 | 146 | 1249151 | 73.334 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.081 | 146 | 1252452 | 73.278 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.239 | 146 | 1141543 | 70.912 | ng | 100 |
| 15) Benzyl Alcohol | 7.204 | 79 | 936530 | 77.030 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.328 | 45 | 1480936 | 74.694 | ng | 100 |
| 17) 2-Methylphenol | 7.298 | 107 | 935639 | 76.764 | ng | 98 |
| 18) Hexachloroethane | 7.575 | 117 | 439126 | 75.999 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.481 | 70 | 757565 | 72.104 | ng | 96 |
| 20) 3+4-Methylphenols | 7.457 | 107 | 1155345 | 72.048 | ng | 93 |
| 22) Acetophenone | 7.475 | 105 | 1470984 | 72.673 | ng | 98 |
| 24) Nitrobenzene | 7.651 | 77 | 1213956 | 76.035 | ng | 95 |
| 25) Isophorone | 7.886 | 82 | 2183579 | 78.180 | ng | 98 |
| 26) 2-Nitrophenol | 7.957 | 139 | 625573 | 86.525 | ng | 91 |
| 27) 2,4-Dimethylphenol | 7.986 | 122 | 804579 | 77.299 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 8.086 | 93 | 1270397 | 75.123 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.198 | 162 | 976304 | 77.602 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.286 | 180 | 1031971 | 75.244 | ng | 100 |
| 31) Naphthalene | 8.369 | 128 | 3192837 | 71.387 | ng | 98 |
| 32) Benzoic acid | 8.128 | 122 | 826650 | 92.059 | ng | 97 |
| 33) 4-Chloroaniline | 8.428 | 127 | 1289903 | 77.773 | ng | 99 |
| 34) Hexachlorobutadiene | 8.481 | 225 | 636361 | 75.574 | ng | 99 |
| 35) Caprolactam | 8.804 | 113 | 326533m | 81.916 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.886 | 107 | 1021112 | 77.830 | ng | 95 |
| 37) 2-Methylnaphthalene | 9.063 | 142 | 2079503 | 71.827 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.163 | 142 | 2025019 | 71.096 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.222 | 216 | 1003395 | 75.098 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.210 | 237 | 457601 | 84.319 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.333 | 196 | 721562 | 79.336 | ng | 100 |
| 44) 2,4,5-Trichlorophenol | 9.375 | 196 | 781229 | 77.791 | ng | 98 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 9.528 | 154 | 2486262 | 71.814 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.557 | 162 | 2054254 | 73.495 | ng | | 99 |
| 48) 2-Nitroaniline | 9.645 | 65 | 634046 | 83.641 | ng | | 98 |
| 49) Acenaphthylene | 9.975 | 152 | 2952810 | 73.029 | ng | | 98 |
| 50) Dimethylphthalate | 9.828 | 163 | 2419751 | 75.981 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.892 | 165 | 587445 | 80.715 | ng | | 89 |
| 52) Acenaphthene | 10.145 | 154 | 1995793 | 74.467 | ng | | 100 |
| 53) 3-Nitroaniline | 10.063 | 138 | 624809 | 81.980 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 10.163 | 184 | 338641 | 94.696 | ng | | 93 |
| 55) Dibenzofuran | 10.316 | 168 | 2809981 | 72.048 | ng | | 99 |
| 56) 4-Nitrophenol | 10.210 | 139 | 520146 | 82.343 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.298 | 165 | 797608 | 83.887 | ng | | 93 |
| 58) Fluorene | 10.663 | 166 | 2203121 | 70.977 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.427 | 232 | 636317 | 78.045 | ng | | 99 |
| 60) Diethylphthalate | 10.527 | 149 | 2253241 | 74.496 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.651 | 204 | 1111441 | 72.671 | ng | | 96 |
| 62) 4-Nitroaniline | 10.686 | 138 | 616892 | 79.799 | ng | | 96 |
| 63) Azobenzene | 10.810 | 77 | 2154065 | 73.686 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.704 | 198 | 461569 | 90.460 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.769 | 169 | 1960910 | 73.689 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.145 | 248 | 720367 | 75.716 | ng | | 94 |
| 68) Hexachlorobenzene | 11.210 | 284 | 787525 | 75.746 | ng | | 94 |
| 69) Atrazine | 11.292 | 200 | 595932 | 73.446 | ng | | 98 |
| 70) Pentachlorophenol | 11.398 | 266 | 584621 | 81.903 | ng | | 99 |
| 71) Phenanthrene | 11.633 | 178 | 3086299 | 71.227 | ng | | 98 |
| 72) Anthracene | 11.686 | 178 | 3079683 | 71.432 | ng | | 98 |
| 73) Carbazole | 11.833 | 167 | 3003335 | 72.282 | ng | | 98 |
| 74) Di-n-butylphthalate | 12.151 | 149 | 3338837 | 73.664 | ng | | 99 |
| 75) Fluoranthene | 12.827 | 202 | 3407776 | 71.947 | ng | | 99 |
| 77) Benzidine | 12.939 | 184 | 982924 | 75.980 | ng | | 98 |
| 78) Pyrene | 13.057 | 202 | 3501594 | 78.953 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.663 | 149 | 1256487 | 89.292 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.245 | 228 | 2771657 | 77.472 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.204 | 252 | 747192 | 69.764 | ng | | 99 |
| 83) Chrysene | 14.286 | 228 | 2580443 | 77.032 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.215 | 149 | 1533022 | 86.444 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 14.845 | 149 | 2098779 | 87.937 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.474 | 276 | 2295943 | 93.569 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.357 | 252 | 2101765 | 78.270 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.392 | 252 | 2000880 | 77.093 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.762 | 252 | 1757069 | 80.205 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.498 | 278 | 1828189 | 91.534 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.986 | 276 | 2020903 | 96.519 | ng | | 99 |

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

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