Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007969.D
Acq On : 13 Nov 2021 15:40
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 15 04:44:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 04:38:03 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 169354 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.640 | 136 | 634490 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.481 | 164 | 400418 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.240 | 188 | 890503 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.339 | 240 | 1039901 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.745 | 264 | 1283601 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 0.000 | 112 | 0d | 0.000 | ng | | |
| 7) Phenol-d6 | 0.000 | 99 | 0d | 0.000 | ng | | |
| 23) Nitrobenzene-d5 | 9.011 | 82 | 1605833 | 135.953 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.981 | 330 | 923154 | 161.545 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.110 | 172 | 3939669 | 143.281 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.810 | 244 | 6664919 | 130.509 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.640 | 42 | 299645 | 63.238 | ng | # | 95 |
| 6) Aniline | 7.175 | 93 | 988718 | 60.733 | ng | | 98 |
| 8) 2-Chlorophenol | 7.411 | 128 | 701689 | 63.764 | ng | | 95 |
| 10) Phenol | 7.052 | 94 | 842804 | 61.064 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.734 | 146 | 785082 | 64.147 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.875 | 146 | 799877 | 63.964 | ng | | 99 |
| 15) Benzyl Alcohol | 8.093 | 79 | 684881 | 62.588 | ng | | 99 |
| 17) 2-Methylphenol | 8.293 | 107 | 592594 | 62.089 | ng | | 98 |
| 18) Hexachloroethane | 8.922 | 117 | 281555 | 65.109 | ng | # | 89 |
| 20) 3+4-Methylphenols | 8.628 | 107 | 827763 | 61.654 | ng | | 97 |
| 22) Acetophenone | 8.669 | 105 | 1059159 | 66.251 | ng | | 98 |
| 24) Nitrobenzene | 9.046 | 77 | 766744 | 68.216 | ng | | 95 |
| 25) Isophorone | 9.587 | 82 | 1395100 | 64.991 | ng | | 96 |
| 26) 2-Nitrophenol | 9.758 | 139 | 424438 | 74.563 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.828 | 122 | 588510 | 67.276 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.058 | 93 | 883604 | 62.380 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.299 | 162 | 744788 | 70.814 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.510 | 180 | 825610 | 70.580 | ng | | 100 |
| 31) Naphthalene | 10.693 | 128 | 2160252 | 67.306 | ng | | 98 |
| 32) Benzoic acid | 10.034 | 122 | 591536 | 78.445 | ng | | 96 |
| 33) 4-Chloroaniline | 10.805 | 127 | 950314 | 67.216 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.981 | 225 | 579104 | 75.404 | ng | | 98 |
| 35) Caprolactam | 11.628 | 113 | 164473m | 44.800 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.940 | 107 | 809762 | 68.155 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.305 | 142 | 1564491 | 66.082 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.522 | 142 | 1531604 | 66.027 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.675 | 216 | 983734 | 78.370 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.657 | 237 | 519615 | 77.291 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.916 | 196 | 688180 | 78.491 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.993 | 196 | 740464 | 77.965 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.322 | 154 | 2083153 | 72.054 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.357 | 162 | 1663729 | 74.053 | ng | | 98 |
| 48) 2-Nitroaniline | 13.563 | 65 | 500764 | 77.462 | ng | | 97 |
| 49) Acenaphthylene | 14.204 | 152 | 2552107 | 72.332 | ng | | 99 |
| 50) Dimethylphthalate | 13.951 | 163 | 2221925 | 71.894 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.069 | 165 | 486123 | 76.058 | ng | | 92 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.551 | 154 | 1419421 | 66.610 | ng | | 99 |
| 53) 3-Nitroaniline | 14.399 | 138 | 495912 | 72.728 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.604 | 184 | 318568 | 81.080 | ng | # | 88 |
| 55) Dibenzofuran | 14.887 | 168 | 2390982 | 66.329 | ng | | 98 |
| 56) 4-Nitrophenol | 14.716 | 139 | 398854 | 68.868 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.857 | 165 | 624636 | 70.991 | ng | | 90 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.116 | 232 | 633284m | 74.073 | ng | | |
| 60) Diethylphthalate | 15.316 | 149 | 2050332 | 68.334 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.528 | 204 | 1029272 | 68.920 | ng | | 99 |
| 62) 4-Nitroaniline | 15.569 | 138 | 491229 | 70.932 | ng | | 89 |
| 63) Azobenzene | 15.828 | 77 | 1695680 | 66.958 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.628 | 198 | 449966 | 77.169 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 15.751 | 169 | 1688815 | 66.615 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.428 | 248 | 716796 | 72.709 | ng | | 97 |
| 68) Hexachlorobenzene | 16.551 | 284 | 818290 | 74.387 | ng | # | 91 |
| 69) Atrazine | 16.710 | 200 | 457503 | 47.128 | ng | | 98 |
| 70) Pentachlorophenol | 16.892 | 266 | 545172 | 77.054 | ng | | 97 |
| 71) Phenanthrene | 17.287 | 178 | 3108390 | 66.400 | ng | | 99 |
| 72) Anthracene | 17.375 | 178 | 3096469 | 67.213 | ng | | 99 |
| 73) Carbazole | 17.651 | 167 | 3016059 | 65.861 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.204 | 149 | 3515666 | 67.409 | ng | | 99 |
| 75) Fluoranthene | 19.257 | 202 | 3969697 | 67.222 | ng | | 97 |
| 77) Benzidine | 19.434 | 184 | 1113157 | 42.473 | ng | | 99 |
| 78) Pyrene | 19.610 | 202 | 4112051 | 64.471 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 1782034 | 66.479 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.322 | 228 | 4551659 | 66.438 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.257 | 252 | 2203915 | 95.801 | ng | # | 98 |
| 83) Chrysene | 21.375 | 228 | 4345203 | 66.997 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 2474983 | 64.378 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 22.175 | 149 | 4699848 | 67.959 | ng | # | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 26.280 | 276 | 6584349 | 68.817 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.016 | 252 | 5142918 | 67.970 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.069 | 252 | 4912800 | 65.419 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.639 | 252 | 4428011 | 67.586 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 26.292 | 278 | 5436553 | 68.554 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 27.051 | 276 | 5417454 | 68.862 | ng | # | 95 |

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

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