Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001507.D
Acq On : 03 Jan 2020 14:27
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:32 AM

Quant Time: Jan 03 15:29:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 14:53:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 74630 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.48 | 136 | 267055 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.35 | 164 | 174337 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.10 | 188 | 376897 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.20 | 240 | 339251 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.46 | 264 | 402824 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 644057 | 139.48 | ng | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 875117 | 145.24 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.85 | 82 | 875592 | 125.91 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.85 | 330 | 312302 | 143.28 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.97 | 172 | 1727596 | 125.30 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.69 | 244 | 2529061 | 127.68 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 134763 | 70.915 | ng | # 68 |
| 3) Pyridine | 3.66 | 79 | 422282m | 81.344 | ng | |
| 4) n-Nitrosodimethylamine | 3.58 | 42 | 183736 | 55.896 | ng | 96 |
| 6) Aniline | 7.03 | 93 | 572196 | 75.438 | ng | 98 |
| 8) 2-Chlorophenol | 7.27 | 128 | 342665 | 73.814 | ng | 99 |
| 9) Benzaldehyde | 6.85 | 77 | 184310 | 43.605 | ng | 98 |
| 10) Phenol | 6.91 | 94 | 463963 | 67.391 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 367233 | 75.399 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.59 | 146 | 411874 | 71.229 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 415756 | 70.573 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.05 | 146 | 394644 | 70.317 | ng | 98 |
| 15) Benzyl Alcohol | 7.94 | 79 | 365992 | 64.735 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.24 | 45 | 511342 | 66.290 | ng | 97 |
| 17) 2-Methylphenol | 8.15 | 107 | 306903 | 74.814 | ng | 98 |
| 18) Hexachloroethane | 8.78 | 117 | 163031 | 65.053 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.52 | 70 | 290436 | 67.899 | ng | 98 |
| 20) 3+4-Methylphenols | 8.48 | 107 | 413005 | 75.869 | ng | 100 |
| 22) Acetophenone | 8.52 | 105 | 576924 | 68.315 | ng | # 97 |
| 24) Nitrobenzene | 8.89 | 77 | 447243 | 65.342 | ng | 100 |
| 25) Isophorone | 9.42 | 82 | 802284 | 71.747 | ng | 98 |
| 26) 2-Nitrophenol | 9.60 | 139 | 173657 | 71.150 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.67 | 122 | 279778 | 77.939 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.91 | 93 | 499558 | 74.800 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.13 | 162 | 344365 | 77.475 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.35 | 180 | 405671 | 74.199 | ng | 99 |
| 31) Naphthalene | 10.53 | 128 | 1073653 | 73.651 | ng | 100 |
| 32) Benzoic acid | 9.84 | 122 | 212720 | 78.145 | ng | 97 |
| 33) 4-Chloroaniline | 10.64 | 127 | 473053 | 79.349 | ng | 97 |
| 34) Hexachlorobutadiene | 10.84 | 225 | 271574 | 71.215 | ng | 99 |
| 35) Caprolactam | 11.42 | 113 | 114481m | 86.556 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.77 | 107 | 383403 | 73.813 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.15 | 142 | 764895 | 76.003 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.37 | 142 | 728266 | 76.971 | ng | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 441130 | 68.433 | ng | 98 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001507.D
Acq On : 03 Jan 2020 14:27
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
1/6/2020 11:42:32 AM

Quant Time: Jan 03 15:29:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 14:53:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.52 | 237 | 238144 | 74.695 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.76 | 196 | 280080 | 70.650 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.83 | 196 | 290848 | 71.405 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.17 | 154 | 985322 | 67.539 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.21 | 162 | 809592 | 68.644 | ng | 97 |
| 48) 2-Nitroaniline | 13.41 | 65 | 271596 | 57.509 | ng | 98 |
| 49) Acenaphthylene | 14.06 | 152 | 1230029 | 71.344 | ng | 98 |
| 50) Dimethylphthalate | 13.82 | 163 | 1023078 | 71.532 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.92 | 165 | 216661 | 74.604 | ng | 93 |
| 52) Acenaphthene | 14.41 | 154 | 753436 | 72.531 | ng | 99 |
| 53) 3-Nitroaniline | 14.25 | 138 | 240865 | 77.273 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.45 | 184 | 89785 | 80.065 | ng | 96 |
| 55) Dibenzofuran | 14.75 | 168 | 1178715 | 72.422 | ng | 97 |
| 56) 4-Nitrophenol | 14.56 | 139 | 183774 | 82.451 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.71 | 165 | 303355 | 75.154 | ng | 97 |
| 58) Fluorene | 15.40 | 166 | 866620 | 66.572 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 260850 | 74.592 | ng | 100 |
| 60) Diethylphthalate | 15.20 | 149 | 1043945 | 70.768 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.40 | 204 | 469536 | 68.615 | ng | 95 |
| 62) 4-Nitroaniline | 15.42 | 138 | 236806 | 65.604 | ng | 99 |
| 63) Azobenzene | 15.70 | 77 | 999488 | 64.357 | ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.48 | 198 | 124020 | 73.473 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.62 | 169 | 819977 | 68.625 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.30 | 248 | 319708 | 71.746 | ng | 96 |
| 68) Hexachlorobenzene | 16.42 | 284 | 360554 | 71.074 | ng | 97 |
| 69) Atrazine | 16.59 | 200 | 246466 | 57.425 | ng | 98 |
| 70) Pentachlorophenol | 16.76 | 266 | 195757 | 75.248 | ng | 99 |
| 71) Phenanthrene | 17.15 | 178 | 1525983 | 70.966 | ng | 98 |
| 72) Anthracene | 17.24 | 178 | 1518497 | 71.335 | ng | 98 |
| 73) Carbazole | 17.50 | 167 | 1404623 | 74.012 | ng | 100 |
| 74) Di-n-butylphthalate | 18.10 | 149 | 1800534 | 69.135 | ng | 99 |
| 75) Fluoranthene | 19.13 | 202 | 1847397 | 76.833 | ng | 98 |
| 77) Benzidine | 19.30 | 184 | 551978 | 55.883 | ng | 96 |
| 78) Pyrene | 19.47 | 202 | 1891570 | 71.812 | ng | 99 |
| 80) Butylbenzylphthalate | 20.38 | 149 | 840986 | 68.483 | ng | 98 |
| 81) Benzo(a)anthracene | 21.19 | 228 | 1796376 | 72.667 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.13 | 252 | 623700 | 72.658 | ng | 97 |
| 83) Chrysene | 21.25 | 228 | 1711734 | 71.738 | ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 1184051 | 65.708 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.04 | 149 | 2091408 | 70.025 | ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 2129384 | 82.631 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.79 | 252 | 1949494 | 73.692 | ng | 98 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 1736597 | 68.912 | ng | 98 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 1780721 | 73.891 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.79 | 278 | 1735482 | 73.653 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 26.47 | 276 | 1770288 | 78.624 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001507.D
Acq On : 03 Jan 2020 14:27
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 03 15:29:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 14:53:06 2020
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
1/6/2020 11:42:32 AM