Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125786.D
Acq On : 8 Oct 2021 17:01
Operator : JU/CG
Sample : M4087-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-20211005-ROCKMS

**Manual Integrations APPROVED**
mohammad
10/11/2021 2:11:14 PM

Quant Time: Oct 08 19:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.845 | 152 | 216041 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.128 | 136 | 874695 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 9.880 | 164 | 443490 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.363 | 188 | 676695 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.992 | 240 | 375808 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.445 | 264 | 481292 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 1473394 | 111.41 | ng | | 0.02 |
| 7) Phenol-d6 | 6.475 | 99 | 1720540 | 101.06 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.404 | 82 | 1135606 | 80.70 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.669 | 330 | 489035 | 111.69 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.204 | 172 | 2186595 | 85.04 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.945 | 244 | 1763256 | 71.47 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.804 | 88 | 251538 | 44.67 | ng | # | 100 |
| 3) Pyridine | 3.493 | 79 | 486563 | 33.40 | ng | # | 70 |
| 4) n-Nitrosodimethylamine | 3.434 | 42 | 259660 | 49.52 | ng | # | 1 |
| 6) Aniline | 6.510 | 93 | 517978 | 26.43 | ng | | 94 |
| 8) 2-Chlorophenol | 6.634 | 128 | 721073 | 49.78 | ng | | 98 |
| 9) Benzaldehyde | 6.392 | 77 | 176601 | 19.11 | ng | | 95 |
| 10) Phenol | 6.487 | 94 | 781789 | 47.22 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.581 | 93 | 674014 | 50.25 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.787 | 146 | 743687 | 47.06 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.863 | 146 | 752286 | 46.68 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.016 | 146 | 724156 | 47.98 | ng | | 100 |
| 15) Benzyl Alcohol | 6.987 | 79 | 554115 | 49.11 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45 | 850152 | 49.56 | ng | | 88 |
| 17) 2-Methylphenol | 7.092 | 107 | 554439 | 48.08 | ng | | 98 |
| 18) Hexachloroethane | 7.357 | 117 | 267081 | 48.13 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 441149 | 49.09 | ng | # | 67 |
| 20) 3+4-Methylphenols | 7.245 | 107 | 653084 | 45.92 | ng | | 92 |
| 22) Acetophenone | 7.257 | 105 | 906320 | 47.13 | ng | # | 89 |
| 24) Nitrobenzene | 7.428 | 77 | 680288 | 49.88 | ng | | 97 |
| 25) Isophorone | 7.663 | 82 | 1230916 | 49.38 | ng | | 93 |
| 26) 2-Nitrophenol | 7.739 | 139 | 368399 | 53.42 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.775 | 122 | 629527 | 54.82 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.875 | 93 | 825341 | 47.70 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.981 | 162 | 596648 | 48.23 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.069 | 180 | 632146 | 46.60 | ng | | 96 |
| 31) Naphthalene | 8.145 | 128 | 2004349 | 47.39 | ng | | 99 |
| 32) Benzoic acid | 7.881 | 122 | 296763 | 36.75 | ng | | 99 |
| 33) 4-Chloroaniline | 8.186 | 127 | 130628 | 7.38 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.269 | 225 | 347209 | 45.82 | ng | | 98 |
| 35) Caprolactam | 8.557 | 113 | 153159m | 42.85 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.675 | 107 | 579622 | 47.96 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.839 | 142 | 1368976 | 49.98 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.939 | 142 | 1273605 | 47.92 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.004 | 216 | 551553 | 46.34 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.992 | 237 | 643948 | 110.23 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.110 | 196 | 415042 | 48.11 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125786.D
Acq On : 8 Oct 2021 17:01
Operator : JU/CG
Sample : M4087-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-20211005-ROCKMS

