Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139952.D
Acq On : 23 Oct 2024 09:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 11:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel
10/24/2024
Supervised By :mohammad ahmed
10/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.893 | 152 | 156634 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 590130 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 329153 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 576587 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 299183 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 329130 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 756653 | 75.624 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 961945 | 74.232 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 865501 | 81.286 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 271250 | 88.103 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1530540 | 76.849 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1479656 | 80.588 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 172780 | 37.037 | ng | 95 |
| 3) Pyridine | 3.434 | 79 | 426509 | 36.885 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 221378 | 35.634 | ng | 97 |
| 6) Aniline | 6.557 | 93 | 456412 | 37.791 | ng | 97 |
| 8) 2-Chlorophenol | 6.675 | 128 | 397094 | 38.822 | ng | 99 |
| 9) Benzaldehyde | 6.440 | 77 | 254907 | 34.967 | ng | 99 |
| 10) Phenol | 6.528 | 94 | 503534m | 37.690 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 386484 | 37.428 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 455424 | 38.787 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 458258 | 39.065 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 427711 | 39.067 | ng | 98 |
| 15) Benzyl Alcohol | 7.028 | 79 | 360813 | 37.958 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 627431 | 35.635 | ng | 99 |
| 17) 2-Methylphenol | 7.134 | 107 | 334711 | 38.376 | ng | 99 |
| 18) Hexachloroethane | 7.404 | 117 | 163379 | 39.057 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 285035 | 36.267 | ng | 97 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 419114 | 37.569 | ng | 99 |
| 22) Acetophenone | 7.298 | 105 | 547698 | 37.892 | ng | 98 |
| 24) Nitrobenzene | 7.475 | 77 | 457518 | 39.191 | ng | 98 |
| 25) Isophorone | 7.710 | 82 | 765148 | 37.861 | ng | 99 |
| 26) 2-Nitrophenol | 7.787 | 139 | 205936 | 46.760 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 278267 | 37.893 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 469945 | 38.381 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 330949 | 39.566 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 368190 | 39.781 | ng | 100 |
| 31) Naphthalene | 8.198 | 128 | 1189876 | 39.095 | ng | 100 |
| 32) Benzoic acid | 7.922 | 122 | 280518 | 43.797 | ng | 97 |
| 33) 4-Chloroaniline | 8.240 | 127 | 403424 | 38.873 | ng | 99 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 236438 | 40.658 | ng | 98 |
| 35) Caprolactam | 8.610 | 113 | 106703 | 40.120 | ng | 91 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 359470 | 38.812 | ng | 96 |
| 37) 2-Methylnaphthalene | 8.887 | 142 | 731192 | 39.227 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.987 | 142 | 715426 | 39.120 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 355865 | 40.075 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.040 | 237 | 134320 | 43.472 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 265016 | 42.153 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 258543 | 39.859 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 891770 | 38.918 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 723091 | 39.181 | ng | | 100 |
| 48) 2-Nitroaniline | 9.469 | 65 | 238757 | 42.300 | ng | | 92 |
| 49) Acenaphthylene | 9.792 | 152 | 1045886 | 39.200 | ng | | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 799846 | 39.013 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 189348 | 42.654 | ng | | 95 |
| 52) Acenaphthene | 9.963 | 154 | 689265 | 39.935 | ng | | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 192935 | 42.145 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 92435 | 52.556 | ng | # | 1 |
| 55) Dibenzofuran | 10.134 | 168 | 966623 | 39.034 | ng | | 99 |
| 56) 4-Nitrophenol | 10.028 | 139 | 153534 | 43.593 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 244656 | 44.817 | ng | | 98 |
| 58) Fluorene | 10.481 | 166 | 737183 | 39.085 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 209605 | 41.221 | ng | | 97 |
| 60) Diethylphthalate | 10.351 | 149 | 784653 | 38.979 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 384427 | 40.360 | ng | | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 183216 | 42.376 | ng | | 96 |
| 63) Azobenzene | 10.628 | 77 | 800436 | 37.507 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 130520 | 55.496 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 668240 | 38.723 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 243222 | 40.947 | ng | | 94 |
| 68) Hexachlorobenzene | 11.028 | 284 | 269072 | 40.278 | ng | | 95 |
| 69) Atrazine | 11.110 | 200 | 189938 | 40.631 | ng | | 100 |
| 70) Pentachlorophenol | 11.216 | 266 | 186013 | 45.879 | ng | | 99 |
| 71) Phenanthrene | 11.439 | 178 | 1045223 | 38.377 | ng | | 100 |
| 72) Anthracene | 11.492 | 178 | 1032769 | 38.865 | ng | | 100 |
| 73) Carbazole | 11.645 | 167 | 939679 | 38.023 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 1096390 | 38.399 | ng | | 100 |
| 75) Fluoranthene | 12.628 | 202 | 1062550 | 38.592 | ng | | 100 |
| 77) Benzidine | 12.745 | 184 | 245338 | 49.870 | ng | | 99 |
| 78) Pyrene | 12.857 | 202 | 1045514 | 39.923 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.475 | 149 | 320762 | 40.854 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 761588 | 39.104 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 255392 | 44.975 | ng | | 100 |
| 83) Chrysene | 14.080 | 228 | 699768 | 39.187 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 390057 | 44.280 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 695957 | 43.437 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 917265 | 43.321 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 815990 | 40.699 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 600268 | 34.716 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.469 | 252 | 650166 | 39.411 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 760210 | 43.038 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 779486 | 44.179 | ng | | 99 |

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

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