Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
Data File : BF139226.D
Acq On : 03 Sep 2024 10:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 04 01:53:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:46:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.886 | 152 | 98569 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 361172 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.927 | 164 | 207931 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 358732 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 189807 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.515 | 264 | 176912 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 498764 | 81.115 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 661705 | 81.123 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 629984 | 83.848 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 167079 | 80.106 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 1058454 | 79.260 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 1067815 | 81.093 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 107273 | 39.888 | ng | 98 |
| 3) Pyridine | 3.416 | 79 | 277247 | 40.526 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 151184 | 40.888 | ng | 98 |
| 6) Aniline | 6.551 | 93 | 301764 | 40.165 | ng | 99 |
| 8) 2-Chlorophenol | 6.675 | 128 | 249840 | 40.437 | ng | 99 |
| 9) Benzaldehyde | 6.439 | 77 | 204164 | 39.250 | ng | 100 |
| 10) Phenol | 6.528 | 94 | 351734 | 41.240 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 256646 | 40.798 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 296676 | 40.563 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.904 | 146 | 294922 | 39.909 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 276559 | 39.980 | ng | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 262065 | 41.255 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 357682 | 40.029 | ng | 99 |
| 17) 2-Methylphenol | 7.134 | 107 | 213088 | 40.843 | ng | 98 |
| 18) Hexachloroethane | 7.398 | 117 | 104769 | 40.935 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 202451 | 39.889 | ng | 99 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 272367 | 40.281 | ng | 97 |
| 22) Acetophenone | 7.298 | 105 | 369888 | 40.257 | ng | 100 |
| 24) Nitrobenzene | 7.469 | 77 | 327567 | 41.689 | ng | 97 |
| 25) Isophorone | 7.710 | 82 | 532535 | 40.896 | ng | 100 |
| 26) 2-Nitrophenol | 7.786 | 139 | 116400 | 41.383 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 168004 | 40.711 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 307257 | 40.526 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 215223 | 40.542 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 245704 | 40.333 | ng | 100 |
| 31) Naphthalene | 8.192 | 128 | 747872 | 40.383 | ng | 100 |
| 32) Benzoic acid | 7.928 | 122 | 141809 | 38.684 | ng | 98 |
| 33) 4-Chloroaniline | 8.239 | 127 | 252214 | 39.729 | ng | 100 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 165170 | 41.131 | ng | 100 |
| 35) Caprolactam | 8.610 | 113 | 64159 | 40.570 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 239526 | 41.102 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.880 | 142 | 472198 | 40.469 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.980 | 142 | 461694 | 40.121 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 247228 | 40.006 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.033 | 237 | 86773 | 40.089 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 156340 | 39.773 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 168323 | 39.790 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 594777 | 39.911 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 472507 | 39.943 | ng | 100 |
| 48) 2-Nitroaniline | 9.463 | 65 | 157389 | 43.207 | ng | 97 |
| 49) Acenaphthylene | 9.786 | 152 | 675071 | 40.147 | ng | 99 |
| 50) Dimethylphthalate | 9.645 | 163 | 522832 | 40.156 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 118951 | 42.272 | ng | 98 |
| 52) Acenaphthene | 9.957 | 154 | 452327 | 40.290 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 116928 | 42.184 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 48509 | 36.588 | ng | 94 |
| 55) Dibenzofuran | 10.133 | 168 | 647738 | 40.055 | ng | 100 |
| 56) 4-Nitrophenol | 10.027 | 139 | 89607 | 42.278 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 152910 | 43.137 | ng | 100 |
| 58) Fluorene | 10.474 | 166 | 508198 | 39.712 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 135664 | 40.442 | ng | 99 |
| 60) Diethylphthalate | 10.345 | 149 | 506606 | 40.710 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 255068 | 39.724 | ng | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 115839 | 42.560 | ng | 99 |
| 63) Azobenzene | 10.627 | 77 | 560765 | 40.884 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 70253 | 39.645 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 427958 | 40.166 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 157253 | 40.335 | ng | 99 |
| 68) Hexachlorobenzene | 11.016 | 284 | 174653 | 40.958 | ng | 97 |
| 69) Atrazine | 11.110 | 200 | 96752 | 36.509 | ng | 100 |
| 70) Pentachlorophenol | 11.210 | 266 | 112025 | 41.518 | ng | 98 |
| 71) Phenanthrene | 11.433 | 178 | 727983 | 40.346 | ng | 100 |
| 72) Anthracene | 11.486 | 178 | 710820 | 40.359 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 638263 | 41.074 | ng | 99 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 707648 | 42.593 | ng | 99 |
| 75) Fluoranthene | 12.621 | 202 | 727988 | 40.982 | ng | 100 |
| 77) Benzidine | 12.745 | 184 | 195802 | 52.198 | ng | 99 |
| 78) Pyrene | 12.851 | 202 | 726746 | 39.845 | ng | 100 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 184162 | 43.327 | ng | 100 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 488807 | 39.321 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 130973 | 40.125 | ng | 99 |
| 83) Chrysene | 14.074 | 228 | 473817 | 40.949 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 186367 | 40.755 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 323106 | 37.357 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.998 | 276 | 495900 | 39.755 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 452378 | 42.693 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.115 | 252 | 341078 | 36.914 | ng | 100 |
| 90) Benzo(a)pyrene | 15.457 | 252 | 362280 | 40.548 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.021 | 278 | 412606 | 39.749 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.445 | 276 | 417853 | 39.940 | ng | 99 |

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

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