**Manual Integrations APPROVED**
mohammad
10/11/2021 2:11:14 PM

Quant Time: Oct 08 19:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.151 | 196 | 444584 | 48.47 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.304 | 154 | 1538368 | 47.18 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.328 | 162 | 1276087 | 48.20 | ng | | 98 |
| 48) 2-Nitroaniline | 9.416 | 65 | 324563 | 51.07 | ng | | 95 |
| 49) Acenaphthylene | 9.739 | 152 | 1914513 | 49.38 | ng | | 98 |
| 50) Dimethylphthalate | 9.604 | 163 | 1420733 | 48.66 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.663 | 165 | 319047 | 54.07 | ng | # | 83 |
| 52) Acenaphthene | 9.916 | 154 | 1258669 | 51.96 | ng | | 96 |
| 53) 3-Nitroaniline | 9.828 | 138 | 214542 | 30.75 | ng | # | 98 |
| 54) 2,4-Dinitrophenol | 9.933 | 184 | 257059 | 102.62 | ng | # | 74 |
| 55) Dibenzofuran | 10.086 | 168 | 1701406 | 46.89 | ng | | 95 |
| 56) 4-Nitrophenol | 9.986 | 139 | 462386 | 88.90 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 10.063 | 165 | 401740 | 53.84 | ng | # | 85 |
| 58) Fluorene | 10.428 | 166 | 1240098 | 46.66 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232 | 323363 | 46.70 | ng | # | 90 |
| 60) Diethylphthalate | 10.304 | 149 | 1345720 | 48.31 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204 | 587247 | 45.88 | ng | | 92 |
| 62) 4-Nitroaniline | 10.439 | 138 | 295555 | 45.84 | ng | # | 75 |
| 63) Azobenzene | 10.580 | 77 | 1228576 | 46.92 | ng | | 82 |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198 | 170804 | 50.60 | ng | # | 75 |
| 66) n-Nitrosodiphenylamine | 10.539 | 169 | 1134193 | 49.13 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248 | 368063 | 49.11 | ng | | 94 |
| 68) Hexachlorobenzene | 10.975 | 284 | 420036 | 49.46 | ng | # | 86 |
| 69) Atrazine | 11.063 | 200 | 322770 | 48.17 | ng | | 94 |
| 70) Pentachlorophenol | 11.163 | 266 | 418864 | 92.26 | ng | | 96 |
| 71) Phenanthrene | 11.386 | 178 | 1748960 | 48.31 | ng | | 97 |
| 72) Anthracene | 11.439 | 178 | 1790241 | 49.51 | ng | | 98 |
| 73) Carbazole | 11.586 | 167 | 1530355 | 45.47 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.922 | 149 | 1855879 | 49.95 | ng | | 99 |
| 75) Fluoranthene | 12.569 | 202 | 1582426 | 48.44 | ng | | 96 |
| 77) Benzidine | 12.686 | 184 | 234218 | 17.03 | ng | | 97 |
| 78) Pyrene | 12.798 | 202 | 1569127 | 41.10 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.416 | 149 | 624068 | 50.99 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.986 | 228 | 1188624 | 48.75 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.945 | 252 | 334975 | 43.48 | ng | | 99 |
| 83) Chrysene | 14.021 | 228 | 1234063 | 51.21 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149 | 803738 | 60.36 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.586 | 149 | 1494672 | 67.37 | ng | # | 89 |
| 87) Indeno(1,2,3-cd)pyrene | 16.904 | 276 | 1660412 | 45.20 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 1470270 | 54.11 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 1435249m | 51.45 | ng | | |
| 90) Benzo(a)pyrene | 15.386 | 252 | 1483627 | 61.66 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.921 | 278 | 1389489 | 45.86 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.345 | 276 | 1381331 | 44.64 | ng | | 93 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125786.D
Acq On : 8 Oct 2021 17:01
Operator : JU/CG
Sample : M4087-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 08 19:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
WC-20211005-ROCKMS

**Manual Integrations APPROVED**
mohammad
10/11/2021 2:11:14 PM