Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040121\
Data File : BP005130.D
Acq On : 01 Apr 2021 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
4/2/2021 12:10:05 PM

Quant Time: Apr 01 12:24:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.705 | 152 | 33388 | 20.00 | ng | | # 0.00 |
| 21) Naphthalene-d8 | 10.499 | 136 | 132496 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.363 | 164 | 85183 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.128 | 188 | 168916 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.228 | 240 | 167664 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.510 | 264 | 169255 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.305 | 112 | 179836 | 82.89 | ng | | 0.00 |
| 7) Phenol-d6 | 6.887 | 99 | 259617 | 83.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.869 | 82 | 239049 | 77.41 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.863 | 330 | 86192 | 77.66 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.981 | 172 | 478172 | 75.94 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.698 | 244 | 729233 | 79.18 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 37632 | 39.83 | ng | | 97 |
| 3) Pyridine | 3.646 | 79 | 99302 | 42.27 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.558 | 42 | 34065 | 40.56 | ng | # | 90 |
| 6) Aniline | 7.046 | 93 | 149192 | 42.36 | ng | # | 89 |
| 8) 2-Chlorophenol | 7.275 | 128 | 96324 | 42.09 | ng | | 85 |
| 9) Benzaldehyde | 6.858 | 77 | 61251 | 38.70 | ng | # | 79 |
| 10) Phenol | 6.917 | 94 | 131256 | 41.21 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 7.140 | 93 | 95952 | 41.15 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 7.599 | 146 | 100929 | 39.70 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 7.746 | 146 | 102800 | 39.83 | ng | # | 94 |
| 14) 1,2-Dichlorobenzene | 8.058 | 146 | 100507 | 40.59 | ng | | 93 |
| 15) Benzyl Alcohol | 7.952 | 79 | 100748 | 42.02 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.234 | 45 | 78116 | 45.67 | ng | | 94 |
| 17) 2-Methylphenol | 8.152 | 107 | 86597 | 42.60 | ng | # | 92 |
| 18) Hexachloroethane | 8.775 | 117 | 38979 | 39.63 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.522 | 70 | 84535 | 41.93 | ng | # | 93 |
| 20) 3+4-Methylphenols | 8.487 | 107 | 118547 | 42.71 | ng | | 89 |
| 22) Acetophenone | 8.534 | 105 | 147726 | 38.78 | ng | # | 93 |
| 24) Nitrobenzene | 8.911 | 77 | 124307 | 38.20 | ng | # | 79 |
| 25) Isophorone | 9.440 | 82 | 231382 | 40.60 | ng | # | 89 |
| 26) 2-Nitrophenol | 9.616 | 139 | 53715 | 42.56 | ng | # | 73 |
| 27) 2,4-Dimethylphenol | 9.681 | 122 | 79443 | 39.14 | ng | | 87 |
| 28) bis(2-Chloroethoxy)met... | 9.916 | 93 | 117035 | 40.57 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.152 | 162 | 89789 | 39.54 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.363 | 180 | 96924 | 38.00 | ng | | 99 |
| 31) Naphthalene | 10.552 | 128 | 293747 | 39.25 | ng | | 99 |
| 32) Benzoic acid | 9.846 | 122 | 68486 | 45.45 | ng | # | 77 |
| 33) 4-Chloroaniline | 10.663 | 127 | 120594 | 39.82 | ng | # | 85 |
| 34) Hexachlorobutadiene | 10.828 | 225 | 61846 | 37.68 | ng | | 95 |
| 35) Caprolactam | 11.469 | 113 | 32554 | 43.68 | ng | | 86 |
| 36) 4-Chloro-3-methylphenol | 11.799 | 107 | 108440 | 39.53 | ng | | 85 |
| 37) 2-Methylnaphthalene | 12.169 | 142 | 208713 | 38.62 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.387 | 142 | 193756m | 38.25 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.540 | 216 | 103766 | 37.41 | ng | # | 98 |
| 41) Hexachlorocyclopentadiene | 12.516 | 237 | 59211 | 39.24 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.787 | 196 | 76855 | 40.08 | ng | | 98 |

