Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
Data File : BM029302.D
Acq On : 01 Apr 2021 12:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
mohammad
4/2/2021 12:08:48 PM

Quant Time: Apr 01 14:17:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 14:16:29 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.704 | 152 | 99448 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.486 | 136 | 384722 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.339 | 164 | 230517 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.074 | 188 | 443218 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.250 | 240 | 418758 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.462 | 264 | 442825 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.298 | 112 | 125894 | 21.82 | ng | | 0.00 |
| 7) Phenol-d6 | 6.875 | 99 | 174860 | 21.12 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.851 | 82 | 166341 | 20.99 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.827 | 330 | 43201 | 20.24 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.957 | 172 | 329354 | 20.27 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.703 | 244 | 433360 | 20.79 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.234 | 88 | 28519 | 10.88 | ng | | 99 |
| 3) Pyridine | 3.640 | 79 | 69345 | 10.97 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.551 | 42 | 31011 | 10.93 | ng | # | 92 |
| 6) Aniline | 7.034 | 93 | 95469 | 10.64 | ng | | 99 |
| 8) 2-Chlorophenol | 7.269 | 128 | 68701 | 10.55 | ng | | 97 |
| 9) Benzaldehyde | 6.851 | 77 | 59273m | 11.40 | ng | | |
| 10) Phenol | 6.904 | 94 | 86172 | 10.54 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.134 | 93 | 66251 | 11.32 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.592 | 146 | 75483 | 10.36 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.739 | 146 | 78091 | 10.57 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.051 | 146 | 73991 | 10.43 | ng | | 99 |
| 15) Benzyl Alcohol | 7.945 | 79 | 61792 | 10.32 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.233 | 45 | 99465 | 11.08 | ng | | 99 |
| 17) 2-Methylphenol | 8.145 | 107 | 56034 | 10.66 | ng | | 96 |
| 18) Hexachloroethane | 8.775 | 117 | 30604 | 11.41 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.504 | 70 | 57985 | 10.86 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.469 | 107 | 74898 | 10.65 | ng | | 96 |
| 22) Acetophenone | 8.522 | 105 | 100810 | 10.47 | ng | | 99 |
| 24) Nitrobenzene | 8.898 | 77 | 86672 | 10.48 | ng | | 97 |
| 25) Isophorone | 9.422 | 82 | 149365 | 10.97 | ng | | 99 |
| 26) 2-Nitrophenol | 9.604 | 139 | 32698 | 11.86 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 9.669 | 122 | 53269 | 10.08 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.904 | 93 | 77780 | 10.81 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.133 | 162 | 58909 | 10.25 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.351 | 180 | 65386 | 10.02 | ng | | 99 |
| 31) Naphthalene | 10.533 | 128 | 206076 | 10.16 | ng | | 99 |
| 32) Benzoic acid | 9.751 | 122 | 32377 | 10.54 | ng | | 95 |
| 33) 4-Chloroaniline | 10.645 | 127 | 81493 | 10.17 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.822 | 225 | 39163 | 10.33 | ng | | 92 |
| 35) Caprolactam | 11.416 | 113 | 17766 | 10.18 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.769 | 107 | 62411 | 10.17 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.151 | 142 | 143389 | 10.11 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.369 | 142 | 136293 | 10.10 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.521 | 216 | 63520 | 9.83 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.504 | 237 | 36047 | 10.17 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.763 | 196 | 44714 | 10.63 | ng | | 96 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.833 | 196 | 48957 | 10.47 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.168 | 154 | 180755 | 10.31 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.210 | 162 | 137009 | 9.93 | ng | 99 |
| 48) 2-Nitroaniline | 13.416 | 65 | 43896 | 10.85 | ng | 100 |
| 49) Acenaphthylene | 14.057 | 152 | 211813 | 10.09 | ng | 99 |
| 50) Dimethylphthalate | 13.798 | 163 | 166004 | 10.31 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.910 | 165 | 36652 | 10.52 | ng | 89 |
| 52) Acenaphthene | 14.404 | 154 | 132597 | 9.94 | ng | 98 |
| 53) 3-Nitroaniline | 14.239 | 138 | 36360 | 10.31 | ng | 94 |
| 54) 2,4-Dinitrophenol | 14.445 | 184 | 14952 | 8.59 | ng | 91 |
| 55) Dibenzofuran | 14.733 | 168 | 211112 | 10.06 | ng | 98 |
| 56) 4-Nitrophenol | 14.551 | 139 | 28608 | 8.88 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.704 | 165 | 46170 | 10.08 | ng | 99 |
| 58) Fluorene | 15.386 | 166 | 168890 | 9.93 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.962 | 232 | 36254 | 9.46 | ng | 98 |
| 60) Diethylphthalate | 15.162 | 149 | 169249 | 10.67 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204 | 77211 | 9.84 | ng | 97 |
| 62) 4-Nitroaniline | 15.398 | 138 | 37089 | 9.99 | ng | 99 |
| 63) Azobenzene | 15.674 | 77 | 191347 | 10.55 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.462 | 198 | 22503 | 9.11 | ng | 92 |
| 66) n-Nitrosodiphenylamine | 15.598 | 169 | 146969 | 10.36 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.274 | 248 | 43452 | 10.69 | ng | 97 |
| 68) Hexachlorobenzene | 16.386 | 284 | 47704 | 9.98 | ng | 98 |
| 69) Atrazine | 16.551 | 200 | 47976 | 10.71 | ng | 98 |
| 70) Pentachlorophenol | 16.733 | 266 | 16197 | 5.50 | ng | 96 |
| 71) Phenanthrene | 17.121 | 178 | 257173 | 10.01 | ng | 99 |
| 72) Anthracene | 17.209 | 178 | 250048 | 10.01 | ng | 99 |
| 73) Carbazole | 17.480 | 167 | 245170 | 9.98 | ng | 98 |
| 74) Di-n-butylphthalate | 18.051 | 149 | 270345 | 11.41 | ng | 99 |
| 75) Fluoranthene | 19.133 | 202 | 282354 | 9.94 | ng | 99 |
| 77) Benzidine | 19.321 | 184 | 121458 | 10.04 | ng | 99 |
| 78) Pyrene | 19.492 | 202 | 294471 | 10.39 | ng | 100 |
| 80) Butylbenzylphthalate | 20.397 | 149 | 129920 | 13.56 | ng | 95 |
| 81) Benzo(a)anthracene | 21.233 | 228 | 277438 | 10.15 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.174 | 252 | 91593 | 11.21 | ng | 95 |
| 83) Chrysene | 21.286 | 228 | 274416 | 10.04 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.174 | 149 | 196100 | 14.24 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.044 | 149 | 340939 | 15.28 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 25.691 | 276 | 324776 | 10.03 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.797 | 252 | 294283 | 10.22 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.844 | 252 | 271630 | 9.70 | ng | 99 |
| 90) Benzo(a)pyrene | 23.368 | 252 | 264547 | 10.14 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.703 | 278 | 279408 | 10.08 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 26.373 | 276 | 274712 | 10.11 | ng | 98 |

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

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