Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000245.D
Acq On : 16 Sep 2019 17:48
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDICC080

Quant Time: Sep 16 18:59:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 17:15:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 348814 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 1297182 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 686343 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 1214295 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 829780 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.48 | 264 | 1026054 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 2940647 | 134.43 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 3569423 | 129.26 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 2986281 | 141.26 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 1012668 | 175.05 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 5111757 | 124.38 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.93 | 244 | 5505922 | 144.63 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.51 | 88 | 713729 | 70.935 | ng | | 99 |
| 3) Pyridine | 3.26 | 79 | 1890906 | 69.754 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.22 | 42 | 540408 | 61.737 | ng | | 97 |
| 6) Aniline | 6.46 | 93 | 2435063 | 60.930 | ng | | 98 |
| 8) 2-Chlorophenol | 6.58 | 128 | 1596971 | 70.606 | ng | | 100 |
| 10) Phenol | 6.45 | 94 | 1983910 | 64.663 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 1595436 | 65.828 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 1921658 | 72.839 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 1924433 | 73.253 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 1692669 | 70.126 | ng | | 99 |
| 15) Benzyl Alcohol | 6.93 | 79 | 1308682 | 64.637 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 1484281 | 56.949 | ng | | 97 |
| 17) 2-Methylphenol | 7.05 | 107 | 1393661 | 71.744 | ng | | 100 |
| 18) Hexachloroethane | 7.30 | 117 | 715297 | 73.412 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 937428 | 59.648 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 1458334 | 60.194 | ng | | 96 |
| 22) Acetophenone | 7.20 | 105 | 1990340 | 64.059 | ng | # | 94 |
| 24) Nitrobenzene | 7.38 | 77 | 1556634 | 67.968 | ng | | 95 |
| 25) Isophorone | 7.62 | 82 | 3005185 | 67.278 | ng | | 100 |
| 26) 2-Nitrophenol | 7.69 | 139 | 881887 | 98.878 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 1319057 | 73.291 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 1951325 | 67.180 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 1419461 | 76.702 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 1618000 | 76.691 | ng | | 98 |
| 31) Naphthalene | 8.10 | 128 | 4263910 | 71.643 | ng | | 97 |
| 32) Benzoic acid | 7.87 | 122 | 881874 | 79.808 | ng | | 99 |
| 33) 4-Chloroaniline | 8.15 | 127 | 1990653 | 70.918 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 971757 | 81.744 | ng | | 99 |
| 35) Caprolactam | 8.53 | 113 | 491798 | 74.725 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 1436440 | 71.138 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 2933120 | 70.521 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 2769030 | 70.658 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 1451658 | 74.724 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.95 | 237 | 886901 | 82.914 | ng | | 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000245.D
Acq On : 16 Sep 2019 17:48
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDICC080

Quant Time: Sep 16 18:59:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 17:15:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 1022619 | 76.331 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.11 | 196 | 1038639 | 74.097 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 3394484 | 70.057 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.28 | 162 | 2892903 | 71.925 | ng | | 98 |
| 48) 2-Nitroaniline | 9.37 | 65 | 758820 | 69.847 | ng | | 100 |
| 49) Acenaphthylene | 9.70 | 152 | 4259346 | 71.369 | ng | | 97 |
| 50) Dimethylphthalate | 9.56 | 163 | 3447575 | 73.713 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.62 | 165 | 796651 | 80.248 | ng | | 90 |
| 52) Acenaphthene | 9.87 | 154 | 2759869 | 73.697 | ng | | 99 |
| 53) 3-Nitroaniline | 9.79 | 138 | 910145 | 76.743 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.90 | 184 | 393864 | 125.645 | ng | # | 90 |
| 55) Dibenzofuran | 10.05 | 168 | 3837889 | 72.171 | ng | | 97 |
| 56) 4-Nitrophenol | 9.95 | 139 | 691020 | 81.518 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.03 | 165 | 1037993 | 81.900 | ng | | 90 |
| 58) Fluorene | 10.39 | 166 | 2709243 | 67.694 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 836197 | 78.788 | ng | | 100 |
| 60) Diethylphthalate | 10.26 | 149 | 3230478 | 69.005 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204 | 1496431 | 71.937 | ng | | 98 |
| 62) 4-Nitroaniline | 10.41 | 138 | 875885 | 77.429 | ng | | 98 |
| 63) Azobenzene | 10.54 | 77 | 2684880 | 59.889 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 485368 | 112.589 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.50 | 169 | 2657238 | 73.656 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.87 | 248 | 1039638 | 84.246 | ng | | 96 |
| 68) Hexachlorobenzene | 10.95 | 284 | 1137203 | 84.575 | ng | | 95 |
| 69) Atrazine | 11.03 | 200 | 369232 | 35.177 | ng | | 99 |
| 70) Pentachlorophenol | 11.13 | 266 | 614796 | 84.381 | ng | | 99 |
| 71) Phenanthrene | 11.36 | 178 | 4306136 | 71.149 | ng | | 97 |
| 72) Anthracene | 11.41 | 178 | 4238230 | 70.889 | ng | | 97 |
| 73) Carbazole | 11.56 | 167 | 4001057 | 70.899 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.90 | 149 | 4715895 | 68.917 | ng | # | 97 |
| 75) Fluoranthene | 12.56 | 202 | 4511980 | 68.603 | ng | | 97 |
| 78) Pyrene | 12.79 | 202 | 4620418 | 75.690 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.42 | 149 | 2194079 | 80.668 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.99 | 228 | 3851812 | 71.635 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.95 | 252 | 1563027 | 78.797 | ng | | 99 |
| 83) Chrysene | 14.03 | 228 | 3798038 | 74.678 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 2441170 | 68.969 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.61 | 149 | 4742545 | 76.035 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 5180711 | 81.292 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.06 | 252 | 4545778 | 72.531 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.09 | 252 | 4050368 | 70.622 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.43 | 252 | 4241273 | 74.967 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.00 | 278 | 3996742 | 70.642 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.43 | 276 | 4258774 | 76.051 | ng | | 100 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000245.D
Acq On : 16 Sep 2019 17:48
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

Quant Time: Sep 16 18:59:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 17:15:18 2019
Response via : Initial Calibration