Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119845.D
Acq On : 9 Apr 2020 1:11
Operator : MA/SJ
Sample : PB128073BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB128073BS

**Manual Integrations APPROVED**
mohammad
4/10/2020 9:57:18 AM

Quant Time: Apr 09 02:43:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.76 | 152 | 143453 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 521144 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.81 | 164 | 276618 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.30 | 188 | 621758 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.94 | 240 | 464627 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.37 | 264 | 428529 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 1070254 | 128.93 | ng | 0.01 |
| 7) Phenol-d6 | 6.40 | 99 | 1334139 | 124.73 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.33 | 82 | 816896 | 81.09 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.60 | 330 | 447764 | 132.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.13 | 172 | 1757821 | 90.22 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.89 | 244 | 2191242 | 79.36 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.54 | 88 | 144134 | 38.985 | ng | 97 |
| 3) Pyridine | 3.25 | 79 | 393126 | 38.755 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.20 | 42 | 232447 | 44.850 | ng | 98 |
| 6) Aniline | 6.43 | 93 | 432485 | 30.807 | ng | 99 |
| 8) 2-Chlorophenol | 6.55 | 128 | 443408 | 47.808 | ng | 97 |
| 9) Benzaldehyde | 6.31 | 77 | 175503 | 26.179 | ng | 97 |
| 10) Phenol | 6.42 | 94 | 538554 | 44.382 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 6.50 | 93 | 382467 | 40.821 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.70 | 146 | 443047 | 43.633 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.78 | 146 | 447273 | 43.242 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 410675 | 43.082 | ng | 97 |
| 15) Benzyl Alcohol | 6.91 | 79 | 350895m | 42.238 | ng | |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45 | 714713 | 39.201 | ng | 99 |
| 17) 2-Methylphenol | 7.03 | 107 | 322635 | 38.980 | ng | 96 |
| 18) Hexachloroethane | 7.28 | 117 | 159720 | 41.319 | ng | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70 | 295138 | 42.910 | ng | 98 |
| 20) 3+4-Methylphenols | 7.17 | 107 | 432698 | 42.744 | ng | 94 |
| 22) Acetophenone | 7.17 | 105 | 570355 | 46.737 | ng | 96 |
| 24) Nitrobenzene | 7.35 | 77 | 445205 | 43.933 | ng | 100 |
| 25) Isophorone | 7.59 | 82 | 797619 | 41.074 | ng | 100 |
| 26) 2-Nitrophenol | 7.67 | 139 | 233686 | 46.158 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.71 | 122 | 377773 | 49.475 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93 | 536795 | 46.976 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.91 | 162 | 367198 | 46.916 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.99 | 180 | 369900 | 41.710 | ng | 99 |
| 31) Naphthalene | 8.07 | 128 | 1180000 | 43.036 | ng | 99 |
| 32) Benzoic acid | 7.83 | 122 | 307591 | 45.868 | ng | 97 |
| 33) 4-Chloroaniline | 8.12 | 127 | 292136 | 24.474 | ng | 98 |
| 34) Hexachlorobutadiene | 8.19 | 225 | 215224 | 40.542 | ng | 98 |
| 35) Caprolactam | 8.49 | 113 | 108716m | 45.409 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.61 | 107 | 398826 | 47.066 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 864128 | 46.486 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.87 | 142 | 775183 | 44.243 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 380709 | 43.575 | ng | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.92 | 237 | 481502 | 96.919 ng | 97 |
| 43) 2,4,6-Trichlorophenol | 9.05 | 196 | 259841 | 43.069 ng | 100 |
| 44) 2,4,5-Trichlorophenol | 9.09 | 196 | 292929 | 43.109 ng | 97 |
| 46) 1,1'-Biphenyl | 9.23 | 154 | 1070753 | 45.860 ng | 99 |
| 47) 2-Chloronaphthalene | 9.26 | 162 | 819541 | 45.565 ng | 98 |
| 48) 2-Nitroaniline | 9.35 | 65 | 302050 | 46.341 ng | 95 |
| 49) Acenaphthylene | 9.67 | 152 | 1314860 | 48.069 ng | 99 |
| 50) Dimethylphthalate | 9.54 | 163 | 998353 | 46.661 ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.60 | 165 | 222030 | 47.388 ng | 88 |
| 52) Acenaphthene | 9.85 | 154 | 888597m | 48.699 ng | |
| 53) 3-Nitroaniline | 9.76 | 138 | 149679 | 27.971 ng | 99 |
| 54) 2,4-Dinitrophenol | 9.87 | 184 | 264524 | 94.300 ng | 92 |
| 55) Dibenzofuran | 10.02 | 168 | 1204249 | 48.095 ng | 98 |
| 56) 4-Nitrophenol | 9.93 | 139 | 389334 | 97.785 ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.00 | 165 | 301216 | 48.795 ng | 98 |
| 58) Fluorene | 10.36 | 166 | 911336 | 45.510 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.13 | 232 | 266936 | 51.363 ng | 96 |
| 60) Diethylphthalate | 10.24 | 149 | 1019171 | 45.959 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.35 | 204 | 442074 | 43.073 ng | 95 |
| 62) 4-Nitroaniline | 10.39 | 138 | 231454 | 45.386 ng | 95 |
| 63) Azobenzene | 10.52 | 77 | 946662 | 47.635 ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.41 | 198 | 167795 | 40.964 ng | 77 |
| 66) n-Nitrosodiphenylamine | 10.47 | 169 | 847401 | 40.981 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.85 | 248 | 297281 | 38.447 ng | 95 |
| 68) Hexachlorobenzene | 10.91 | 284 | 329632 | 42.023 ng | 96 |
| 69) Atrazine | 11.00 | 200 | 266889 | 46.389 ng | 98 |
| 70) Pentachlorophenol | 11.10 | 266 | 380099 | 84.087 ng | 99 |
| 71) Phenanthrene | 11.32 | 178 | 1455799 | 43.994 ng | 98 |
| 72) Anthracene | 11.37 | 178 | 1485175 | 43.935 ng | 100 |
| 73) Carbazole | 11.53 | 167 | 1316964 | 41.197 ng | 99 |
| 74) Di-n-butylphthalate | 11.86 | 149 | 1685408 | 40.105 ng | 99 |
| 75) Fluoranthene | 12.51 | 202 | 1555117 | 43.555 ng | 98 |
| 77) Benzidine | 12.63 | 184 | 628798 | 40.036 ng | 96 |
| 78) Pyrene | 12.74 | 202 | 1563686 | 39.922 ng | 99 |
| 80) Butylbenzylphthalate | 13.36 | 149 | 745564 | 39.228 ng | 99 |
| 81) Benzo(a)anthracene | 13.93 | 228 | 1258104 | 41.160 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.89 | 252 | 345727 | 30.314 ng | 96 |
| 83) Chrysene | 13.97 | 228 | 1253813 | 40.370 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149 | 1004633 | 39.033 ng | 100 |
| 85) Di-n-octyl phthalate | 14.54 | 149 | 1794261 | 40.943 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.79 | 276 | 1174234 | 42.891 ng | 99 |
| 88) Benzo(b)fluoranthene | 14.96 | 252 | 1499974 | 48.657 ng | 99 |
| 89) Benzo(k)fluoranthene | 14.99 | 252 | 1212135 | 45.572 ng | 99 |
| 90) Benzo(a)pyrene | 15.32 | 252 | 1141817 | 44.052 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.81 | 278 | 989324 | 43.090 ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.22 | 276 | 915131 | 40.380 ng | 99 |

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

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