Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125057.D
Acq On : 11 Aug 2021 15:23
Operator : JU/CG
Sample : M3279-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SPLP-AMENDED-COM-3MSD

**Manual Integrations APPROVED**
mohammad
8/12/2021 1:43:52 PM

Quant Time: Aug 11 17:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 6771 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.098 | 136 | 26983 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.851 | 164 | 15106 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.339 | 188 | 26224 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 15266 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.427 | 264 | 12262 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 25674 | 62.113 | ng | | 0.00 |
| 7) Phenol-d6 | 6.445 | 99 | 20256 | 38.864 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.380 | 82 | 41830 | 81.097 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.645 | 330 | 17831 | 132.124 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.175 | 172 | 88681 | 85.901 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.921 | 244 | 93419 | 103.224 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.546 | 88 | 2842 | 18.378 | ng | # | 100 |
| 3) Pyridine | 3.322 | 79 | 3412 | 9.496 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.240 | 42 | 4821 | 18.893 | ng | | 90 |
| 6) Aniline | 6.475 | 93 | 11952 | 21.709 | ng | | 96 |
| 8) 2-Chlorophenol | 6.598 | 128 | 15638 | 34.490 | ng | | 95 |
| 9) Benzaldehyde | 6.363 | 77 | 6566 | 23.156 | ng | | 92 |
| 10) Phenol | 6.463 | 94 | 8042 | 14.954 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 6.551 | 93 | 18460 | 45.757 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.751 | 146 | 18556 | 37.601 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.833 | 146 | 19233 | 38.986 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.981 | 146 | 18059 | 39.061 | ng | | 96 |
| 15) Benzyl Alcohol | 6.957 | 79 | 10268 | 27.312 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.092 | 45 | 29394 | 45.477 | ng | | 94 |
| 17) 2-Methylphenol | 7.075 | 107 | 10336 | 30.455 | ng | # | 91 |
| 18) Hexachloroethane | 7.322 | 117 | 7173 | 37.138 | ng | # | 82 |
| 19) n-Nitroso-di-n-propyla... | 7.228 | 70 | 13725 | 44.381 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 12459 | 27.654 | ng | # | 48 |
| 22) Acetophenone | 7.222 | 105 | 28852 | 43.660 | ng | # | 90 |
| 24) Nitrobenzene | 7.398 | 77 | 20036 | 40.144 | ng | | 95 |
| 25) Isophorone | 7.639 | 82 | 36415 | 41.364 | ng | # | 91 |
| 26) 2-Nitrophenol | 7.716 | 139 | 10921 | 43.089 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.751 | 122 | 15675 | 43.629 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 7.845 | 93 | 24025 | 47.950 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 7.957 | 162 | 15616 | 39.012 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.039 | 180 | 16853 | 37.569 | ng | | 97 |
| 31) Naphthalene | 8.122 | 128 | 55270 | 39.868 | ng | | 96 |
| 32) Benzoic acid | 7.863 | 122 | 3715 | 22.183 | ng | | 87 |
| 33) 4-Chloroaniline | 8.169 | 127 | 12427 | 24.054 | ng | # | 95 |
| 34) Hexachlorobutadiene | 8.233 | 225 | 9774 | 36.486 | ng | | 97 |
| 35) Caprolactam | 8.557 | 113 | 353m | 3.321 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.651 | 107 | 15514 | 37.051 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.810 | 142 | 40338 | 43.276 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.910 | 142 | 36552 | 41.909 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.975 | 216 | 18783 | 43.320 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 8.957 | 237 | 8952 | 55.990 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.086 | 196 | 12022 | 41.650 | ng | | 95 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125057.D
Acq On : 11 Aug 2021 15:23
Operator : JU/CG
Sample : M3279-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SPLP-AMENDED-COM-3MSD

