Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005279.D
Acq On : 13 Apr 2021 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 14 02:38:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

mohammad
4/14/2021 11:50:52 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.675 | 152 | 32874 | 20.00 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.463 | 136 | 93346 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.339 | 164 | 50434 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.098 | 188 | 100999 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.204 | 240 | 116730 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.474 | 264 | 119286 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.275 | 112 | 270598 | 86.39 | ng | | 0.00 |
| 7) Phenol-d6 | 6.863 | 99 | 283324 | 79.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.840 | 82 | 250603 | 84.66 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.839 | 330 | 50443 | 79.23 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.951 | 172 | 327413 | 87.64 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.680 | 244 | 488937 | 82.28 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.211 | 88 | 69683 | 37.68 | ng | # | 90 |
| 3) Pyridine | 3.611 | 79 | 160714 | 38.76 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.522 | 42 | 45218 | 36.94 | ng | # | 78 |
| 6) Aniline | 7.010 | 93 | 148562 | 38.62 | ng | # | 85 |
| 8) 2-Chlorophenol | 7.246 | 128 | 90839 | 40.41 | ng | # | 73 |
| 9) Benzaldehyde | 6.828 | 77 | 88513 | 37.61 | ng | # | 72 |
| 10) Phenol | 6.887 | 94 | 143003 | 39.07 | ng | | 73 |
| 11) bis(2-Chloroethyl)ether | 7.110 | 93 | 104626 | 39.88 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 7.563 | 146 | 98707 | 40.35 | ng | # | 83 |
| 13) 1,4-Dichlorobenzene | 7.710 | 146 | 98594 | 40.82 | ng | # | 91 |
| 14) 1,2-Dichlorobenzene | 8.028 | 146 | 89998 | 39.20 | ng | # | 89 |
| 15) Benzyl Alcohol | 7.928 | 79 | 84158 | 33.99 | ng | # | 77 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.210 | 45 | 58573 | 38.35 | ng | | 70 |
| 17) 2-Methylphenol | 8.128 | 107 | 71614 | 35.66 | ng | # | 78 |
| 18) Hexachloroethane | 8.740 | 117 | 41517 | 39.63 | ng | # | 85 |
| 19) n-Nitroso-di-n-propyla... | 8.487 | 70 | 77354 | 35.18 | ng | # | 85 |
| 20) 3+4-Methylphenols | 8.457 | 107 | 93626 | 35.60 | ng | | 86 |
| 22) Acetophenone | 8.504 | 105 | 137328 | 41.76 | ng | # | 88 |
| 24) Nitrobenzene | 8.881 | 77 | 128667 | 42.05 | ng | # | 65 |
| 25) Isophorone | 9.404 | 82 | 186663 | 37.80 | ng | # | 82 |
| 26) 2-Nitrophenol | 9.587 | 139 | 32430 | 38.16 | ng | # | 29 |
| 27) 2,4-Dimethylphenol | 9.657 | 122 | 54095 | 39.31 | ng | # | 77 |
| 28) bis(2-Chloroethoxy)met... | 9.887 | 93 | 90636 | 38.72 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 10.122 | 162 | 59607 | 38.97 | ng | | 88 |
| 30) 1,2,4-Trichlorobenzene | 10.328 | 180 | 72504 | 41.35 | ng | | 96 |
| 31) Naphthalene | 10.516 | 128 | 207174 | 40.53 | ng | | 99 |
| 32) Benzoic acid | 9.822 | 122 | 28957 | 32.07 | ng | # | 51 |
| 33) 4-Chloroaniline | 10.634 | 127 | 72092 | 37.85 | ng | # | 73 |
| 34) Hexachlorobutadiene | 10.793 | 225 | 53747 | 44.24 | ng | | 99 |
| 35) Caprolactam | 11.434 | 113 | 16338m | 32.18 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.775 | 107 | 73062 | 36.93 | ng | # | 71 |
| 37) 2-Methylnaphthalene | 12.140 | 142 | 135584 | 39.12 | ng | # | 90 |
