Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007000.D
Acq On : 16 Sep 2021 17:46
Operator : CG/JU
Sample : PB139068BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB139068BS

**Manual Integrations APPROVED**
mohammad
9/17/2021 11:29:47 AM

Quant Time: Sep 16 18:13:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 15:16:52 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.910 | 152 | 363106 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.716 | 136 | 1473106 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.539 | 164 | 944605 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.286 | 188 | 1953393 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.368 | 240 | 1918775 | 20.000 | ng | #-0.01 |
| 86) Perylene-d12 | 23.780 | 264 | 1924862 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 2837528 | 127.607 | ng | 0.00 |
| 7) Phenol-d6 | 7.081 | 99 | 3511777 | 115.706 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 1972776 | 75.216 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.028 | 330 | 1381242 | 121.589 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.169 | 172 | 4799504 | 70.143 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.839 | 244 | 7415817 | 74.152 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 323596 | 33.234 | ng | # 87 |
| 3) Pyridine | 3.775 | 79 | 835961 | 33.391 | ng | # 85 |
| 4) n-Nitrosodimethylamine | 3.687 | 42 | 397677 | 43.240 | ng | # 81 |
| 6) Aniline | 7.240 | 93 | 1379905 | 42.194 | ng | 99 |
| 8) 2-Chlorophenol | 7.475 | 128 | 1033755 | 41.478 | ng | 97 |
| 9) Benzaldehyde | 7.052 | 77 | 619510m | 44.778 | ng | |
| 10) Phenol | 7.105 | 94 | 1303952 | 42.619 | ng | 91 |
| 11) bis(2-Chloroethyl)ether | 7.340 | 93 | 964038 | 40.877 | ng | 95 |
| 12) 1,3-Dichlorobenzene | 7.805 | 146 | 1090796 | 39.062 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 7.946 | 146 | 1116091 | 39.420 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.263 | 146 | 1068530 | 39.413 | ng | 98 |
| 15) Benzyl Alcohol | 8.152 | 79 | 835603 | 42.686 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446 | 45 | 1142801 | 41.451 | ng | 88 |
| 17) 2-Methylphenol | 8.352 | 107 | 853785 | 43.443 | ng | 94 |
| 18) Hexachloroethane | 8.993 | 117 | 384780 | 40.921 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 671373 | 40.291 | ng | 99 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 1155353 | 43.432 | ng | 94 |
| 22) Acetophenone | 8.740 | 105 | 1460929 | 39.322 | ng | 99 |
| 24) Nitrobenzene | 9.116 | 77 | 1026744 | 37.523 | ng | 97 |
| 25) Isophorone | 9.646 | 82 | 1823666 | 37.614 | ng | 98 |
| 26) 2-Nitrophenol | 9.828 | 139 | 500995 | 42.230 | ng | # 89 |
| 27) 2,4-Dimethylphenol | 9.887 | 122 | 961673 | 46.066 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93 | 1228712 | 41.769 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 969393 | 40.646 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.575 | 180 | 1014419 | 37.405 | ng | 98 |
| 31) Naphthalene | 10.763 | 128 | 3008943 | 36.864 | ng | 100 |
| 32) Benzoic acid | 10.028 | 122 | 679838 | 44.284 | ng | 95 |
| 33) 4-Chloroaniline | 10.869 | 127 | 924660 | 29.176 | ng | 99 |
| 34) Hexachlorobutadiene | 11.051 | 225 | 579739 | 36.299 | ng | 99 |
| 35) Caprolactam | 11.669 | 113 | 309194m | 47.115 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.993 | 107 | 1014289 | 42.158 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 2193551 | 37.907 | ng | 96 |
| 38) 1-Methylnaphthalene | 12.587 | 142 | 2009881 | 36.783 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.740 | 216 | 1119181 | 37.231 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.722 | 237 | 1445318 | 96.790 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.975 | 196 | 791510 | 40.731 | ng | 97 |

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Sample : PB139068BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 18:13:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.040 | 196 | 865181 | 40.409 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.375 | 154 | 2666838 | 36.194 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.416 | 162 | 2140775 | 36.875 | ng | | 98 |
| 48) 2-Nitroaniline | 13.616 | 65 | 607041 | 45.634 | ng | | 99 |
| 49) Acenaphthylene | 14.263 | 152 | 3457920 | 39.306 | ng | | 100 |
| 50) Dimethylphthalate | 14.004 | 163 | 2724326 | 39.515 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.116 | 165 | 595233 | 39.671 | ng | | 94 |
| 52) Acenaphthene | 14.604 | 154 | 2057095 | 36.943 | ng | | 99 |
| 53) 3-Nitroaniline | 14.445 | 138 | 524411 | 34.964 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.651 | 184 | 700862 | 88.090 | ng | | 90 |
| 55) Dibenzofuran | 14.939 | 168 | 3285548 | 36.429 | ng | | 95 |
| 56) 4-Nitrophenol | 14.751 | 139 | 1142732 | 89.772 | ng | # | 81 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 816273 | 42.505 | ng | | 97 |
| 58) Fluorene | 15.586 | 166 | 2660733 | 37.798 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232 | 737411m | 40.042 | ng | | |
| 60) Diethylphthalate | 15.363 | 149 | 2674589 | 40.337 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.581 | 204 | 1348440 | 38.192 | ng | | 92 |
| 62) 4-Nitroaniline | 15.604 | 138 | 637390 | 42.275 | ng | # | 81 |
| 63) Azobenzene | 15.875 | 77 | 2386421 | 38.863 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198 | 435737 | 36.784 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.798 | 169 | 2373296 | 38.176 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.475 | 248 | 831221 | 38.495 | ng | | 96 |
| 68) Hexachlorobenzene | 16.592 | 284 | 930627 | 38.337 | ng | | 98 |
| 69) Atrazine | 16.751 | 200 | 856367 | 46.327 | ng | | 97 |
| 70) Pentachlorophenol | 16.933 | 266 | 1279136 | 87.744 | ng | | 100 |
| 71) Phenanthrene | 17.328 | 178 | 4228261 | 37.312 | ng | | 99 |
| 72) Anthracene | 17.422 | 178 | 4318077 | 39.826 | ng | | 99 |
| 73) Carbazole | 17.692 | 167 | 3941230 | 37.262 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.245 | 149 | 4691765 | 43.372 | ng | | 99 |
| 75) Fluoranthene | 19.292 | 202 | 4944802 | 37.884 | ng | | 97 |
| 77) Benzidine | 19.469 | 184 | 2669792 | 77.864 | ng | | 99 |
| 78) Pyrene | 19.645 | 202 | 5106246 | 38.404 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.516 | 149 | 2087685 | 44.849 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.351 | 228 | 4902664 | 37.602 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.286 | 252 | 1643580 | 44.332 | ng | | 98 |
| 83) Chrysene | 21.404 | 228 | 4827029 | 37.728 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 3020798 | 44.148 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.204 | 149 | 5170703 | 46.235 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.315 | 276 | 5927962 | 40.580 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.045 | 252 | 5240156 | 40.081 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.092 | 252 | 4971442 | 39.068 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.674 | 252 | 5005358 | 42.691 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 26.333 | 278 | 5064850 | 40.080 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 27.092 | 276 | 4993334 | 40.957 | ng | # | 94 |

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

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Misc :
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