Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118276.D
Acq On : 19 Dec 2019 13:42
Operator : JU
Sample : PB125579BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125579BS

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Sohil
12/20/2019 4:26:15 PM

Quant Time: Dec 20 02:50:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 114734 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.15 | 136 | 468690 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.91 | 164 | 252749 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.40 | 188 | 467932 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.06 | 240 | 311745 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.54 | 264 | 243167 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 808680 | 123.45 | ng | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 990491 | 125.01 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 638905 | 76.69 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 350513 | 114.16 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 1351359 | 81.36 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.99 | 244 | 1552288 | 85.63 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.71 | 88 | 113274 | 41.010 | ng | 97 |
| 3) Pyridine | 3.46 | 79 | 267580 | 37.548 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.42 | 42 | 135223 | 44.109 | ng | 99 |
| 6) Aniline | 6.52 | 93 | 350898 | 34.621 | ng | 96 |
| 8) 2-Chlorophenol | 6.65 | 128 | 342607 | 46.383 | ng | 98 |
| 9) Benzaldehyde | 6.41 | 77 | 210275 | 58.233 | ng | 97 |
| 10) Phenol | 6.51 | 94 | 404459 | 44.761 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.60 | 93 | 293552 | 44.918 | ng | 94 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 374439 | 43.394 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 381222 | 43.875 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 358932 | 43.989 | ng | 98 |
| 15) Benzyl Alcohol | 7.00 | 79 | 281666 | 45.540 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 332730 | 42.344 | ng | 94 |
| 17) 2-Methylphenol | 7.12 | 107 | 271399 | 46.196 | ng | 98 |
| 18) Hexachloroethane | 7.37 | 117 | 138365 | 43.217 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 220905 | 45.882 | ng | 98 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 344201 | 46.644 | ng | 94 |
| 22) Acetophenone | 7.27 | 105 | 459006 | 40.764 | ng | 100 |
| 24) Nitrobenzene | 7.45 | 77 | 335863 | 41.033 | ng | 99 |
| 25) Isophorone | 7.69 | 82 | 607991 | 43.050 | ng | 100 |
| 26) 2-Nitrophenol | 7.76 | 139 | 191049 | 43.669 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 295801 | 50.689 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 377544 | 40.911 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 291473 | 42.844 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 325139 | 40.896 | ng | 99 |
| 31) Naphthalene | 8.17 | 128 | 1016526 | 43.185 | ng | 99 |
| 32) Benzoic acid | 7.94 | 122 | 199773 | 37.915 | ng | 99 |
| 33) 4-Chloroaniline | 8.22 | 127 | 223299 | 21.970 | ng | 99 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 186953 | 39.215 | ng | 99 |
| 35) Caprolactam | 8.59 | 113 | 89530m | 42.675 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.71 | 107 | 307439 | 42.943 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 697539 | 43.772 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.96 | 142 | 647721 | 43.289 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 306603 | 40.044 | ng | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.02 | 237 | 297626 | 86.757 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.15 | 196 | 208188 | 40.724 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.19 | 196 | 224167 | 42.324 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.33 | 154 | 823938 | 41.333 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.36 | 162 | 643293 | 40.118 | ng | | 98 |
| 48) 2-Nitroaniline | 9.45 | 65 | 175713 | 38.426 | ng | | 95 |
| 49) Acenaphthylene | 9.77 | 152 | 1022915 | 43.251 | ng | | 100 |
| 50) Dimethylphthalate | 9.63 | 163 | 762946 | 40.867 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.70 | 165 | 171493 | 42.245 | ng | | 94 |
| 52) Acenaphthene | 9.95 | 154 | 588447 | 40.764 | ng | | 99 |
| 53) 3-Nitroaniline | 9.87 | 138 | 117765 | 24.650 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.98 | 184 | 156967 | 77.720 | ng | | 96 |
| 55) Dibenzofuran | 10.12 | 168 | 899275 | 42.515 | ng | | 100 |
| 56) 4-Nitrophenol | 10.04 | 139 | 251374 | 75.819 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.10 | 165 | 227024 | 41.899 | ng | | 97 |
| 58) Fluorene | 10.46 | 166 | 705885 | 41.993 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.24 | 232 | 186682 | 42.722 | ng | | 99 |
| 60) Diethylphthalate | 10.33 | 149 | 765832 | 41.635 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204 | 351620 | 41.574 | ng | | 98 |
| 62) 4-Nitroaniline | 10.49 | 138 | 175652 | 35.253 | ng | | 99 |
| 63) Azobenzene | 10.62 | 77 | 661890 | 42.153 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 114393 | 44.267 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.57 | 169 | 625367 | 42.796 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.95 | 248 | 218188 | 40.847 | ng | | 98 |
| 68) Hexachlorobenzene | 11.02 | 284 | 253230 | 40.278 | ng | # | 93 |
| 69) Atrazine | 11.10 | 200 | 214019 | 65.182 | ng | | 97 |
| 70) Pentachlorophenol | 11.21 | 266 | 244331 | 82.638 | ng | | 97 |
| 71) Phenanthrene | 11.43 | 178 | 1041771 | 41.881 | ng | | 100 |
| 72) Anthracene | 11.48 | 178 | 1093891 | 44.083 | ng | | 99 |
| 73) Carbazole | 11.64 | 167 | 915984 | 41.142 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.96 | 149 | 1202011 | 43.139 | ng | | 99 |
| 75) Fluoranthene | 12.62 | 202 | 1055013 | 41.484 | ng | | 97 |
| 77) Benzidine | 12.75 | 184 | 389342 | 47.442 | ng | | 98 |
| 78) Pyrene | 12.85 | 202 | 1070219 | 43.563 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.46 | 149 | 475807 | 42.766 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.04 | 228 | 879216 | 40.787 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.00 | 252 | 243951 | 34.459 | ng | | 99 |
| 83) Chrysene | 14.09 | 228 | 852503 | 41.402 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149 | 647116 | 44.109 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.64 | 149 | 976543 | 43.942 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.06 | 276 | 678761 | 39.177 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.11 | 252 | 706646 | 43.939 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.14 | 252 | 720588m | 46.641 | ng | | |
| 90) Benzo(a)pyrene | 15.49 | 252 | 625516 | 44.039 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.07 | 278 | 575587 | 47.246 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.51 | 276 | 572346 | 48.890 | ng | | 99 |

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

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