Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
Data File : BF122312.D
Acq On : 12 Nov 2020 13:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
11/20/2020 11:27:50 AM

Quant Time: Nov 12 13:40:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 292305 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 1066314 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 556335 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 992306 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 846901 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 744600 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 1500476 | 78.82 | ng | | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 1937383 | 77.80 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 1543285 | 88.60 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 495272 | 82.95 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 2670973 | 75.01 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 3048479 | 76.26 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.652 | 88 | 339507 | 38.89 | ng | | 93 |
| 3) Pyridine | 3.387 | 79 | 934508 | 38.92 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.346 | 42 | 439933 | 38.87 | ng | | 99 |
| 6) Aniline | 6.528 | 93 | 1266049 | 38.75 | ng | | 98 |
| 8) 2-Chlorophenol | 6.651 | 128 | 786575 | 39.84 | ng | | 92 |
| 9) Benzaldehyde | 6.416 | 77 | 508914 | 38.00 | ng | | 96 |
| 10) Phenol | 6.504 | 94 | 967764m | 39.46 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 759548 | 38.97 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 883141 | 39.40 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 879933 | 39.08 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 833799 | 39.68 | ng | | 99 |
| 15) Benzyl Alcohol | 7.004 | 79 | 693673 | 39.18 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 1091284 | 38.41 | ng | | 98 |
| 17) 2-Methylphenol | 7.110 | 107 | 645923 | 39.20 | ng | | 99 |
| 18) Hexachloroethane | 7.387 | 117 | 314935 | 40.17 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 569005 | 38.23 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 798425 | 39.38 | ng | # | 74 |
| 22) Acetophenone | 7.281 | 105 | 1065254 | 38.35 | ng | # | 84 |
| 24) Nitrobenzene | 7.451 | 77 | 837709 | 42.04 | ng | | 96 |
| 25) Isophorone | 7.692 | 82 | 1478391 | 38.07 | ng | | 97 |
| 26) 2-Nitrophenol | 7.769 | 139 | 335411 | 40.08 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 740702 | 40.44 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 921223 | 38.79 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 659463 | 40.67 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 709627 | 39.65 | ng | | 96 |
| 31) Naphthalene | 8.175 | 128 | 2196981 | 38.75 | ng | | 98 |
| 32) Benzoic acid | 7.910 | 122 | 371940m | 38.56 | ng | | |
| 33) 4-Chloroaniline | 8.222 | 127 | 973180 | 39.42 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 408931 | 39.75 | ng | | 99 |
| 35) Caprolactam | 8.586 | 113 | 204423 | 39.77 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.698 | 107 | 671489 | 39.70 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 1451063 | 38.74 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 1360295 | 38.80 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 678583 | 39.58 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 419369 | 41.84 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 453856 | 40.76 | ng | | 99 |

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Acq On : 12 Nov 2020 13:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 12 13:40:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 473479 | 40.57 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 1714031 | 38.71 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 1373277 | 39.07 | ng | | 97 |
| 48) 2-Nitroaniline | 9.445 | 65 | 411213 | 40.21 | ng | | 96 |
| 49) Acenaphthylene | 9.769 | 152 | 2116133 | 39.17 | ng | | 98 |
| 50) Dimethylphthalate | 9.633 | 163 | 1536859 | 38.86 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 350315 | 40.46 | ng | | 97 |
| 52) Acenaphthene | 9.945 | 154 | 1310128 | 39.18 | ng | | 99 |
| 53) 3-Nitroaniline | 9.857 | 138 | 391104 | 39.68 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 116477 | 45.74 | ng | # | 83 |
| 55) Dibenzofuran | 10.116 | 168 | 1904495 | 38.88 | ng | | 99 |
| 56) 4-Nitrophenol | 10.004 | 139 | 314573 | 39.41 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 452704 | 41.53 | ng | # | 85 |
| 58) Fluorene | 10.457 | 166 | 1426074 | 38.02 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232 | 402711 | 41.49 | ng | | 99 |
| 60) Diethylphthalate | 10.333 | 149 | 1510327 | 38.93 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 687785 | 38.84 | ng | | 98 |
| 62) 4-Nitroaniline | 10.469 | 138 | 380005 | 39.40 | ng | | 92 |
| 63) Azobenzene | 10.610 | 77 | 1551658 | 38.13 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198 | 183087 | 44.75 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 1322136 | 39.11 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 464659 | 39.85 | ng | | 99 |
| 68) Hexachlorobenzene | 11.004 | 284 | 500461 | 39.72 | ng | | 98 |
| 69) Atrazine | 11.092 | 200 | 333081 | 39.56 | ng | | 97 |
| 70) Pentachlorophenol | 11.192 | 266 | 300174 | 41.36 | ng | | 96 |
| 71) Phenanthrene | 11.416 | 178 | 2177320 | 38.67 | ng | | 97 |
| 72) Anthracene | 11.469 | 178 | 2227167 | 38.38 | ng | | 98 |
| 73) Carbazole | 11.622 | 167 | 2005946 | 38.00 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 2183663 | 38.80 | ng | | 99 |
| 75) Fluoranthene | 12.604 | 202 | 2257151 | 38.40 | ng | | 98 |
| 77) Benzidine | 12.722 | 184 | 883912 | 37.63 | ng | | 98 |
| 78) Pyrene | 12.833 | 202 | 2337802 | 39.29 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 902454 | 38.52 | ng | | 93 |
| 81) Benzo(a)anthracene | 14.021 | 228 | 2063008 | 39.17 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.986 | 252 | 776875 | 39.58 | ng | | 98 |
| 83) Chrysene | 14.063 | 228 | 2070006 | 39.02 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 1149498 | 40.07 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 1956632 | 40.24 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.968 | 276 | 1676022 | 37.51 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.074 | 252 | 1947250 | 40.38 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.104 | 252 | 1920372 | 40.84 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.439 | 252 | 1692418 | 40.26 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 1398611 | 37.37 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.409 | 276 | 1359594 | 37.36 | ng | | 98 |

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

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