Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005251.D
Acq On : 09 Apr 2021 14:46
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
mohammad
4/12/2021 2:43:23 PM

Quant Time: Apr 09 16:47:28 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 16:43:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.681 | 152 | 23690 | 20.00 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.469 | 136 | 79314 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.339 | 164 | 47953 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 99661 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.204 | 240 | 108529 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.474 | 264 | 116683 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.281 | 112 | 46748 | 30.37 | ng | | 0.00 |
| 7) Phenol-d6 | 6.863 | 99 | 53297 | 24.17 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.840 | 82 | 49283 | 26.66 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.845 | 330 | 11389 | 18.23 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.951 | 172 | 70696 | 19.94 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.680 | 244 | 108315 | 18.17 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.222 | 88 | 14013 | 20.90 | ng | # | 93 |
| 3) Pyridine | 3.640 | 79 | 29014 | 17.41 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 9536 | 16.00 | ng | # | 16 |
| 6) Aniline | 7.016 | 93 | 28938 | 11.58 | ng | # | 81 |
| 8) 2-Chlorophenol | 7.252 | 128 | 16841 | 10.37 | ng | # | 78 |
| 9) Benzaldehyde | 6.834 | 77 | 19480 | 17.35 | ng | # | 62 |
| 10) Phenol | 6.893 | 94 | 28375 | 12.56 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.116 | 93 | 19467 | 11.77 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 7.569 | 146 | 18385 | 10.19 | ng | # | 82 |
| 13) 1,4-Dichlorobenzene | 7.716 | 146 | 18581 | 10.15 | ng | # | 85 |
| 14) 1,2-Dichlorobenzene | 8.028 | 146 | 17579 | 10.01 | ng | # | 91 |
| 15) Benzyl Alcohol | 7.934 | 79 | 17360 | 10.20 | ng | # | 78 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.210 | 45 | 11439 | 9.43 | ng | | 81 |
| 17) 2-Methylphenol | 8.134 | 107 | 14822 | 10.28 | ng | # | 86 |
| 18) Hexachloroethane | 8.746 | 117 | 7776 | 11.14 | ng | # | 82 |
| 19) n-Nitroso-di-n-propyla... | 8.487 | 70 | 15235 | 10.65 | ng | # | 84 |
| 20) 3+4-Methylphenols | 8.463 | 107 | 19484 | 9.89 | ng | | 84 |
| 22) Acetophenone | 8.505 | 105 | 28105 | 12.33 | ng | # | 89 |
| 24) Nitrobenzene | 8.881 | 77 | 25139 | 12.90 | ng | # | 65 |
| 25) Isophorone | 9.404 | 82 | 40907 | 11.99 | ng | # | 82 |
| 26) 2-Nitrophenol | 9.593 | 139 | 7038 | 9.32 | ng | # | 18 |
| 27) 2,4-Dimethylphenol | 9.657 | 122 | 11566 | 9.52 | ng | # | 86 |
| 28) bis(2-Chloroethoxy)met... | 9.893 | 93 | 19201 | 11.12 | ng | # | 95 |
| 29) 2,4-Dichlorophenol | 10.128 | 162 | 12511 | 9.20 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.334 | 180 | 15661 | 10.26 | ng | | 95 |
| 31) Naphthalene | 10.516 | 128 | 43745 | 9.76 | ng | | 98 |
| 32) Benzoic acid | 9.775 | 122 | 5725 | 6.35 | ng | # | 52 |
| 33) 4-Chloroaniline | 10.646 | 127 | 15448 | 8.52 | ng | # | 73 |
| 34) Hexachlorobutadiene | 10.799 | 225 | 10380 | 10.56 | ng | | 97 |
| 35) Caprolactam | 11.434 | 113 | 3748 | 8.40 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 11.781 | 107 | 15709 | 9.57 | ng | # | 79 |
| 37) 2-Methylnaphthalene | 12.140 | 142 | 28038 | 8.67 | ng | # | 90 |
