Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117795.D
Acq On : 15 Nov 2019 9:27
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 15 16:33:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.93 | 152 | 307682 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 1196286 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.97 | 164 | 652092 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.47 | 188 | 1220293 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.12 | 240 | 801703 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.62 | 264 | 702456 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 1316806 | 75.76 | ng | 0.00 |
| 7) Phenol-d6 | 6.55 | 99 | 1624607 | 77.49 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.49 | 82 | 1587821 | 78.90 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.77 | 330 | 543337 | 78.70 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.29 | 172 | 2969163 | 81.69 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.06 | 244 | 3292307 | 75.05 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.72 | 88 | 322282 | 39.665 | ng | 99 |
| 3) Pyridine | 3.49 | 79 | 846752 | 39.729 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.44 | 42 | 363421 | 39.062 | ng | 97 |
| 6) Aniline | 6.59 | 93 | 1117575 | 40.338 | ng | 99 |
| 8) 2-Chlorophenol | 6.71 | 128 | 750870 | 39.810 | ng | 99 |
| 9) Benzaldehyde | 6.47 | 77 | 527353 | 38.454 | ng | 97 |
| 10) Phenol | 6.56 | 94 | 862802 | 39.603 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.66 | 93 | 706559 | 40.386 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.87 | 146 | 880695 | 39.661 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.95 | 146 | 883634 | 39.369 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.10 | 146 | 835214 | 38.908 | ng | 99 |
| 15) Benzyl Alcohol | 7.06 | 79 | 659307 | 40.732 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45 | 1112534 | 41.303 | ng | 99 |
| 17) 2-Methylphenol | 7.17 | 107 | 639369 | 40.029 | ng | 99 |
| 18) Hexachloroethane | 7.45 | 117 | 331935 | 40.257 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70 | 530201 | 40.992 | ng | 99 |
| 20) 3+4-Methylphenols | 7.32 | 107 | 781281 | 39.404 | ng | 99 |
| 22) Acetophenone | 7.33 | 105 | 1057678 | 39.353 | ng | 99 |
| 24) Nitrobenzene | 7.51 | 77 | 820283 | 39.512 | ng | 99 |
| 25) Isophorone | 7.75 | 82 | 1475838 | 40.013 | ng | 98 |
| 26) 2-Nitrophenol | 7.83 | 139 | 409738 | 40.549 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.86 | 122 | 622488 | 39.645 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93 | 942106 | 40.251 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.06 | 162 | 670876 | 39.390 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.15 | 180 | 776798 | 39.320 | ng | 100 |
| 31) Naphthalene | 8.23 | 128 | 2194659 | 39.352 | ng | 99 |
| 32) Benzoic acid | 7.97 | 122 | 518401 | 39.431 | ng | 97 |
| 33) 4-Chloroaniline | 8.28 | 127 | 994920 | 39.849 | ng | 99 |
| 34) Hexachlorobutadiene | 8.35 | 225 | 461560 | 39.960 | ng | 99 |
| 35) Caprolactam | 8.66 | 113 | 215236 | 39.763 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 8.76 | 107 | 694536 | 40.182 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.93 | 142 | 1510007 | 40.073 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.03 | 142 | 1435762 | 40.303 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 734899 | 38.807 | ng | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.09 | 237 | 404432 | 38.109 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.20 | 196 | 524740 | 38.686 | ng | 98 |
| 44) 2,4,5-Trichlorophenol | 9.24 | 196 | 546055 | 38.773 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.40 | 154 | 1880677 | 38.874 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.42 | 162 | 1535250 | 38.575 | ng | 99 |
| 48) 2-Nitroaniline | 9.51 | 65 | 479380 | 39.897 | ng | 99 |
| 49) Acenaphthylene | 9.84 | 152 | 2223985 | 38.328 | ng | 99 |
| 50) Dimethylphthalate | 9.70 | 163 | 1804473 | 39.461 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 9.76 | 165 | 404398 | 40.464 | ng | 88 |
| 52) Acenaphthene | 10.01 | 154 | 1457789 | 39.219 | ng | 98 |
| 53) 3-Nitroaniline | 9.93 | 138 | 481038 | 40.226 | ng | 92 |
| 54) 2,4-Dinitrophenol | 10.03 | 184 | 181764 | 39.425 | ng | 94 |
| 55) Dibenzofuran | 10.18 | 168 | 2012330 | 39.095 | ng | 99 |
| 56) 4-Nitrophenol | 10.07 | 139 | 349472 | 39.151 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 10.16 | 165 | 528378 | 41.563 | ng | 97 |
| 58) Fluorene | 10.53 | 166 | 1508059 | 37.808 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.30 | 232 | 457506 | 39.537 | ng | 99 |
| 60) Diethylphthalate | 10.40 | 149 | 1805553 | 40.500 | ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204 | 807325 | 39.883 | ng | 98 |
| 62) 4-Nitroaniline | 10.54 | 138 | 472056 | 39.425 | ng | 100 |
| 63) Azobenzene | 10.68 | 77 | 1601106 | 39.476 | ng | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.57 | 198 | 235986 | 41.425 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 10.63 | 169 | 1410482 | 39.716 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.01 | 248 | 526192 | 39.964 | ng | 96 |
| 68) Hexachlorobenzene | 11.07 | 284 | 622699 | 40.558 | ng | 100 |
| 69) Atrazine | 11.16 | 200 | 463128 | 39.643 | ng | 99 |
| 70) Pentachlorophenol | 11.27 | 266 | 364149 | 40.597 | ng | 99 |
| 71) Phenanthrene | 11.49 | 178 | 2344020 | 38.206 | ng | 99 |
| 72) Anthracene | 11.55 | 178 | 2328230 | 38.275 | ng | 99 |
| 73) Carbazole | 11.70 | 167 | 2060195 | 38.757 | ng | 99 |
| 74) Di-n-butylphthalate | 12.03 | 149 | 2651671 | 40.065 | ng | 99 |
| 75) Fluoranthene | 12.69 | 202 | 2347911 | 41.428 | ng | 98 |
| 77) Benzidine | 12.80 | 184 | 1032820 | 39.330 | ng | 100 |
| 78) Pyrene | 12.92 | 202 | 2371312 | 36.600 | ng | 99 |
| 80) Butylbenzylphthalate | 13.53 | 149 | 1128737 | 40.562 | ng | 99 |
| 81) Benzo(a)anthracene | 14.10 | 228 | 2023310 | 38.192 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.07 | 252 | 749244 | 40.431 | ng | 97 |
| 83) Chrysene | 14.14 | 228 | 1956904 | 38.120 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149 | 1497866 | 44.399 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.71 | 149 | 2300382 | 46.414 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.16 | 276 | 1530428 | 35.028 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.18 | 252 | 1785136 | 39.114 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.21 | 252 | 1689131 | 39.280 | ng | 99 |
| 90) Benzo(a)pyrene | 15.56 | 252 | 1536806 | 38.294 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.18 | 278 | 1248767 | 36.152 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 17.62 | 276 | 1206984 | 35.081 | ng | 99 |

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

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