Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137212.D
Acq On : 31 Jan 2024 16:03
Operator : CG\JU
Sample : P1297-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TR-05-013024MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.792 | 152 | 41549 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.069 | 136 | 147799 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.827 | 164 | 83263 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.316 | 188 | 167847 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 143710 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.457 | 264 | 102445 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.416 | 112 | 62165 | 24.688 | ng | | 0.00 |
| 7) Phenol-d6 | 6.422 | 99 | 77902 | 21.679 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.351 | 82 | 51631 | 15.640 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.616 | 330 | 25061 | 26.651 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.145 | 172 | 101482 | 16.755 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.916 | 244 | 145537 | 13.767 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.534 | 88 | 11402 | 8.463 | ng | | 93 |
| 3) Pyridine | 3.298 | 79 | 20139 | 9.952 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.240 | 42 | 7868 | 11.067 | ng | # | 89 |
| 6) Aniline | 6.457 | 93 | 14320 | 3.723 | ng | # | 73 |
| 8) 2-Chlorophenol | 6.575 | 128 | 26327 | 9.351 | ng | | 97 |
| 9) Benzaldehyde | 6.345 | 77 | 9426 | 6.888 | ng | | 90 |
| 10) Phenol | 6.434 | 94 | 34349 | 8.564 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.528 | 93 | 25042 | 9.342 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.734 | 146 | 31881 | 9.658 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.810 | 146 | 31071 | 9.101 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.963 | 146 | 32028 | 10.034 | ng | | 99 |
| 15) Benzyl Alcohol | 6.928 | 79 | 23852 | 9.343 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063 | 45 | 46446 | 9.619 | ng | | 99 |
| 17) 2-Methylphenol | 7.039 | 107 | 20342 | 8.648 | ng | | 96 |
| 18) Hexachloroethane | 7.304 | 117 | 13046 | 10.596 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.198 | 70 | 24547 | 9.963 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.192 | 107 | 28900 | 9.706 | ng | # | 83 |
| 22) Acetophenone | 7.198 | 105 | 44933 | 11.293 | ng | # | 95 |
| 24) Nitrobenzene | 7.369 | 77 | 30606 | 9.552 | ng | | 100 |
| 25) Isophorone | 7.604 | 82 | 64982 | 10.664 | ng | # | 96 |
| 26) 2-Nitrophenol | 7.686 | 139 | 11858 | 11.521 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.722 | 122 | 18069 | 10.375 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 7.822 | 93 | 33332 | 10.301 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.928 | 162 | 21502 | 9.952 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.010 | 180 | 27779 | 10.351 | ng | | 98 |
| 31) Naphthalene | 8.092 | 128 | 84602 | 10.588 | ng | | 99 |
| 32) Benzoic acid | 7.792 | 122 | 10773m | 15.733 | ng | | |
| 33) 4-Chloroaniline | 8.145 | 127 | 11409 | 4.151 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.210 | 225 | 19130 | 10.720 | ng | | 99 |
| 35) Caprolactam | 8.475 | 113 | 8009m | 11.921 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.616 | 107 | 24859 | 9.741 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.786 | 142 | 58230 | 10.870 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.880 | 142 | 54891 | 11.032 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.945 | 216 | 29394 | 10.550 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 8.933 | 237 | 7327 | 5.522 | ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 9.057 | 196 | 17052 | 10.791 | ng | | 90 |

Quantitation Report (QT Reviewed)

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Data File : BF137212.D
Acq On : 31 Jan 2024 16:03
Operator : CG\JU
Sample : P1297-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TR-05-013024MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.098 | 196 | 17635 | 10.210 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.251 | 154 | 70891 | 10.701 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.269 | 162 | 49874 | 10.173 | ng | | 97 |
| 48) 2-Nitroaniline | 9.369 | 65 | 15401 | 9.706 | ng | | 96 |
| 49) Acenaphthylene | 9.686 | 152 | 83460 | 10.634 | ng | | 99 |
| 50) Dimethylphthalate | 9.545 | 163 | 61780 | 10.983 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.610 | 165 | 12952 | 10.798 | ng | | 91 |
| 52) Acenaphthene | 9.857 | 154 | 55155 | 11.957 | ng | | 98 |
| 53) 3-Nitroaniline | 9.780 | 138 | 7847 | 7.270 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 1011 | 13.169 | ng | # | 36 |
| 55) Dibenzofuran | 10.033 | 168 | 79238 | 10.797 | ng | | 98 |
| 56) 4-Nitrophenol | 9.939 | 139 | 15155 | 21.964 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 10.010 | 165 | 16262 | 10.449 | ng | # | 95 |
| 58) Fluorene | 10.374 | 166 | 67443 | 11.722 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232 | 15643 | 9.733 | ng | # | 80 |
| 60) Diethylphthalate | 10.251 | 149 | 63166 | 11.405 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.374 | 204 | 31471 | 11.005 | ng | | 95 |
| 62) 4-Nitroaniline | 10.392 | 138 | 10108 | 9.783 | ng | | 87 |
| 63) Azobenzene | 10.533 | 77 | 62670 | 10.217 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198 | 1493 | 6.943 | ng | # | 44 |
| 66) n-Nitrosodiphenylamine | 10.486 | 169 | 52104 | 10.209 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248 | 19378 | 10.500 | ng | # | 90 |
| 68) Hexachlorobenzene | 10.922 | 284 | 20917 | 10.147 | ng | | 97 |
| 69) Atrazine | 11.022 | 200 | 20047 | 11.899 | ng | | 98 |
| 70) Pentachlorophenol | 11.121 | 266 | 26148 | 22.127 | ng | | 96 |
| 71) Phenanthrene | 11.339 | 178 | 141890 | 16.148 | ng | | 98 |
| 72) Anthracene | 11.392 | 178 | 118681 | 12.958 | ng | | 97 |
| 73) Carbazole | 11.551 | 167 | 91785 | 11.992 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.892 | 149 | 104585 | 12.640 | ng | | 100 |
| 75) Fluoranthene | 12.539 | 202 | 244637 | 26.606 | ng | | 99 |
| 77) Benzidine | 12.674 | 184 | 39235 | 15.247 | ng | | 97 |
| 78) Pyrene | 12.768 | 202 | 233009 | 16.872 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.404 | 149 | 44862 | 12.698 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.963 | 228 | 191705 | 18.836 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.933 | 252 | 18901 | 6.816 | ng | | 98 |
| 83) Chrysene | 13.998 | 228 | 176245 | 17.614 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149 | 66640 | 16.213 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.586 | 149 | 107382 | 16.431 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 88356 | 12.276 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.021 | 252 | 153028 | 24.289 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.051 | 252 | 91800 | 13.773 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.392 | 252 | 108165 | 18.243 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.980 | 278 | 58052 | 10.066 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.398 | 276 | 73851 | 13.047 | ng | | 100 |

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

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Data File : BF137212.D
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Operator : CG\JU
Sample : P1297-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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