Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
Data File : BF124048.D
Acq On : 25 May 2021 16:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
5/26/2021 4:28:58 PM

Quant Time: May 25 17:10:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 51250 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.181 | 136 | 183743 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 101225 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.427 | 188 | 179728 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.074 | 240 | 109711 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.568 | 264 | 87991 | 20.00 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 283239 | 77.60 | ng | | 0.00 |
| 7) Phenol-d6 | 6.528 | 99 | 365561 | 77.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 362761 | 85.06 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 109150 | 89.78 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 631937 | 76.82 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.016 | 244 | 630606 | 87.05 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.693 | 88 | 59566 | 37.16 | ng | | 97 |
| 3) Pyridine | 3.457 | 79 | 153369 | 37.07 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.416 | 42 | 96028 | 35.73 | ng | | 91 |
| 6) Aniline | 6.563 | 93 | 202929 | 37.75 | ng | | 96 |
| 8) 2-Chlorophenol | 6.687 | 128 | 150680 | 39.67 | ng | | 96 |
| 9) Benzaldehyde | 6.445 | 77 | 86285 | 42.11 | ng | | 95 |
| 10) Phenol | 6.539 | 94 | 193701 | 40.47 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 139757 | 37.57 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.839 | 146 | 176522 | 39.89 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 169608 | 37.46 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.069 | 146 | 173224 | 40.94 | ng | | 95 |
| 15) Benzyl Alcohol | 7.039 | 79 | 159012 | 38.88 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175 | 45 | 260310 | 34.76 | ng | | 98 |
| 17) 2-Methylphenol | 7.145 | 107 | 125127 | 40.62 | ng | | 94 |
| 18) Hexachloroethane | 7.410 | 117 | 71666 | 42.71 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 124350 | 38.86 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 155448 | 38.31 | ng | | 90 |
| 22) Acetophenone | 7.310 | 105 | 201526 | 38.62 | ng | # | 97 |
| 24) Nitrobenzene | 7.481 | 77 | 180017 | 41.28 | ng | | 97 |
| 25) Isophorone | 7.722 | 82 | 318289 | 38.80 | ng | | 97 |
| 26) 2-Nitrophenol | 7.798 | 139 | 79884 | 48.70 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 115069 | 36.64 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 161523 | 39.16 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.039 | 162 | 131309 | 41.30 | ng | | 89 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 140977 | 39.44 | ng | | 99 |
| 31) Naphthalene | 8.204 | 128 | 426448 | 39.22 | ng | | 99 |
| 32) Benzoic acid | 7.951 | 122 | 53933m | 31.29 | ng | | |
| 33) 4-Chloroaniline | 8.251 | 127 | 162193 | 39.18 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.322 | 225 | 98041 | 41.90 | ng | | 97 |
| 35) Caprolactam | 8.622 | 113 | 35183 | 40.65 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 8.728 | 107 | 138222 | 39.76 | ng | # | 86 |
| 37) 2-Methylnaphthalene | 8.898 | 142 | 290908 | 39.47 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 272959 | 39.69 | ng | | 94 |
| 40) 1,2,4,5-Tetrachloroben... | 9.063 | 216 | 140196 | 38.40 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.045 | 237 | 82554 | 35.55 | ng | | 92 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 92220 | 38.93 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 99026 | 40.24 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 338527 | 37.97 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 275382 | 38.89 | ng | | 97 |
| 48) 2-Nitroaniline | 9.475 | 65 | 105167 | 43.98 | ng | | 92 |
| 49) Acenaphthylene | 9.804 | 152 | 407727 | 38.97 | ng | | 100 |
| 50) Dimethylphthalate | 9.657 | 163 | 319003 | 39.47 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.722 | 165 | 71431 | 43.70 | ng | | 87 |
| 52) Acenaphthene | 9.975 | 154 | 285966 | 39.93 | ng | | 95 |
| 53) 3-Nitroaniline | 9.886 | 138 | 73774 | 45.41 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.998 | 184 | 33471 | 41.91 | ng | # | 81 |
| 55) Dibenzofuran | 10.145 | 168 | 408398 | 39.70 | ng | | 97 |
| 56) 4-Nitrophenol | 10.045 | 139 | 53578 | 39.87 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 10.127 | 165 | 97495 | 48.63 | ng | | 93 |
| 58) Fluorene | 10.486 | 166 | 308818 | 39.84 | ng | | 91 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232 | 76742 | 37.92 | ng | # | 97 |
| 60) Diethylphthalate | 10.357 | 149 | 314170 | 39.25 | ng | # | 95 |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204 | 152504 | 39.26 | ng | | 94 |
| 62) 4-Nitroaniline | 10.504 | 138 | 70876 | 43.87 | ng | | 91 |
| 63) Azobenzene | 10.639 | 77 | 342845 | 38.51 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198 | 52964 | 46.00 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 271124 | 39.48 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 95113 | 40.27 | ng | | 99 |
| 68) Hexachlorobenzene | 11.039 | 284 | 109468 | 41.51 | ng | | 95 |
| 69) Atrazine | 11.122 | 200 | 80796 | 41.66 | ng | | 94 |
| 70) Pentachlorophenol | 11.227 | 266 | 51776 | 33.12 | ng | | 96 |
| 71) Phenanthrene | 11.451 | 178 | 432118 | 37.94 | ng | | 99 |
| 72) Anthracene | 11.504 | 178 | 445163 | 38.57 | ng | | 99 |
| 73) Carbazole | 11.657 | 167 | 381321 | 37.76 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.986 | 149 | 467343 | 36.98 | ng | | 98 |
| 75) Fluoranthene | 12.645 | 202 | 435746 | 36.94 | ng | | 98 |
| 77) Benzidine | 12.757 | 184 | 106421 | 40.20 | ng | # | 95 |
| 78) Pyrene | 12.874 | 202 | 424586 | 43.59 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.486 | 149 | 169052 | 44.26 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.063 | 228 | 313185 | 39.47 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 14.021 | 252 | 102439 | 41.56 | ng | | 99 |
| 83) Chrysene | 14.104 | 228 | 302605 | 39.65 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 214722 | 39.84 | ng | | 95 |
| 85) Di-n-octyl phthalate | 14.662 | 149 | 303892 | 37.30 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.092 | 276 | 269168 | 39.61 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.127 | 252 | 268993 | 39.52 | ng | | 95 |
| 89) Benzo(k)fluoranthene | 15.162 | 252 | 243524 | 39.26 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.504 | 252 | 229950 | 39.08 | ng | | 95 |
| 91) Dibenzo(a,h)anthracene | 17.104 | 278 | 228411 | 39.91 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.551 | 276 | 226162 | 39.41 | ng | | 97 |

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

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