| 38) 1-Methylnaphthalene | 12.363 | 142 | 27812 | 9.17 | ng | # | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216 | 15995 | 10.24 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.487 | 237 | 5550 | 6.53 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.769 | 196 | 9343m | 8.66 | ng | | |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.845 | 196 | 10582 | 9.05 | ng | # | 82 |
| 46) 1,1'-Biphenyl | 13.169 | 154 | 35279 | 9.65 | ng | | 94 |
| 47) 2-Chloronaphthalene | 13.204 | 162 | 28736 | 9.65 | ng | | 98 |
| 48) 2-Nitroaniline | 13.428 | 65 | 8920 | 9.40 | ng | # | 41 |
| 49) Acenaphthylene | 14.057 | 152 | 44082 | 9.52 | ng | | 94 |
| 50) Dimethylphthalate | 13.804 | 163 | 34288 | 9.28 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 13.922 | 165 | 6935 | 7.97 | ng | # | 9 |
| 52) Acenaphthene | 14.404 | 154 | 26241 | 9.21 | ng | | 99 |
| 53) 3-Nitroaniline | 14.263 | 138 | 5936 | 7.41 | ng | # | 51 |
| 54) 2,4-Dinitrophenol | 14.481 | 184 | 3036 | 5.76 | ng | # | 59 |
| 55) Dibenzofuran | 14.745 | 168 | 43653 | 9.35 | ng | # | 89 |
| 56) 4-Nitrophenol | 14.592 | 139 | 4634 | 7.05 | ng | # | 1 |
| 57) 2,4-Dinitrotoluene | 14.722 | 165 | 9314 | 8.10 | ng | # | 13 |
| 58) Fluorene | 15.398 | 166 | 35091 | 9.31 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.981 | 232 | 9628 | 8.93 | ng | | 96 |
| 60) Diethylphthalate | 15.175 | 149 | 33292 | 9.22 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.392 | 204 | 18501 | 9.24 | ng | | 94 |
| 62) 4-Nitroaniline | 15.428 | 138 | 6263 | 7.61 | ng | # | 35 |
| 63) Azobenzene | 15.686 | 77 | 51747 | 12.53 | ng | # | 78 |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198 | 5389 | 7.41 | ng | # | 65 |
| 66) n-Nitrosodiphenylamine | 15.610 | 169 | 29574 | 9.23 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.292 | 248 | 11514 | 9.97 | ng | | 93 |
| 68) Hexachlorobenzene | 16.404 | 284 | 12206 | 9.40 | ng | # | 90 |
| 69) Atrazine | 16.575 | 200 | 9698 | 9.11 | ng | | 95 |
| 70) Pentachlorophenol | 16.757 | 266 | 5891 | 6.87 | ng | | 96 |
| 71) Phenanthrene | 17.145 | 178 | 54319 | 9.40 | ng | | 99 |
| 72) Anthracene | 17.239 | 178 | 52127 | 9.23 | ng | | 99 |
| 73) Carbazole | 17.516 | 167 | 49665 | 9.36 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.075 | 149 | 51301 | 8.79 | ng | # | 94 |
| 75) Fluoranthene | 19.127 | 202 | 65244 | 9.60 | ng | | 98 |
| 77) Benzidine | 19.316 | 184 | 15357 | 6.45 | ng | # | 96 |
| 78) Pyrene | 19.480 | 202 | 67782 | 9.09 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.357 | 149 | 22873 | 8.27 | ng | # | 58 |
| 81) Benzo(a)anthracene | 21.186 | 228 | 72085 | 9.78 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.127 | 252 | 19609 | 7.91 | ng | | 97 |
| 83) Chrysene | 21.239 | 228 | 69060 | 9.54 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.116 | 149 | 36133 | 8.91 | ng | | 98 |
| 85) Di-n-octyl phthalate | 21.998 | 149 | 66164 | 9.67 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 25.804 | 276 | 90132 | 10.30 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 22.786 | 252 | 75327 | 9.09 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 22.833 | 252 | 72798m | 9.17 | ng | | |
| 90) Benzo(a)pyrene | 23.374 | 252 | 70021 | 9.42 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.815 | 278 | 77442 | 10.24 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 26.509 | 276 | 75855 | 10.39 | ng | # | 91 |

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

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