Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041521\
Data File : BP005306.D
Acq On : 15 Apr 2021 19:34
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
mohammad
4/16/2021 11:32:36 AM

Quant Time: Apr 16 01:00:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 00:51:26 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.664 | 152 | 38764 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.458 | 136 | 105187 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.328 | 164 | 71259 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.092 | 188 | 156982 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.198 | 240 | 191491 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.469 | 264 | 179029 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.264 | 112 | 508768 | 137.74 | ng | | 0.00 |
| 7) Phenol-d6 | 6.858 | 99 | 624164 | 148.10 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.834 | 82 | 566185 | 169.74 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.840 | 330 | 177645 | 197.49 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.946 | 172 | 952589 | 180.47 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.675 | 244 | 1786060 | 183.23 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.193 | 88 | 109099 | 50.02 | ng | | 98 |
| 3) Pyridine | 3.593 | 79 | 280059m | 57.28 | ng | | |
| 4) n-Nitrosodimethylamine | 3.511 | 42 | 81677 | 56.59 | ng | # | 65 |
| 6) Aniline | 7.005 | 93 | 315090 | 69.46 | ng | | 100 |
| 8) 2-Chlorophenol | 7.234 | 128 | 222678 | 84.01 | ng | | 98 |
| 9) Benzaldehyde | 6.817 | 77 | 121270 | 43.70 | ng | | 97 |
| 10) Phenol | 6.887 | 94 | 311238 | 72.11 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.105 | 93 | 227982 | 73.70 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.552 | 146 | 243196 | 84.31 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.699 | 146 | 241048 | 84.64 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.017 | 146 | 226229 | 83.57 | ng | | 98 |
| 15) Benzyl Alcohol | 7.917 | 79 | 177286 | 60.73 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.199 | 45 | 145716 | 80.90 | ng | | 98 |
| 17) 2-Methylphenol | 8.122 | 107 | 167411 | 70.71 | ng | | 98 |
| 18) Hexachloroethane | 8.734 | 117 | 92981 | 75.26 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.481 | 70 | 173136 | 66.79 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.458 | 107 | 219247 | 70.70 | ng | | 96 |
| 22) Acetophenone | 8.493 | 105 | 343573 | 92.71 | ng | # | 97 |
| 24) Nitrobenzene | 8.875 | 77 | 281286 | 81.58 | ng | | 98 |
| 26) 2-Nitrophenol | 9.581 | 139 | 82694 | 86.35 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.646 | 122 | 134624 | 86.81 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.881 | 93 | 217856 | 82.59 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.116 | 162 | 159077 | 92.30 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.322 | 180 | 188087 | 95.19 | ng | | 99 |
| 31) Naphthalene | 10.505 | 128 | 527600 | 91.61 | ng | | 99 |
| 32) Benzoic acid | 9.863 | 122 | 78486 | 77.15 | ng | | 90 |
| 33) 4-Chloroaniline | 10.628 | 127 | 194196 | 90.48 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.781 | 225 | 136869 | 99.97 | ng | | 97 |
| 35) Caprolactam | 11.457 | 113 | 46044 | 80.49 | ng | | 90 |
| 37) 2-Methylnaphthalene | 12.128 | 142 | 363678 | 93.13 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.352 | 142 | 346994 | 93.89 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.504 | 216 | 218272 | 90.91 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.757 | 196 | 132260 | 87.68 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.834 | 196 | 143839 | 87.39 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.157 | 154 | 468493 | 86.74 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.199 | 162 | 376400 | 88.18 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 49) Acenaphthylene | 14.051 | 152 | 573304 | 86.83 | ng | 100 |
| 50) Dimethylphthalate | 13.799 | 163 | 451444 | 86.30 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 13.922 | 165 | 108155 | 92.97 | ng | 98 |
| 52) Acenaphthene | 14.399 | 154 | 355398 | 88.12 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.469 | 184 | 56763 | 89.19 | ng | 94 |
| 55) Dibenzofuran | 14.734 | 168 | 617119 | 91.86 | ng | 97 |
| 56) 4-Nitrophenol | 14.587 | 139 | 75743 | 85.00 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.722 | 165 | 158552 | 98.04 | ng | 96 |
| 58) Fluorene | 15.387 | 166 | 507018 | 93.12 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.969 | 232 | 132571m | 90.45 | ng | |
| 60) Diethylphthalate | 15.169 | 149 | 459661 | 85.91 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.387 | 204 | 271516 | 95.05 | ng | 98 |
| 62) 4-Nitroaniline | 15.434 | 138 | 93994 | 86.35 | ng | 94 |
| 63) Azobenzene | 15.681 | 77 | 637644 | 77.23 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.493 | 198 | 90210 | 85.58 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.604 | 169 | 418875 | 88.31 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.281 | 248 | 165970 | 92.54 | ng | 96 |
| 68) Hexachlorobenzene | 16.398 | 284 | 186239 | 97.15 | ng | 97 |
| 69) Atrazine | 16.569 | 200 | 138976 | 83.74 | ng | 95 |
| 70) Pentachlorophenol | 16.751 | 266 | 101086 | 87.39 | ng | 93 |
| 71) Phenanthrene | 17.140 | 178 | 787982 | 88.80 | ng | 99 |
| 72) Anthracene | 17.228 | 178 | 774668 | 90.10 | ng | 99 |
| 73) Carbazole | 17.510 | 167 | 724611 | 88.26 | ng | 98 |
| 75) Fluoranthene | 19.122 | 202 | 982576 | 90.27 | ng | 99 |
| 77) Benzidine | 19.310 | 184 | 207452 | 59.20 | ng | 99 |
| 78) Pyrene | 19.475 | 202 | 1018537 | 85.58 | ng | 100 |
| 80) Butylbenzylphthalate | 20.351 | 149 | 260878 | 58.66 | ng | 99 |
| 81) Benzo(a)anthracene | 21.186 | 228 | 1045730 | 82.77 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.122 | 252 | 285538 | 77.25 | ng | 98 |
| 83) Chrysene | 21.239 | 228 | 1033359 | 84.08 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.110 | 149 | 446100 | 63.84 | ng | 97 |
| 85) Di-n-octyl phthalate | 21.986 | 149 | 796101 | 63.43 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.810 | 276 | 1141971 | 83.44 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.786 | 252 | 1045661 | 89.23 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.833 | 252 | 1041565 | 92.73 | ng | 99 |
| 90) Benzo(a)pyrene | 23.375 | 252 | 951980 | 87.78 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.821 | 278 | 996177 | 83.49 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.527 | 276 | 916778 | 79.46 | ng | 97 |

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

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