Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140529.D
Acq On : 21 Nov 2024 11:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC005

Quant Time: Nov 21 15:09:49 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 14:50:10 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 104134 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 395935 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 219293 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 428851 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 270381 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 205006 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.499 | 112 | 65659 | 10.758 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 90026 | 11.158 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 80941 | 10.457 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 24342 | 10.379 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 170000 | 11.550 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 182707 | 10.522 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.646 | 88 | 13033 | 5.079 | ng | | 99 |
| 3) Pyridine | 3.440 | 79 | 25544 | 4.524 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.358 | 42 | 16043 | 4.835 | ng | # | 98 |
| 6) Aniline | 6.534 | 93 | 30162 | 5.311 | ng | # | 85 |
| 8) 2-Chlorophenol | 6.657 | 128 | 36046 | 5.490 | ng | | 99 |
| 10) Phenol | 6.522 | 94 | 44852 | 5.443 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 33630 | 5.333 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 41643 | 5.644 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 42002 | 5.622 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 39138 | 5.591 | ng | | 97 |
| 15) Benzyl Alcohol | 7.010 | 79 | 32114 | 5.367 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.146 | 45 | 42946 | 5.765 | ng | | 79 |
| 17) 2-Methylphenol | 7.128 | 107 | 29188 | 5.553 | ng | | 96 |
| 18) Hexachloroethane | 7.381 | 117 | 15560 | 5.577 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 26085 | 5.470 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 38915 | 5.760 | ng | | 97 |
| 22) Acetophenone | 7.275 | 105 | 53017 | 5.492 | ng | | 95 |
| 24) Nitrobenzene | 7.451 | 77 | 43460 | 5.432 | ng | | 99 |
| 25) Isophorone | 7.687 | 82 | 68701 | 5.321 | ng | | 100 |
| 26) 2-Nitrophenol | 7.769 | 139 | 17600 | 4.964 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 21843 | 5.149 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 42337 | 5.383 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 29819 | 5.305 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 33886 | 5.280 | ng | | 99 |
| 31) Naphthalene | 8.175 | 128 | 110501 | 5.418 | ng | | 99 |
| 33) 4-Chloroaniline | 8.228 | 127 | 30440 | 4.985 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 22446 | 5.280 | ng | | 99 |
| 35) Caprolactam | 8.557 | 113 | 8985 | 5.165 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 34404 | 5.467 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 71706 | 5.536 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 69955 | 5.510 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 34836 | 5.426 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 21046 | 5.224 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 22061 | 5.046 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 91336 | 5.579 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 68559 | 5.526 | ng | | 99 |

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ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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|---|---|---|---|---|---|---|---|
| 48) 2-Nitroaniline | 9.451 | 65 | 20109 | 5.050 | ng | | 99 |
| 49) Acenaphthylene | 9.769 | 152 | 103605 | 5.527 | ng | | 99 |
| 50) Dimethylphthalate | 9.622 | 163 | 79770 | 5.523 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.687 | 165 | 17217 | 5.256 | ng | | 99 |
| 52) Acenaphthene | 9.939 | 154 | 64777 | 5.337 | ng | | 97 |
| 53) 3-Nitroaniline | 9.863 | 138 | 16842 | 5.257 | ng | | 98 |
| 55) Dibenzofuran | 10.116 | 168 | 104044 | 5.727 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 22110 | 5.079 | ng | | 98 |
| 58) Fluorene | 10.457 | 166 | 82732 | 5.674 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 16825 | 5.007 | ng | # | 96 |
| 60) Diethylphthalate | 10.322 | 149 | 81981 | 5.587 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 40537 | 5.665 | ng | | 95 |
| 62) 4-Nitroaniline | 10.469 | 138 | 16848 | 5.014 | ng | | 98 |
| 63) Azobenzene | 10.604 | 77 | 77108 | 5.549 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 67794 | 5.346 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 23355 | 5.288 | ng | | 99 |
| 68) Hexachlorobenzene | 11.010 | 284 | 27532 | 5.384 | ng | | 99 |
| 69) Atrazine | 11.086 | 200 | 19452 | 5.452 | ng | | 99 |
| 71) Phenanthrene | 11.422 | 178 | 115121 | 5.584 | ng | | 98 |
| 72) Anthracene | 11.475 | 178 | 111316 | 5.520 | ng | | 100 |
| 73) Carbazole | 11.633 | 167 | 107643 | 5.549 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 122687 | 5.478 | ng | | 99 |
| 75) Fluoranthene | 12.616 | 202 | 127194 | 5.683 | ng | | 100 |
| 77) Benzidine | 12.745 | 184 | 18105 | 2.303 | ng | | 99 |
| 78) Pyrene | 12.845 | 202 | 128760 | 5.150 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 45690 | 5.073 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 95229 | 5.321 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 25321 | 4.712 | ng | | 97 |
| 83) Chrysene | 14.069 | 228 | 91528 | 5.593 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 61082 | 5.371 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 80990 | 5.211 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 61952 | 4.637 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 69048 | 5.362 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 63717 | 5.655 | ng | | 96 |
| 90) Benzo(a)pyrene | 15.469 | 252 | 54423 | 5.198 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 52029 | 4.755 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.492 | 276 | 52919 | 4.740 | ng | | 97 |

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

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