Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139907.D
Acq On : 21 Oct 2024 17:11
Operator : RC/JU
Sample : P4410-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TR-04-101524MSD

Quant Time: Oct 21 17:50:59 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 138355 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 475093 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 214808 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 356502 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 252741 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 212749 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 220535 | 24.954 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 267049 | 23.330 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 151117 | 17.629 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 44155 | 21.976 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 264855 | 20.378 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 266331 | 17.171 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.675 | 88 | 41313 | 10.026 | ng | 98 |
| 3) Pyridine | 3.440 | 79 | 102273 | 10.013 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.369 | 42 | 59830 | 10.903 | ng | 98 |
| 6) Aniline | 6.545 | 93 | 60839 | 5.703 | ng | 99 |
| 8) 2-Chlorophenol | 6.669 | 128 | 98030 | 10.850 | ng | 98 |
| 9) Benzaldehyde | 6.440 | 77 | 25013 | 3.884 | ng | 97 |
| 10) Phenol | 6.516 | 94 | 134106 | 11.364 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 100803 | 11.052 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 110058 | 10.612 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 112628 | 10.870 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 105302 | 10.889 | ng | 98 |
| 15) Benzyl Alcohol | 7.022 | 79 | 89828 | 10.698 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 165049 | 10.612 | ng | 99 |
| 17) 2-Methylphenol | 7.128 | 107 | 80067 | 10.393 | ng | 98 |
| 18) Hexachloroethane | 7.404 | 117 | 34369 | 9.302 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 74663 | 10.755 | ng | 98 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 105833 | 10.740 | ng | 95 |
| 22) Acetophenone | 7.292 | 105 | 141916 | 12.196 | ng | 96 |
| 24) Nitrobenzene | 7.463 | 77 | 103192 | 10.980 | ng | 99 |
| 25) Isophorone | 7.704 | 82 | 184038 | 11.312 | ng | 99 |
| 26) 2-Nitrophenol | 7.781 | 139 | 39777 | 11.219 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 78760 | 13.322 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 112982 | 11.462 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 69501 | 10.321 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 76373 | 10.250 | ng | 99 |
| 31) Naphthalene | 8.192 | 128 | 274834 | 11.217 | ng | 99 |
| 32) Benzoic acid | 7.863 | 122 | 35729 | 6.929 | ng | 98 |
| 33) 4-Chloroaniline | 8.234 | 127 | 48103 | 5.757 | ng | 99 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 49809 | 10.639 | ng | 98 |
| 35) Caprolactam | 8.563 | 113 | 20556 | 9.600 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 69957 | 9.382 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.881 | 142 | 159164 | 10.607 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.981 | 142 | 147316 | 10.006 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 68219 | 11.772 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 7597 | 3.768 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 46729 | 11.389 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 41846 | 9.885 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 184437 | 12.334 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 136713 | 11.351 | ng | | 100 |
| 48) 2-Nitroaniline | 9.457 | 65 | 41582 | 11.288 | ng | | 98 |
| 49) Acenaphthylene | 9.786 | 152 | 207349 | 11.908 | ng | | 100 |
| 50) Dimethylphthalate | 9.639 | 163 | 165582 | 12.375 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 30555 | 10.547 | ng | | 99 |
| 52) Acenaphthene | 9.957 | 154 | 127173 | 11.290 | ng | | 100 |
| 53) 3-Nitroaniline | 9.869 | 138 | 25886 | 8.665 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 4007 | 9.585 | ng | # | 1 |
| 55) Dibenzofuran | 10.128 | 168 | 181204 | 11.213 | ng | | 98 |
| 56) 4-Nitrophenol | 10.010 | 139 | 45734 | 19.898 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 33554 | 9.418 | ng | # | 98 |
| 58) Fluorene | 10.475 | 166 | 142042 | 11.540 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 33773 | 10.177 | ng | # | 100 |
| 60) Diethylphthalate | 10.339 | 149 | 149515 | 11.381 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 68195 | 10.971 | ng | | 99 |
| 62) 4-Nitroaniline | 10.475 | 138 | 29212 | 10.353 | ng | | 96 |
| 63) Azobenzene | 10.627 | 77 | 148501 | 10.662 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 3908 | 2.687 | ng | # | 75 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 124755 | 11.692 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 40450 | 11.014 | ng | | 96 |
| 68) Hexachlorobenzene | 11.022 | 284 | 40525 | 9.811 | ng | | 97 |
| 69) Atrazine | 11.104 | 200 | 39302 | 13.598 | ng | | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 48249 | 19.247 | ng | | 97 |
| 71) Phenanthrene | 11.433 | 178 | 233486 | 13.865 | ng | | 98 |
| 72) Anthracene | 11.486 | 178 | 209077 | 12.725 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 182785 | 11.962 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 220259 | 12.476 | ng | | 99 |
| 75) Fluoranthene | 12.627 | 202 | 281135 | 16.514 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 32740 | 7.878 | ng | | 96 |
| 78) Pyrene | 12.857 | 202 | 316907 | 14.325 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 90552 | 13.653 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 227719 | 13.841 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 40814 | 8.508 | ng | | 98 |
| 83) Chrysene | 14.074 | 228 | 187910 | 12.457 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 120668 | 16.216 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 186625 | 13.788 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.021 | 276 | 133341 | 9.742 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 165071 | 12.737 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 140929 | 12.609 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 141116 | 13.233 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 106050 | 9.288 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.474 | 276 | 98795 | 8.663 | ng | | 97 |

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

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