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Acq On : 01 Apr 2021 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

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Quant Time: Apr 01 12:24:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.857 | 196 | 81460 | 39.23 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 13.193 | 154 | 250334 | 38.53 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.234 | 162 | 202712 | 38.33 | ng | | 99 |
| 48) 2-Nitroaniline | 13.446 | 65 | 69138 | 41.03 | ng | # | 61 |
| 49) Acenaphthylene | 14.087 | 152 | 318500 | 38.72 | ng | | 100 |
| 50) Dimethylphthalate | 13.828 | 163 | 249028 | 37.96 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 13.946 | 165 | 61569 | 39.82 | ng | # | 60 |
| 52) Acenaphthene | 14.428 | 154 | 194311 | 38.39 | ng | | 99 |
| 53) 3-Nitroaniline | 14.281 | 138 | 59182 | 41.58 | ng | # | 63 |
| 54) 2,4-Dinitrophenol | 14.487 | 184 | 40392 | 43.14 | ng | # | 80 |
| 55) Dibenzofuran | 14.769 | 168 | 312208 | 37.64 | ng | | 98 |
| 56) 4-Nitrophenol | 14.593 | 139 | 50931 | 43.63 | ng | # | 61 |
| 57) 2,4-Dinitrotoluene | 14.740 | 165 | 82324 | 40.31 | ng | # | 63 |
| 58) Fluorene | 15.422 | 166 | 255222 | 38.10 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232 | 73804 | 38.53 | ng | | 95 |
| 60) Diethylphthalate | 15.198 | 149 | 249024 | 38.80 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.416 | 204 | 129884 | 36.54 | ng | | 97 |
| 62) 4-Nitroaniline | 15.451 | 138 | 62846 | 42.98 | ng | # | 74 |
| 63) Azobenzene | 15.710 | 77 | 273466 | 37.28 | ng | | 86 |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 198 | 54865 | 44.51 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 15.634 | 169 | 221362 | 40.77 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.316 | 248 | 79656 | 40.70 | ng | | 97 |
| 68) Hexachlorobenzene | 16.428 | 284 | 86174 | 39.15 | ng | | 98 |
| 69) Atrazine | 16.598 | 200 | 74991 | 41.58 | ng | | 95 |
| 70) Pentachlorophenol | 16.775 | 266 | 60918 | 41.92 | ng | | 99 |
| 71) Phenanthrene | 17.169 | 178 | 387962 | 39.62 | ng | | 99 |
| 72) Anthracene | 17.257 | 178 | 388190 | 40.57 | ng | | 99 |
| 73) Carbazole | 17.534 | 167 | 366448 | 40.77 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.092 | 149 | 423396 | 42.80 | ng | # | 98 |
| 75) Fluoranthene | 19.145 | 202 | 454965 | 39.49 | ng | | 97 |
| 77) Benzidine | 19.334 | 184 | 168228 | 45.73 | ng | | 99 |
| 78) Pyrene | 19.498 | 202 | 464340 | 40.30 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.381 | 149 | 193082 | 45.16 | ng | # | 78 |
| 81) Benzo(a)anthracene | 21.210 | 228 | 454575 | 39.91 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.145 | 252 | 164531 | 42.98 | ng | | 100 |
| 83) Chrysene | 21.263 | 228 | 442478 | 39.58 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.139 | 149 | 276841 | 44.17 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.022 | 149 | 476180 | 45.06 | ng | # | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 25.863 | 276 | 501324 | 39.50 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.816 | 252 | 454271 | 37.80 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.863 | 252 | 442953 | 38.46 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.410 | 252 | 419002 | 38.88 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.874 | 278 | 432938 | 39.45 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 26.580 | 276 | 422423 | 39.89 | ng | | 97 |

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

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