Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121996.D
Acq On : 15 Oct 2020 17:47
Operator : JU/CG
Sample : L4393-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SP-COMPMS

**Manual Integrations APPROVED**
mohammad
10/16/2020 12:47:54 PM

Quant Time: Oct 16 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.739 | 152 | 106860 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.028 | 136 | 420868 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.780 | 164 | 214358 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.263 | 188 | 374138 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.904 | 240 | 227196 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.339 | 264 | 240195 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.369 | 112 | 651380 | 89.97 | ng | | 0.00 |
| 7) Phenol-d6 | 6.392 | 99 | 822287 | 88.23 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.316 | 82 | 568198 | 69.24 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.575 | 330 | 230986 | 87.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.104 | 172 | 962429 | 66.06 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.845 | 244 | 781165 | 65.53 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.487 | 88 | 120864 | 37.96 | ng | | 98 |
| 3) Pyridine | 3.210 | 79 | 354173 | 42.30 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.169 | 42 | 171991 | 42.50 | ng | | 99 |
| 6) Aniline | 6.410 | 93 | 228074 | 19.87 | ng | # | 18 |
| 8) 2-Chlorophenol | 6.534 | 128 | 319816 | 43.70 | ng | | 97 |
| 9) Benzaldehyde | 6.292 | 77 | 166682 | 29.72 | ng | | 97 |
| 10) Phenol | 6.404 | 94 | 407431 | 42.36 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.481 | 93 | 318040 | 42.77 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.681 | 146 | 346383 | 42.08 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.763 | 146 | 345691 | 41.83 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.910 | 146 | 330618 | 43.76 | ng | | 97 |
| 15) Benzyl Alcohol | 6.898 | 79 | 274816 | 45.59 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.022 | 45 | 478541 | 41.82 | ng | | 70 |
| 17) 2-Methylphenol | 7.016 | 107 | 260936 | 41.70 | ng | # | 90 |
| 18) Hexachloroethane | 7.251 | 117 | 127395 | 42.68 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.163 | 70 | 229218 | 43.19 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.169 | 107 | 334613 | 44.35 | ng | # | 69 |
| 22) Acetophenone | 7.157 | 105 | 436915 | 40.35 | ng | # | 91 |
| 24) Nitrobenzene | 7.334 | 77 | 351141 | 40.03 | ng | | 97 |
| 25) Isophorone | 7.569 | 82 | 618815 | 39.88 | ng | | 99 |
| 26) 2-Nitrophenol | 7.645 | 139 | 167989 | 41.59 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.692 | 122 | 281349 | 40.86 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.781 | 93 | 392474 | 40.43 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.898 | 162 | 265692 | 41.20 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.969 | 180 | 273245 | 39.85 | ng | | 99 |
| 31) Naphthalene | 8.051 | 128 | 906203 | 40.19 | ng | | 100 |
| 32) Benzoic acid | 7.816 | 122 | 31219 | 14.35 | ng | | 97 |
| 33) 4-Chloroaniline | 8.104 | 127 | 131930 | 13.74 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.163 | 225 | 165895 | 40.80 | ng | | 99 |
| 35) Caprolactam | 8.486 | 113 | 77898m | 38.04 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.598 | 107 | 288760 | 41.69 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.739 | 142 | 590511 | 40.44 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.839 | 142 | 542228 | 40.10 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.910 | 216 | 279756 | 40.44 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.886 | 237 | 96014 | 54.98 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.028 | 196 | 176100 | 41.25 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121996.D
Acq On : 15 Oct 2020 17:47
Operator : JU/CG
Sample : L4393-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SP-COMPMS

**Manual Integrations APPROVED**
mohammad
10/16/2020 12:47:54 PM

Quant Time: Oct 16 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.075 | 196 | 183149 | 39.73 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.204 | 154 | 703708 | 40.37 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.228 | 162 | 550536 | 40.62 | ng | | 99 |
| 48) 2-Nitroaniline | 9.333 | 65 | 191719 | 42.88 | ng | | 99 |
| 49) Acenaphthylene | 9.645 | 152 | 847000 | 40.69 | ng | | 100 |
| 50) Dimethylphthalate | 9.504 | 163 | 756435 | 48.26 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.575 | 165 | 145231 | 42.24 | ng | | 97 |
| 52) Acenaphthene | 9.816 | 154 | 500708 | 40.44 | ng | | 99 |
| 53) 3-Nitroaniline | 9.745 | 138 | 88784 | 22.70 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.869 | 184 | 41277 | 29.66 | ng | | 93 |
| 55) Dibenzofuran | 9.986 | 168 | 720038 | 39.76 | ng | | 99 |
| 56) 4-Nitrophenol | 9.928 | 139 | 143369 | 67.40 | ng | # | 81 |
| 57) 2,4-Dinitrotoluene | 9.986 | 165 | 176869 | 41.79 | ng | # | 88 |
| 58) Fluorene | 10.327 | 166 | 596656 | 40.89 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232 | 148929 | 41.76 | ng | | 96 |
| 60) Diethylphthalate | 10.204 | 149 | 626513 | 41.45 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.316 | 204 | 285307 | 40.78 | ng | | 94 |
| 62) 4-Nitroaniline | 10.363 | 138 | 144472 | 36.98 | ng | | 98 |
| 63) Azobenzene | 10.480 | 77 | 656452 | 41.07 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.398 | 198 | 61740 | 26.79 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.439 | 169 | 552947 | 42.90 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248 | 185350 | 42.88 | ng | | 96 |
| 68) Hexachlorobenzene | 10.880 | 284 | 208436 | 42.60 | ng | # | 91 |
| 69) Atrazine | 10.969 | 200 | 145864 | 46.29 | ng | | 99 |
| 70) Pentachlorophenol | 11.080 | 266 | 105461 | 57.32 | ng | | 98 |
| 71) Phenanthrene | 11.292 | 178 | 851318 | 41.50 | ng | | 100 |
| 72) Anthracene | 11.339 | 178 | 875160 | 41.13 | ng | | 99 |
| 73) Carbazole | 11.504 | 167 | 757861 | 40.06 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.822 | 149 | 928313 | 42.65 | ng | | 100 |
| 75) Fluoranthene | 12.480 | 202 | 804349 | 36.57 | ng | | 97 |
| 77) Benzidine | 12.604 | 184 | 291874 | 41.67 | ng | | 99 |
| 78) Pyrene | 12.704 | 202 | 789532 | 45.60 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.321 | 149 | 309165 | 45.03 | ng | | 94 |
| 81) Benzo(a)anthracene | 13.898 | 228 | 624505 | 41.95 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.857 | 252 | 139144 | 25.20 | ng | | 99 |
| 83) Chrysene | 13.933 | 228 | 603579 | 41.30 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.874 | 149 | 392844 | 42.14 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.486 | 149 | 613610 | 40.69 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.762 | 276 | 787960 | 50.53 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.927 | 252 | 688662 | 42.42 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.957 | 252 | 586130 | 38.00 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.280 | 252 | 594150 | 42.37 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.768 | 278 | 638934 | 49.76 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.186 | 276 | 663076 | 51.60 | ng | | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121996.D
Acq On : 15 Oct 2020 17:47
Operator : JU/CG
Sample : L4393-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 16 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SP-COMPMS

**Manual Integrations APPROVED**
mohammad
10/16/2020 12:47:54 PM