Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
Data File : BP020440.D
Acq On : 22 May 2024 17:49
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 23 02:04:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 01:51:30 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 145433 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.328 | 136 | 569933 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.234 | 164 | 353232 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.075 | 188 | 667439 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.551 | 240 | 625929 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.845 | 264 | 698803 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.181 | 112 | 636207 | 80.754 | ng | 0.00 |
| 7) Phenol-d6 | 6.746 | 99 | 879900 | 79.775 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.716 | 82 | 974691 | 81.825 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.781 | 330 | 375851 | 81.893 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.828 | 172 | 2153803 | 84.264 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.833 | 244 | 3017028 | 82.466 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.181 | 88 | 131039 | 38.028 | ng | 100 |
| 3) Pyridine | 3.569 | 79 | 327244m | 38.511 | ng | |
| 4) n-Nitrosodimethylamine | 3.493 | 42 | 162274 | 39.338 | ng | 100 |
| 6) Aniline | 6.905 | 93 | 416690 | 39.768 | ng | 100 |
| 8) 2-Chlorophenol | 7.122 | 128 | 358063 | 40.511 | ng | 100 |
| 9) Benzaldehyde | 6.728 | 77 | 238703 | 38.318 | ng | 100 |
| 10) Phenol | 6.769 | 94 | 443119 | 39.862 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.005 | 93 | 363895 | 41.104 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.440 | 146 | 428139 | 40.300 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.587 | 146 | 434037 | 39.852 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.893 | 146 | 412838 | 39.601 | ng | 100 |
| 15) Benzyl Alcohol | 7.810 | 79 | 370549 | 40.655 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.075 | 45 | 420444 | 41.480 | ng | 100 |
| 17) 2-Methylphenol | 8.005 | 107 | 300084 | 40.562 | ng | 100 |
| 18) Hexachloroethane | 8.599 | 117 | 171195 | 41.375 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.369 | 70 | 306595 | 40.641 | ng | 100 |
| 20) 3+4-Methylphenols | 8.334 | 107 | 416214 | 40.851 | ng | 100 |
| 22) Acetophenone | 8.387 | 105 | 583245 | 40.105 | ng | 100 |
| 24) Nitrobenzene | 8.757 | 77 | 479730 | 40.887 | ng | 100 |
| 25) Isophorone | 9.281 | 82 | 817012 | 41.338 | ng | 100 |
| 26) 2-Nitrophenol | 9.463 | 139 | 202391 | 41.888 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.522 | 122 | 230773 | 41.088 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.757 | 93 | 486132 | 42.555 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.993 | 162 | 349008 | 41.432 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.187 | 180 | 431225 | 41.025 | ng | 100 |
| 31) Naphthalene | 10.375 | 128 | 1155283 | 40.155 | ng | 100 |
| 32) Benzoic acid | 9.716 | 122 | 237932 | 37.738 | ng | 100 |
| 33) 4-Chloroaniline | 10.516 | 127 | 400938 | 41.156 | ng | 100 |
| 34) Hexachlorobutadiene | 10.634 | 225 | 317291 | 42.873 | ng | 100 |
| 35) Caprolactam | 11.340 | 113 | 92067 | 38.581 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.651 | 107 | 385427 | 39.579 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.010 | 142 | 801564 | 40.644 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.228 | 142 | 794056 | 40.601 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.381 | 216 | 490162 | 42.703 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.334 | 237 | 164832 | 43.099 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.640 | 196 | 295398 | 42.297 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.722 | 196 | 323564 | 42.178 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.045 | 154 | 1045805 | 42.020 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.087 | 162 | 808140 | 40.409 | ng | 100 |
| 48) 2-Nitroaniline | 13.328 | 65 | 241914 | 40.918 | ng | 100 |
| 49) Acenaphthylene | 13.951 | 152 | 1157807 | 40.942 | ng | 100 |
| 50) Dimethylphthalate | 13.704 | 163 | 981294 | 40.536 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.839 | 165 | 221736 | 40.835 | ng | 100 |
| 52) Acenaphthene | 14.298 | 154 | 732546 | 40.700 | ng | 100 |
| 53) 3-Nitroaniline | 14.181 | 138 | 189147 | 40.512 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.416 | 184 | 118904 | 38.074 | ng | 100 |
| 55) Dibenzofuran | 14.645 | 168 | 1180340 | 40.643 | ng | 100 |
| 56) 4-Nitrophenol | 14.522 | 139 | 128903 | 40.737 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 292670 | 40.449 | ng | 100 |
| 58) Fluorene | 15.316 | 166 | 930165 | 39.448 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.887 | 232 | 269925 | 40.367 | ng | 100 |
| 60) Diethylphthalate | 15.104 | 149 | 979079 | 41.160 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.316 | 204 | 531610 | 41.059 | ng | 100 |
| 62) 4-Nitroaniline | 15.386 | 138 | 172687 | 40.702 | ng | 100 |
| 63) Azobenzene | 15.622 | 77 | 926533 | 40.243 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.434 | 198 | 171778 | 40.380 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.545 | 169 | 765101 | 41.493 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.239 | 248 | 325280 | 43.189 | ng | 100 |
| 68) Hexachlorobenzene | 16.345 | 284 | 367089 | 41.244 | ng | 100 |
| 69) Atrazine | 16.551 | 200 | 227236 | 42.265 | ng | 100 |
| 70) Pentachlorophenol | 16.716 | 266 | 218498 | 43.313 | ng | 100 |
| 71) Phenanthrene | 17.122 | 178 | 1300261 | 40.415 | ng | 100 |
| 72) Anthracene | 17.216 | 178 | 1307212 | 41.404 | ng | 100 |
| 73) Carbazole | 17.516 | 167 | 1174264 | 41.571 | ng | 100 |
| 74) Di-n-butylphthalate | 18.104 | 149 | 1574585 | 46.442 | ng | 100 |
| 75) Fluoranthene | 19.233 | 202 | 1596906 | 42.609 | ng | 100 |
| 77) Benzidine | 19.457 | 184 | 508178 | 57.864 | ng | 100 |
| 78) Pyrene | 19.610 | 202 | 1743085 | 41.156 | ng | 100 |
| 80) Butylbenzylphthalate | 20.580 | 149 | 688517 | 45.566 | ng | 100 |
| 81) Benzo(a)anthracene | 21.533 | 228 | 1610280 | 41.196 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.468 | 252 | 582291 | 43.698 | ng | 100 |
| 83) Chrysene | 21.604 | 228 | 1541846 | 40.086 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.480 | 149 | 1070576 | 48.907 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.751 | 149 | 1735347 | 47.638 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.586 | 276 | 1893750 | 39.775 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.804 | 252 | 1694340 | 42.436 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.874 | 252 | 1645580 | 41.682 | ng | 100 |
| 90) Benzo(a)pyrene | 24.686 | 252 | 1473777 | 41.690 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.656 | 278 | 1585238 | 40.361 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.750 | 276 | 1573478 | 39.060 | ng | 100 |

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

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