Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
Data File : BP021863.D
Acq On : 09 Sep 2024 12:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

Quant Time: Sep 10 00:02:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 23:51:05 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.758 | 152 | 161182 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.534 | 136 | 568693 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.381 | 164 | 378217 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.169 | 188 | 847066 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.616 | 240 | 866364 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.962 | 264 | 991783 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.369 | 112 | 1155844 | 97.661 | ng | 0.00 |
| 7) Phenol-d6 | 6.934 | 99 | 1645210 | 101.957 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.905 | 82 | 1060582 | 98.319 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.886 | 330 | 384651 | 86.442 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.993 | 172 | 1985006 | 85.533 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.898 | 244 | 3559429 | 84.321 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 257070 | 42.145 | ng | 100 |
| 3) Pyridine | 3.699 | 79 | 719793 | 45.348 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.599 | 42 | 236150 | 42.292 | ng | 100 |
| 6) Aniline | 7.093 | 93 | 747372 | 52.623 | ng | 100 |
| 8) 2-Chlorophenol | 7.328 | 128 | 557368 | 50.369 | ng | 100 |
| 9) Benzaldehyde | 6.905 | 77 | 440467 | 48.745 | ng | 100 |
| 10) Phenol | 6.963 | 94 | 824797 | 50.977 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.187 | 93 | 651966 | 51.715 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.652 | 146 | 511020 | 42.300 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.793 | 146 | 485377 | 40.145 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.110 | 146 | 468913 | 40.479 | ng | 100 |
| 15) Benzyl Alcohol | 7.993 | 79 | 426908 | 40.373 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281 | 45 | 427640 | 38.996 | ng | 100 |
| 17) 2-Methylphenol | 8.199 | 107 | 414298 | 40.976 | ng | 100 |
| 18) Hexachloroethane | 8.834 | 117 | 196186 | 40.059 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.557 | 70 | 348318 | 39.598 | ng | 100 |
| 20) 3+4-Methylphenols | 8.522 | 107 | 575937 | 41.237 | ng | 100 |
| 22) Acetophenone | 8.569 | 105 | 802040 | 50.822 | ng | 100 |
| 24) Nitrobenzene | 8.946 | 77 | 533635 | 48.783 | ng | 100 |
| 25) Isophorone | 9.469 | 82 | 911139 | 43.066 | ng | 100 |
| 26) 2-Nitrophenol | 9.652 | 139 | 186670 | 44.397 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.716 | 122 | 260523 | 43.107 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.946 | 93 | 569943 | 41.826 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.187 | 162 | 347881 | 44.184 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.399 | 180 | 382154 | 41.963 | ng | 100 |
| 31) Naphthalene | 10.581 | 128 | 1220226 | 40.786 | ng | 100 |
| 32) Benzoic acid | 9.840 | 122 | 292583 | 39.251 | ng | 100 |
| 33) 4-Chloroaniline | 10.687 | 127 | 469354 | 42.484 | ng | 100 |
| 34) Hexachlorobutadiene | 10.875 | 225 | 247873 | 41.874 | ng | 100 |
| 35) Caprolactam | 11.475 | 113 | 144643 | 42.510 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.816 | 107 | 504091 | 43.395 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.193 | 142 | 830778 | 42.597 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.416 | 142 | 823482 | 42.413 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.563 | 216 | 426563 | 42.950 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.551 | 237 | 148667 | 45.957 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.804 | 196 | 289320 | 45.248 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.881 | 196 | 329147 | 45.184 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.210 | 154 | 1099309 | 43.091 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.251 | 162 | 855250 | 42.798 | ng | 100 |
| 48) 2-Nitroaniline | 13.451 | 65 | 301603 | 44.865 | ng | 100 |
| 49) Acenaphthylene | 14.098 | 152 | 1279210 | 42.142 | ng | 100 |
| 50) Dimethylphthalate | 13.834 | 163 | 1125259 | 42.640 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.945 | 165 | 251510 | 43.181 | ng | 100 |
| 52) Acenaphthene | 14.445 | 154 | 824822 | 41.898 | ng | 100 |
| 53) 3-Nitroaniline | 14.281 | 138 | 262451 | 45.081 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.492 | 184 | 127621 | 42.904 | ng | 100 |
| 55) Dibenzofuran | 14.781 | 168 | 1299479 | 41.550 | ng | 100 |
| 56) 4-Nitrophenol | 14.604 | 139 | 229869 | 44.735 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.745 | 165 | 361538 | 45.026 | ng | 100 |
| 58) Fluorene | 15.439 | 166 | 1097688 | 42.543 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.016 | 232 | 284339 | 43.203 | ng | 100 |
| 60) Diethylphthalate | 15.216 | 149 | 1204490 | 43.691 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.434 | 204 | 528330 | 41.797 | ng | 100 |
| 62) 4-Nitroaniline | 15.451 | 138 | 289970 | 45.190 | ng | 100 |
| 63) Azobenzene | 15.734 | 77 | 1208342 | 41.172 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 198 | 184117 | 44.324 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.651 | 169 | 933690 | 42.011 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.345 | 248 | 329168 | 41.138 | ng | 100 |
| 68) Hexachlorobenzene | 16.463 | 284 | 396811 | 41.193 | ng | 100 |
| 69) Atrazine | 16.622 | 200 | 252667 | 36.047 | ng | 100 |
| 70) Pentachlorophenol | 16.810 | 266 | 271806 | 44.012 | ng | 100 |
| 71) Phenanthrene | 17.216 | 178 | 1731085 | 41.381 | ng | 100 |
| 72) Anthracene | 17.310 | 178 | 1698559 | 42.310 | ng | 100 |
| 73) Carbazole | 17.586 | 167 | 1737299 | 42.081 | ng | 100 |
| 74) Di-n-butylphthalate | 18.175 | 149 | 2075958 | 44.077 | ng | 100 |
| 75) Fluoranthene | 19.298 | 202 | 2198629 | 41.689 | ng | 100 |
| 77) Benzidine | 19.498 | 184 | 759051 | 49.455 | ng | 100 |
| 78) Pyrene | 19.675 | 202 | 2329123 | 41.662 | ng | 100 |
| 80) Butylbenzylphthalate | 20.622 | 149 | 984449 | 43.526 | ng | 100 |
| 81) Benzo(a)anthracene | 21.592 | 228 | 2278458 | 41.489 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.516 | 252 | 771484 | 43.286 | ng | 100 |
| 83) Chrysene | 21.663 | 228 | 2163201 | 41.117 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.533 | 149 | 1452300 | 44.349 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.810 | 149 | 2417575 | 45.314 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.745 | 276 | 2590148m | 41.398 | ng | |
| 88) Benzo(b)fluoranthene | 23.898 | 252 | 2380527 | 41.409 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.963 | 252 | 2289625 | 41.750 | ng | 100 |
| 90) Benzo(a)pyrene | 24.786 | 252 | 2073382 | 41.965 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.821 | 278 | 2114709 | 41.188 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.927 | 276 | 2245482 | 41.721 | ng | 100 |

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

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