**Manual Integrations APPROVED**
mohammad
8/12/2021 1:43:52 PM

Quant Time: Aug 11 17:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 12314 | 42.144 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.274 | 154 | 47142 | 41.878 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.298 | 162 | 38383 | 42.858 | ng | | 98 |
| 48) 2-Nitroaniline | 9.398 | 65 | 11441 | 43.489 | ng | | 95 |
| 49) Acenaphthylene | 9.716 | 152 | 59639 | 43.840 | ng | | 98 |
| 50) Dimethylphthalate | 9.574 | 163 | 47874 | 46.767 | ng | | 96 |
| 51) 2,6-Dinitrotoluene | 9.639 | 165 | 10728 | 47.064 | ng | # | 83 |
| 52) Acenaphthene | 9.886 | 154 | 36680 | 44.476 | ng | | 99 |
| 53) 3-Nitroaniline | 9.810 | 138 | 7010 | 29.198 | ng | | 83 |
| 54) 2,4-Dinitrophenol | 9.922 | 184 | 9459 | 81.710 | ng | | 94 |
| 55) Dibenzofuran | 10.057 | 168 | 55539 | 43.091 | ng | | 99 |
| 56) 4-Nitrophenol | 9.980 | 139 | 5220 | 32.983 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 10.045 | 165 | 14424 | 46.608 | ng | # | 96 |
| 58) Fluorene | 10.404 | 166 | 44443 | 44.970 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.174 | 232 | 9807 | 44.735 | ng | # | 95 |
| 60) Diethylphthalate | 10.274 | 149 | 49712 | 47.322 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204 | 20977 | 44.947 | ng | | 93 |
| 62) 4-Nitroaniline | 10.427 | 138 | 8945 | 38.374 | ng | | 91 |
| 63) Azobenzene | 10.551 | 77 | 44246 | 43.070 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 6648 | 40.466 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.510 | 169 | 37598 | 44.235 | ng | | 93 |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248 | 13560 | 47.210 | ng | | 99 |
| 68) Hexachlorobenzene | 10.945 | 284 | 13653 | 43.692 | ng | | 95 |
| 69) Atrazine | 11.045 | 200 | 11460 | 44.870 | ng | | 93 |
| 70) Pentachlorophenol | 11.145 | 266 | 13743 | 92.457 | ng | | 94 |
| 71) Phenanthrene | 11.363 | 178 | 64604 | 45.414 | ng | | 98 |
| 72) Anthracene | 11.416 | 178 | 65909 | 46.185 | ng | | 99 |
| 73) Carbazole | 11.574 | 167 | 54111 | 41.347 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 81899 | 49.241 | ng | | 99 |
| 75) Fluoranthene | 12.557 | 202 | 61885 | 42.052 | ng | | 100 |
| 77) Benzidine | 12.668 | 184 | 5362 | 13.127 | ng | | 96 |
| 78) Pyrene | 12.780 | 202 | 60673 | 50.458 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.392 | 149 | 28024 | 52.370 | ng | | 97 |
| 81) Benzo(a)anthracene | 13.962 | 228 | 46309 | 46.549 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 12796 | 48.788 | ng | # | 97 |
| 83) Chrysene | 14.004 | 228 | 42589 | 44.284 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149 | 39412 | 53.093 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.557 | 149 | 61943 | 52.892 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.886 | 276 | 31406 | 43.010 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.009 | 252 | 46024 | 53.455 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.033 | 252 | 40909 | 52.232 | ng | # | 97 |
| 90) Benzo(a)pyrene | 15.368 | 252 | 34725 | 47.363 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 16.892 | 278 | 27050 | 42.132 | ng | # | 89 |
| 92) Benzo(g,h,i)perylene | 17.321 | 276 | 27046 | 43.916 | ng | # | 88 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125057.D
Acq On : 11 Aug 2021 15:23
Operator : JU/CG
Sample : M3279-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 11 17:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SPLP-AMENDED-COM-3MSD

**Manual Integrations APPROVED**
mohammad
8/12/2021 1:43:52 PM