Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042121\
Data File : BP005356.D
Acq On : 21 Apr 2021 12:58
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
mohammad
4/22/2021 12:10:57 PM

Quant Time: Apr 21 15:46:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:45:49 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.645 | 152 | 43871 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.433 | 136 | 150762 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.310 | 164 | 111079 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.074 | 188 | 269974 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.174 | 240 | 358487 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.439 | 264 | 382977 | 20.00 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.251 | 112 | 22420 | 8.13 | ng | | 0.00 |
| 7) Phenol-d6 | 6.834 | 99 | 30920 | 9.71 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.810 | 82 | 25817 | 4.57 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.816 | 330 | 17063 | 6.60 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.922 | 172 | 77168 | 9.19 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.651 | 244 | 165982 | 8.96 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.187 | 88 | 6396 | 3.74 | ng | # | 85 |
| 3) Pyridine | 3.628 | 79 | 10431 | 2.89 | ng | # | 78 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 6532 | 5.36 | ng | # | 17 |
| 6) Aniline | 6.987 | 93 | 16234 | 5.94 | ng | # | 87 |
| 8) 2-Chlorophenol | 7.216 | 128 | 12398 | 4.67 | ng | | 84 |
| 9) Benzaldehyde | 6.804 | 77 | 10702 | 7.30 | ng | | 90 |
| 10) Phenol | 6.863 | 94 | 15040 | 4.76 | ng | | 80 |
| 11) bis(2-Chloroethyl)ether | 7.087 | 93 | 11755 | 5.18 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.534 | 146 | 15506 | 4.41 | ng | # | 87 |
| 13) 1,4-Dichlorobenzene | 7.681 | 146 | 15652 | 4.62 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.998 | 146 | 15084 | 4.75 | ng | | 97 |
| 15) Benzyl Alcohol | 7.904 | 79 | 11379 | 8.41 | ng | | 84 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.187 | 45 | 9807 | 7.30 | ng | | 97 |
| 17) 2-Methylphenol | 8.104 | 107 | 9678 | 6.26 | ng | # | 87 |
| 18) Hexachloroethane | 8.716 | 117 | 5258 | 4.40 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.457 | 70 | 8225 | 6.38 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.439 | 107 | 12391 | 6.87 | ng | | 92 |
| 22) Acetophenone | 8.481 | 105 | 19118 | 2.56 | ng | # | 93 |
| 24) Nitrobenzene | 8.851 | 77 | 13791 | 2.54 | ng | | 94 |
| 25) Isophorone | 9.381 | 82 | 20957 | 3.89 | ng | | 99 |
| 26) 2-Nitrophenol | 9.569 | 139 | 4562 | 2.93 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 9.634 | 122 | 8480 | 3.88 | ng | | 87 |
| 28) bis(2-Chloroethoxy)met... | 9.869 | 93 | 12140 | 4.35 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.116 | 162 | 10993 | 4.05 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.298 | 180 | 16671 | 4.40 | ng | | 93 |
| 31) Naphthalene | 10.486 | 128 | 37898 | 4.28 | ng | | 96 |
| 33) 4-Chloroaniline | 10.622 | 127 | 11986 | 4.27 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.763 | 225 | 14355 | 4.08 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 11.763 | 107 | 11051 | 4.94 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.116 | 142 | 24801 | 4.58 | ng | | 92 |
| 38) 1-Methylnaphthalene | 12.333 | 142 | 24927 | 4.78 | ng | # | 90 |
| 40) 1,2,4,5-Tetrachloroben... | 12.486 | 216 | 22859 | 5.24 | ng | # | 98 |
| 43) 2,4,6-Trichlorophenol | 12.745 | 196 | 10173 | 4.46 | ng | | 94 |
| 44) 2,4,5-Trichlorophenol | 12.822 | 196 | 10629 | 4.20 | ng | # | 91 |
| 46) 1,1'-Biphenyl | 13.139 | 154 | 36991 | 4.84 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.180 | 162 | 29924 | 4.65 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 48) 2-Nitroaniline | 13.398 | 65 | 4810 | 3.37 | ng | # | 90 |
| 49) Acenaphthylene | 14.033 | 152 | 38294 | 3.99 | ng | | 97 |
| 50) Dimethylphthalate | 13.774 | 163 | 32876 | 4.53 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 13.898 | 165 | 6129 | 3.29 | ng | # | 76 |
| 52) Acenaphthene | 14.374 | 154 | 27348 | 4.36 | ng | | 94 |
| 53) 3-Nitroaniline | 14.245 | 138 | 5060 | 3.52 | ng | # | 81 |
| 55) Dibenzofuran | 14.716 | 168 | 48508 | 4.06 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.704 | 165 | 8110 | 2.88 | ng | # | 79 |
| 58) Fluorene | 15.369 | 166 | 37243 | 3.78 | ng | | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.951 | 232 | 12130 | 4.03 | ng | # | 96 |
| 60) Diethylphthalate | 15.145 | 149 | 29166 | 3.91 | ng | # | 95 |
| 61) 4-Chlorophenyl-phenyle... | 15.369 | 204 | 24121 | 4.09 | ng | | 96 |
| 62) 4-Nitroaniline | 15.416 | 138 | 3821 | 2.52 | ng | # | 53 |
| 63) Azobenzene | 15.663 | 77 | 31410 | 3.12 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.586 | 169 | 31150 | 4.31 | ng | # | 93 |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248 | 15637 | 4.24 | ng | | 94 |
| 68) Hexachlorobenzene | 16.374 | 284 | 20184 | 4.16 | ng | | 97 |
| 69) Atrazine | 16.545 | 200 | 11486 | 4.04 | ng | | 96 |
| 71) Phenanthrene | 17.115 | 178 | 65037 | 4.05 | ng | | 98 |
| 72) Anthracene | 17.210 | 178 | 59983 | 3.95 | ng | | 95 |
| 73) Carbazole | 17.492 | 167 | 52735 | 3.86 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.045 | 149 | 39395 | 3.37 | ng | # | 93 |
| 75) Fluoranthene | 19.104 | 202 | 81399 | 3.94 | ng | | 98 |
| 77) Benzidine | 19.298 | 184 | 24994 | 5.51 | ng | | 98 |
| 78) Pyrene | 19.457 | 202 | 86692 | 4.77 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.333 | 149 | 17232 | 4.29 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.162 | 228 | 100076 | 4.59 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.104 | 252 | 27489 | 4.77 | ng | | 99 |
| 83) Chrysene | 21.215 | 228 | 108371 | 4.96 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.086 | 149 | 24863 | 4.02 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 25.750 | 276 | 133086 | 4.27 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.750 | 252 | 109949m | 4.21 | ng | | |
| 89) Benzo(k)fluoranthene | 22.798 | 252 | 112643m | 4.53 | ng | | |
| 90) Benzo(a)pyrene | 23.339 | 252 | 101665 | 4.35 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.762 | 278 | 114984 | 4.22 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.456 | 276 | 110335 | 4.33 | ng | | 95 |

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

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