Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121150.D
Acq On : 31 Jul 2020 11:09
Operator : JU/CG
Sample : PB130555BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB130555BS

Quant Time: Jul 31 11:42:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 133380 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 501501 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.84 | 164 | 252115 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 458929 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 346125 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.42 | 264 | 348070 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 870691 | 107.02 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 1051485 | 100.05 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 671464 | 77.47 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 305822 | 110.82 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 1197584 | 70.92 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 1140699 | 71.64 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.58 | 88 | 135476 | 36.180 | ng | | 100 |
| 3) Pyridine | 3.32 | 79 | 325258 | 32.653 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.26 | 42 | 160230 | 37.618 | ng | | 98 |
| 6) Aniline | 6.46 | 93 | 417105 | 30.404 | ng | | 97 |
| 8) 2-Chlorophenol | 6.59 | 128 | 358223 | 39.967 | ng | | 100 |
| 9) Benzaldehyde | 6.35 | 77 | 244868 | 52.036 | ng | | 96 |
| 10) Phenol | 6.46 | 94 | 407601 | 35.256 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 338454 | 38.199 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 367975 | 37.861 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 374046 | 38.704 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 357558 | 39.108 | ng | | 99 |
| 15) Benzyl Alcohol | 6.95 | 79 | 274089 | 36.878 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 451738 | 35.373 | ng | | 95 |
| 17) 2-Methylphenol | 7.06 | 107 | 282760 | 35.593 | ng | | 99 |
| 18) Hexachloroethane | 7.31 | 117 | 139466 | 39.871 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 212419 | 35.544 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 322115 | 31.875 | ng | | 91 |
| 22) Acetophenone | 7.21 | 105 | 443050 | 39.364 | ng | # | 97 |
| 24) Nitrobenzene | 7.38 | 77 | 350555 | 37.527 | ng | | 97 |
| 25) Isophorone | 7.62 | 82 | 635839 | 36.759 | ng | | 97 |
| 26) 2-Nitrophenol | 7.70 | 139 | 188538 | 42.497 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.74 | 122 | 299853 | 41.628 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 407964 | 38.638 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 283529 | 38.520 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 312859 | 38.311 | ng | | 100 |
| 31) Naphthalene | 8.10 | 128 | 974140 | 37.868 | ng | | 100 |
| 32) Benzoic acid | 7.87 | 122 | 105378 | 19.489 | ng | | 99 |
| 33) 4-Chloroaniline | 8.15 | 127 | 358812 | 31.267 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 182000 | 37.806 | ng | | 99 |
| 35) Caprolactam | 8.53 | 113 | 60972 | 25.831 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 286743 | 37.984 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 654223 | 39.168 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.90 | 142 | 614760 | 38.861 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 305286 | 41.561 | ng | | 98 |

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Misc :
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**Instrument :** BNA_F
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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.95 | 237 | 300541 | 74.030 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.08 | 196 | 197923 | 38.269 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.12 | 196 | 209487 | 35.708 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 776473 | 40.375 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.29 | 162 | 598313 | 38.159 | ng | | 98 |
| 48) 2-Nitroaniline | 9.39 | 65 | 180213 | 38.032 | ng | | 94 |
| 49) Acenaphthylene | 9.70 | 152 | 956001 | 39.247 | ng | | 99 |
| 50) Dimethylphthalate | 9.56 | 163 | 698987 | 38.430 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.63 | 165 | 155401 | 39.769 | ng | | 99 |
| 52) Acenaphthene | 9.87 | 154 | 548562 | 35.422 | ng | | 99 |
| 53) 3-Nitroaniline | 9.79 | 138 | 128709 | 26.262 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.91 | 184 | 124437 | 57.432 | ng | | 93 |
| 55) Dibenzofuran | 10.05 | 168 | 831276 | 37.119 | ng | | 100 |
| 56) 4-Nitrophenol | 9.97 | 139 | 218255 | 58.626 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.03 | 165 | 199370 | 38.852 | ng | | 88 |
| 58) Fluorene | 10.39 | 166 | 631165 | 37.789 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 164738 | 36.881 | ng | | 99 |
| 60) Diethylphthalate | 10.26 | 149 | 686710 | 37.327 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204 | 313669 | 35.209 | ng | | 98 |
| 62) 4-Nitroaniline | 10.41 | 138 | 165714 | 34.712 | ng | | 96 |
| 63) Azobenzene | 10.55 | 77 | 642991 | 36.712 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 95640 | 36.968 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.50 | 169 | 584361 | 40.477 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.87 | 248 | 201930 | 39.465 | ng | | 98 |
| 68) Hexachlorobenzene | 10.94 | 284 | 225700 | 40.777 | ng | # | 92 |
| 69) Atrazine | 11.03 | 200 | 163069 | 45.608 | ng | | 98 |
| 70) Pentachlorophenol | 11.14 | 266 | 203030 | 64.030 | ng | | 99 |
| 71) Phenanthrene | 11.35 | 178 | 923117 | 39.110 | ng | | 99 |
| 72) Anthracene | 11.40 | 178 | 947048 | 39.959 | ng | | 99 |
| 73) Carbazole | 11.56 | 167 | 874429 | 37.177 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.89 | 149 | 1066017 | 39.274 | ng | | 100 |
| 75) Fluoranthene | 12.55 | 202 | 1004880 | 38.410 | ng | | 99 |
| 77) Benzidine | 12.66 | 184 | 476458 | 52.357 | ng | | 99 |
| 78) Pyrene | 12.77 | 202 | 1025447 | 41.904 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.39 | 149 | 448243 | 41.090 | ng | | 95 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 864944 | 41.267 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.92 | 252 | 276436 | 34.959 | ng | | 99 |
| 83) Chrysene | 14.00 | 228 | 841970 | 38.226 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 615972 | 45.791 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.56 | 149 | 1077530 | 40.262 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.87 | 276 | 955035 | 39.453 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 841784 | 40.010 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 823514 | 42.918 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.36 | 252 | 765665 | 39.887 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.88 | 278 | 793595 | 40.134 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.30 | 276 | 811242 | 41.609 | ng | | 99 |

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