Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139536.D
Acq On : 25 Sep 2024 18:50
Operator : RC/JU
Sample : P4148-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 05:03:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
STOCK-PILEMS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 82065 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 315781 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 174649 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 314578 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.039 | 240 | 146193 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.510 | 264 | 159732 | 20.000 | ng | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 643467 | 127.913 | ng | 0.02 |
| 7) Phenol-d6 | 6.516 | 99 | 797764 | 120.821 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 623847 | 92.874 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 242290 | 130.309 | ng | 0.01 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 1133101 | 90.994 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.986 | 244 | 977967 | 109.802 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.834 | 88 | 87954 | 43.579 | ng | # 77 |
| 3) Pyridine | 3.546 | 79 | 222763 | 50.061 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.481 | 42 | 163254 | 42.328 | ng | # 82 |
| 6) Aniline | 6.545 | 93 | 248921 | 49.954 | ng | # 78 |
| 8) 2-Chlorophenol | 6.669 | 128 | 259772 | 50.166 | ng | 98 |
| 9) Benzaldehyde | 6.428 | 77 | 16977 | 4.450 | ng | 97 |
| 10) Phenol | 6.534 | 94 | 305237 | 45.389 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 274416 | 53.688 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 260664 | 44.262 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 269017 | 45.204 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 259349 | 46.120 | ng | 98 |
| 15) Benzyl Alcohol | 7.022 | 79 | 262693 | 49.867 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 465978 | 59.155 | ng | 85 |
| 17) 2-Methylphenol | 7.140 | 107 | 212007 | 51.531 | ng | 97 |
| 18) Hexachloroethane | 7.387 | 117 | 100566 | 44.366 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 207628 | 53.064 | ng | 97 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 267127 | 47.590 | ng | # 84 |
| 22) Acetophenone | 7.287 | 105 | 374058 | 45.310 | ng | 98 |
| 24) Nitrobenzene | 7.463 | 77 | 312093 | 45.144 | ng | 97 |
| 25) Isophorone | 7.698 | 82 | 560611 | 52.772 | ng | 99 |
| 26) 2-Nitrophenol | 7.775 | 139 | 142475 | 52.898 | ng | 92 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 220550m | 62.077 | ng | |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 323567 | 53.443 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 226877 | 50.267 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 234822 | 44.652 | ng | 98 |
| 31) Naphthalene | 8.181 | 128 | 785043 | 47.620 | ng | 100 |
| 32) Benzoic acid | 7.939 | 122 | 143410 | 43.133 | ng | 92 |
| 33) 4-Chloroaniline | 8.234 | 127 | 121025m | 23.997 | ng | |
| 34) Hexachlorobutadiene | 8.292 | 225 | 150258 | 42.055 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 64901m | 46.745 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 257243 | 49.870 | ng | 95 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 518590 | 49.560 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 487145 | 47.419 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 247543 | 47.825 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 275699 | 152.551 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 173208 | 51.435 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 182291 | 51.318 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 662323 | 49.294 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 489449 | 48.720 | ng | | 99 |
| 48) 2-Nitroaniline | 9.463 | 65 | 193529 | 51.792 | ng | | 99 |
| 49) Acenaphthylene | 9.781 | 152 | 814710 | 53.874 | ng | | 100 |
| 50) Dimethylphthalate | 9.639 | 163 | 604436 | 52.729 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 132512 | 52.182 | ng | | 90 |
| 52) Acenaphthene | 9.951 | 154 | 566904 | 53.712 | ng | | 100 |
| 53) 3-Nitroaniline | 9.875 | 138 | 107264 | 42.266 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 115504 | 81.628 | ng | # | 85 |
| 55) Dibenzofuran | 10.122 | 168 | 740691 | 50.350 | ng | | 96 |
| 56) 4-Nitrophenol | 10.039 | 139 | 179559 | 85.507 | ng | # | 81 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 178895 | 52.180 | ng | | 98 |
| 58) Fluorene | 10.463 | 166 | 584809 | 48.723 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 154630 | 52.623 | ng | | 96 |
| 60) Diethylphthalate | 10.339 | 149 | 613661 | 51.876 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 285519 | 48.947 | ng | | 95 |
| 62) 4-Nitroaniline | 10.486 | 138 | 128242 | 46.301 | ng | | 89 |
| 63) Azobenzene | 10.616 | 77 | 608449 | 52.296 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 81166 | 48.886 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 508728 | 55.313 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 168615 | 54.089 | ng | | 99 |
| 68) Hexachlorobenzene | 11.010 | 284 | 189052 | 51.673 | ng | | 99 |
| 69) Atrazine | 11.104 | 200 | 160193 | 73.162 | ng | | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 198939 | 90.619 | ng | | 99 |
| 71) Phenanthrene | 11.428 | 178 | 803227 | 52.924 | ng | | 99 |
| 72) Anthracene | 11.480 | 178 | 826145 | 55.674 | ng | | 99 |
| 73) Carbazole | 11.633 | 167 | 710938 | 50.058 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 900920 | 56.945 | ng | | 100 |
| 75) Fluoranthene | 12.616 | 202 | 762307 | 47.033 | ng | | 98 |
| 77) Benzidine | 12.739 | 184 | 363941 | 173.759 | ng | | 99 |
| 78) Pyrene | 12.845 | 202 | 742213 | 59.128 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 258860 | 60.585 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 518385 | 53.531 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 143352 | 50.549 | ng | | 99 |
| 83) Chrysene | 14.069 | 228 | 490760 | 55.085 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 315187 | 57.988 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 499761 | 62.433 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 479035 | 50.435 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.080 | 252 | 554047 | 56.241 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.110 | 252 | 427789 | 47.097 | ng | # | 98 |
| 90) Benzo(a)pyrene | 15.451 | 252 | 477853 | 58.488 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.009 | 278 | 390611 | 49.769 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.439 | 276 | 335926 | 43.228 | ng | # | 96 |

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

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