| 38) 1-Methylnaphthalene | 12.357 | 142 | 126999 | 38.72 | ng | # | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216 | 76775 | 45.18 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.481 | 237 | 31526 | 40.26 | ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 12.763 | 196 | 44714 | 41.88 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.840 | 196 | 47107 | 40.44 | ng | # | 83 |
| 46) 1,1'-Biphenyl | 13.163 | 154 | 165593 | 43.32 | ng | | 94 |
| 47) 2-Chloronaphthalene | 13.204 | 162 | 131012 | 43.36 | ng | | 93 |
| 48) 2-Nitroaniline | 13.422 | 65 | 45451 | 35.56 | ng | # | 42 |
| 49) Acenaphthylene | 14.057 | 152 | 195868 | 41.91 | ng | | 99 |
| 50) Dimethylphthalate | 13.804 | 163 | 145538 | 39.31 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.922 | 165 | 33202 | 40.32 | ng | # | 1 |
| 52) Acenaphthene | 14.404 | 154 | 118423 | 41.48 | ng | | 96 |
| 53) 3-Nitroaniline | 14.257 | 138 | 28462 | 35.16 | ng | # | 7 |
| 54) 2,4-Dinitrophenol | 14.475 | 184 | 16168 | 34.56 | ng | # | 50 |
| 55) Dibenzofuran | 14.739 | 168 | 201910 | 42.47 | ng | | 92 |
| 56) 4-Nitrophenol | 14.592 | 139 | 22618 | 35.86 | ng | # | 1 |
| 57) 2,4-Dinitrotoluene | 14.716 | 165 | 45354 | 39.62 | ng | # | 14 |
| 58) Fluorene | 15.392 | 166 | 155848 | 40.44 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232 | 40418 | 38.96 | ng | # | 92 |
| 60) Diethylphthalate | 15.175 | 149 | 145466 | 38.41 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.392 | 204 | 83989 | 41.54 | ng | | 96 |
| 62) 4-Nitroaniline | 15.428 | 138 | 29365m | 35.13 | ng | | |
| 63) Azobenzene | 15.686 | 77 | 243520 | 41.67 | ng | | 77 |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198 | 24824 | 36.61 | ng | # | 70 |
| 66) n-Nitrosodiphenylamine | 15.610 | 169 | 128441 | 42.09 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.292 | 248 | 49929 | 43.27 | ng | | 90 |
| 68) Hexachlorobenzene | 16.404 | 284 | 54843 | 44.46 | ng | # | 91 |
| 69) Atrazine | 16.575 | 200 | 41335 | 38.71 | ng | | 98 |
| 70) Pentachlorophenol | 16.757 | 266 | 28774 | 38.66 | ng | | 93 |
| 71) Phenanthrene | 17.145 | 178 | 238371 | 41.75 | ng | | 100 |
| 72) Anthracene | 17.233 | 178 | 231224 | 41.80 | ng | | 98 |
| 73) Carbazole | 17.516 | 167 | 214435 | 40.60 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.069 | 149 | 227300 | 38.52 | ng | # | 94 |
| 75) Fluoranthene | 19.127 | 202 | 278323 | 39.74 | ng | | 98 |
| 77) Benzidine | 19.316 | 184 | 74453 | 34.85 | ng | | 99 |
| 78) Pyrene | 19.480 | 202 | 290068 | 39.98 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.357 | 149 | 87531 | 32.29 | ng | # | 60 |
| 81) Benzo(a)anthracene | 21.186 | 228 | 296826 | 38.54 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.127 | 252 | 83841 | 37.21 | ng | | 99 |
| 83) Chrysene | 21.239 | 228 | 297806 | 39.75 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.116 | 149 | 145990 | 34.27 | ng | | 99 |
| 85) Di-n-octyl phthalate | 21.992 | 149 | 265398 | 34.69 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 25.809 | 276 | 379401 | 41.61 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 22.786 | 252 | 315671 | 40.43 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 22.833 | 252 | 299119 | 39.97 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.374 | 252 | 290575 | 40.21 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 25.815 | 278 | 328393 | 41.31 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.521 | 276 | 318382 | 41.41 | ng | # | 91 |

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

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