Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140695.D
Acq On : 02 Dec 2024 18:05
Operator : RC/JU
Sample : P5005-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
STOCK-PILEMSD

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 00:04:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 79872 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 306759 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 176975 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 336744 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 200045 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 168091 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 629343 | 134.439 | ng | | 0.02 |
| 7) Phenol-d6 | 6.516 | 99 | 797549 | 128.871 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.433 | 82 | 571131 | 95.233 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 279072 | 147.442 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.227 | 172 | 1096718 | 92.332 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.986 | 244 | 1217400 | 94.761 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.828 | 88 | 91011 | 46.240 | ng | # | 83 |
| 3) Pyridine | 3.557 | 79 | 178767 | 41.281 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.481 | 42 | 122204 | 48.014 | ng | | 89 |
| 6) Aniline | 6.539 | 93 | 132780 | 30.482 | ng | # | 75 |
| 8) 2-Chlorophenol | 6.663 | 128 | 265603 | 52.738 | ng | | 96 |
| 9) Benzaldehyde | 6.428 | 77 | 20171 | 6.157 | ng | | 99 |
| 10) Phenol | 6.528 | 94 | 310498 | 49.128 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 248986 | 51.481 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 252140 | 44.555 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 259257 | 45.246 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 245416 | 45.708 | ng | | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 256932 | 55.982 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 302104 | 52.874 | ng | | 78 |
| 17) 2-Methylphenol | 7.134 | 107 | 217546 | 53.961 | ng | | 98 |
| 18) Hexachloroethane | 7.381 | 117 | 94972 | 44.378 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.286 | 70 | 192441 | 52.615 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.286 | 107 | 286001 | 55.192 | ng | | 93 |
| 22) Acetophenone | 7.281 | 105 | 375707 | 50.237 | ng | | 96 |
| 24) Nitrobenzene | 7.457 | 77 | 298019 | 48.081 | ng | | 97 |
| 25) Isophorone | 7.692 | 82 | 548749 | 54.859 | ng | | 100 |
| 26) 2-Nitrophenol | 7.769 | 139 | 145198 | 52.861 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 231265m | 70.368 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 325224 | 53.370 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 241136 | 55.372 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 230797 | 46.417 | ng | | 99 |
| 31) Naphthalene | 8.175 | 128 | 774818 | 49.037 | ng | | 100 |
| 32) Benzoic acid | 7.951 | 122 | 151784 | 52.312 | ng | | 97 |
| 33) 4-Chloroaniline | 8.228 | 127 | 89383 | 18.894 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 145402 | 44.149 | ng | | 98 |
| 35) Caprolactam | 8.604 | 113 | 69934m | 51.892 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 274806 | 56.361 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 531404 | 52.950 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 496655 | 50.487 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.027 | 216 | 260959 | 50.369 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 201048 | 164.194 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 175571 | 54.005 | ng | | 98 |

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Sample : P5005-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
STOCK-PILEMSD

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 00:04:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 189741 | 53.778 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.327 | 154 | 680379 | 51.493 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 507039 | 50.644 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 178640 | 55.589 | ng | 96 |
| 49) Acenaphthylene | 9.769 | 152 | 854462 | 56.485 | ng | 100 |
| 50) Dimethylphthalate | 9.627 | 163 | 656836 | 56.354 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 141717 | 53.612 | ng | 93 |
| 52) Acenaphthene | 9.945 | 154 | 516156 | 53.701 | ng | 99 |
| 53) 3-Nitroaniline | 9.869 | 138 | 85862 | 33.211 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 156924 | 111.238 | ng | 92 |
| 55) Dibenzofuran | 10.116 | 168 | 782849 | 53.397 | ng | 100 |
| 56) 4-Nitrophenol | 10.045 | 139 | 171586 | 97.314 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 197066 | 56.094 | ng | 98 |
| 58) Fluorene | 10.457 | 166 | 630558 | 53.583 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 167405 | 61.737 | ng | 93 |
| 60) Diethylphthalate | 10.327 | 149 | 641097 | 54.137 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 306939 | 53.148 | ng | 98 |
| 62) 4-Nitroaniline | 10.486 | 138 | 146126 | 53.890 | ng | 94 |
| 63) Azobenzene | 10.610 | 77 | 615003 | 54.840 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 107078 | 62.227 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 554790 | 55.711 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 187354 | 54.024 | ng | 96 |
| 68) Hexachlorobenzene | 11.010 | 284 | 211306 | 52.622 | ng | 100 |
| 69) Atrazine | 11.098 | 200 | 164626 | 58.764 | ng | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 198690 | 112.423 | ng | 99 |
| 71) Phenanthrene | 11.427 | 178 | 901870 | 55.716 | ng | 99 |
| 72) Anthracene | 11.474 | 178 | 926836 | 58.535 | ng | 99 |
| 73) Carbazole | 11.633 | 167 | 850116 | 55.810 | ng | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 982367 | 55.862 | ng | 100 |
| 75) Fluoranthene | 12.616 | 202 | 994496 | 56.586 | ng | 99 |
| 77) Benzidine | 12.739 | 184 | 46272 | 7.956 | ng | 98 |
| 78) Pyrene | 12.845 | 202 | 1015492 | 54.901 | ng | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 385256 | 57.818 | ng | 99 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 766780 | 57.904 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 141767 | 35.657 | ng | 100 |
| 83) Chrysene | 14.074 | 228 | 684899 | 56.564 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 499259 | 59.339 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 699052 | 60.795 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.056 | 276 | 603719 | 55.112 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 612688 | 58.031 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 507845 | 54.966 | ng | 99 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 518106 | 60.353 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 488360 | 54.437 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 459711 | 50.217 | ng | 97 |

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

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ALS Vial : 19 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
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