Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110957.D
Acq On : 26 Nov 2018 11:53
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC060

**Manual Integrations APPROVED**
mohammad
11/27/2018 11:36:51 AM

Quant Time: Nov 26 12:42:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 11:30:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.94 | 152 | 66957 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 288730 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.98 | 164 | 139416 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.47 | 188 | 265125 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 189315 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.67 | 264 | 139683 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 493659 | 119.76 | ng | | 0.00 |
| 7) Phenol-d6 | 6.57 | 99 | 618248 | 117.29 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 597308 | 119.14 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 162881 | 115.95 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.30 | 172 | 1065799 | 109.18 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.06 | 244 | 1122932 | 111.08 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.75 | 88 | 117991 | 57.448 | ng | | 89 |
| 3) Pyridine | 3.54 | 79 | 261204 | 58.918 | ng | # | 84 |
| 4) n-Nitrosodimethylamine | 3.52 | 42 | 121419 | 63.830 | ng | | 88 |
| 6) Aniline | 6.61 | 93 | 390938 | 56.870 | ng | # | 56 |
| 8) 2-Chlorophenol | 6.73 | 128 | 284353 | 58.843 | ng | | 99 |
| 9) Benzaldehyde | 6.50 | 77 | 147531 | 49.324 | ng | | 99 |
| 10) Phenol | 6.59 | 94 | 361327 | 59.115 | ng | # | 68 |
| 11) bis(2-Chloroethyl)ether | 6.67 | 93 | 266364 | 58.149 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.88 | 146 | 311465 | 58.908 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.96 | 146 | 313290 | 58.350 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.11 | 146 | 296062 | 59.275 | ng | | 100 |
| 15) Benzyl Alcohol | 7.09 | 79 | 241465 | 58.536 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45 | 414634 | 57.640 | ng | | 74 |
| 17) 2-Methylphenol | 7.19 | 107 | 224181 | 58.291 | ng | # | 86 |
| 18) Hexachloroethane | 7.44 | 117 | 117530 | 59.294 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 203431 | 60.459 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.35 | 107 | 291811 | 59.108 | ng | | 95 |
| 22) Acetophenone | 7.36 | 105 | 392028 | 58.259 | ng | | 96 |
| 24) Nitrobenzene | 7.53 | 77 | 305468 | 59.467 | ng | | 93 |
| 25) Isophorone | 7.76 | 82 | 493345 | 60.037 | ng | | 98 |
| 26) 2-Nitrophenol | 7.85 | 139 | 158196 | 61.733 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.87 | 122 | 231240 | 59.251 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93 | 329384 | 59.202 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.09 | 162 | 241033 | 60.022 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.16 | 180 | 264894 | 58.506 | ng | | 95 |
| 31) Naphthalene | 8.25 | 128 | 780225 | 57.563 | ng | | 100 |
| 32) Benzoic acid | 8.05 | 122 | 176826 | 64.037 | ng | | 97 |
| 33) 4-Chloroaniline | 8.30 | 127 | 335723 | 54.682 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.35 | 225 | 150496 | 58.194 | ng | | 99 |
| 35) Caprolactam | 8.70 | 113 | 82930 | 61.812 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 8.78 | 107 | 265051 | 61.199 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.93 | 142 | 516219 | 58.097 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.03 | 142 | 500154 | 58.530 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 257108 | 58.261 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.07 | 237 | 37473 | 26.465 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.22 | 196 | 160493 | 57.874 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 9.27 | 196 | 164773 | 55.702 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.40 | 154 | 744349 | 57.233 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.43 | 162 | 544490 | 58.112 | ng | | 99 |
| 48) 2-Nitroaniline | 9.54 | 65 | 175041 | 60.624 | ng | | 94 |
| 49) Acenaphthylene | 9.85 | 152 | 767088 | 56.848 | ng | | 99 |
| 50) Dimethylphthalate | 9.70 | 163 | 591765 | 56.885 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.78 | 165 | 138421 | 60.488 | ng | | 86 |
| 52) Acenaphthene | 10.02 | 154 | 491306 | 57.614 | ng | | 98 |
| 53) 3-Nitroaniline | 9.96 | 138 | 157759 | 59.504 | ng | | 86 |
| 54) 2,4-Dinitrophenol | 10.07 | 184 | 44628 | 55.198 | ng | | 89 |
| 55) Dibenzofuran | 10.19 | 168 | 696180 | 55.801 | ng | | 97 |
| 56) 4-Nitrophenol | 10.12 | 139 | 86615 | 49.244 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.19 | 165 | 173271 | 58.234 | ng | | 94 |
| 58) Fluorene | 10.53 | 166 | 558439 | 58.274 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.31 | 232 | 129459 | 55.631 | ng | | 93 |
| 60) Diethylphthalate | 10.40 | 149 | 606942 | 58.974 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204 | 289983 | 58.443 | ng | | 96 |
| 62) 4-Nitroaniline | 10.58 | 138 | 146605 | 54.913 | ng | | 97 |
| 63) Azobenzene | 10.68 | 77 | 593754 | 59.133 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 81510 | 61.002 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 10.65 | 169 | 514935 | 57.622 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 11.01 | 248 | 169471 | 57.837 | ng | # | 89 |
| 68) Hexachlorobenzene | 11.09 | 284 | 180386 | 58.391 | ng | # | 89 |
| 69) Atrazine | 11.16 | 200 | 108324 | 39.644 | ng | | 98 |
| 70) Pentachlorophenol | 11.29 | 266 | 74936 | 45.459 | ng | | 97 |
| 71) Phenanthrene | 11.50 | 178 | 810966 | 57.094 | ng | | 100 |
| 72) Anthracene | 11.56 | 178 | 816374 | 56.976 | ng | | 99 |
| 73) Carbazole | 11.72 | 167 | 797714 | 57.971 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.02 | 149 | 935357 | 57.965 | ng | | 99 |
| 75) Fluoranthene | 12.70 | 202 | 831617 | 58.398 | ng | | 99 |
| 77) Benzidine | 12.82 | 184 | 195261 | 37.505 | ng | | 98 |
| 78) Pyrene | 12.93 | 202 | 833542 | 57.183 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.52 | 149 | 386114 | 61.542 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.13 | 228 | 670892 | 59.289 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.08 | 252 | 207190 | 54.658 | ng | | 98 |
| 83) Chrysene | 14.16 | 228 | 644980 | 59.829 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149 | 509686 | 65.486 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.69 | 149 | 782273 | 68.349 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 475498 | 61.466 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.21 | 252 | 484795 | 58.015 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.24 | 252 | 506708m | 61.367 | ng | | |
| 90) Benzo(a)pyrene | 15.60 | 252 | 457893 | 60.310 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.26 | 278 | 398612 | 62.041 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.74 | 276 | 392601 | 61.587 | ng | | 98 |

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

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