Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008654.D
Acq On : 04 Jan 2022 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 13:13:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.887 | 152 | 503685 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.687 | 136 | 2013505 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.522 | 164 | 1446002 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.269 | 188 | 3267783 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.351 | 240 | 3433142 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 23.774 | 264 | 3724535 | 20.000 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 2297978 | 83.275 | ng | | 0.00 |
| 7) Phenol-d6 | 7.058 | 99 | 3094256 | 80.559 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.046 | 82 | 2791117 | 82.463 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.010 | 330 | 2051732 | 104.874 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.151 | 172 | 8168266 | 81.842 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.822 | 244 | 12726305 | 75.687 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.369 | 88 | 437711 | 39.264 | ng | | 100 |
| 3) Pyridine | 3.769 | 79 | 1241933 | 40.840 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.675 | 42 | 408740 | 41.627 | ng | | 99 |
| 6) Aniline | 7.210 | 93 | 1761034 | 39.448 | ng | | 99 |
| 8) 2-Chlorophenol | 7.452 | 128 | 1331300 | 40.956 | ng | | 99 |
| 9) Benzaldehyde | 7.022 | 77 | 888732 | 40.654 | ng | | 98 |
| 10) Phenol | 7.087 | 94 | 1556837 | 40.149 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.310 | 93 | 1216962 | 38.913 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.775 | 146 | 1510219 | 39.691 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.922 | 146 | 1543413 | 39.879 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.240 | 146 | 1501103 | 39.701 | ng | | 98 |
| 15) Benzyl Alcohol | 8.128 | 79 | 1127195 | 40.971 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.422 | 45 | 1266462 | 35.588 | ng | | 99 |
| 17) 2-Methylphenol | 8.334 | 107 | 1091786 | 40.461 | ng | | 99 |
| 18) Hexachloroethane | 8.975 | 117 | 496504 | 39.349 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.699 | 70 | 923934 | 37.668 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.663 | 107 | 1529457 | 40.346 | ng | | 100 |
| 22) Acetophenone | 8.710 | 105 | 1937698 | 40.132 | ng | # | 99 |
| 24) Nitrobenzene | 9.087 | 77 | 1311616 | 40.689 | ng | | 97 |
| 25) Isophorone | 9.622 | 82 | 2518373 | 39.829 | ng | | 98 |
| 26) 2-Nitrophenol | 9.799 | 139 | 779104 | 50.887 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.869 | 122 | 1131508 | 40.956 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.099 | 93 | 1692438 | 38.661 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.340 | 162 | 1446257 | 43.253 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.551 | 180 | 1620658 | 41.103 | ng | | 99 |
| 31) Naphthalene | 10.740 | 128 | 4217986 | 40.360 | ng | | 99 |
| 32) Benzoic acid | 10.022 | 122 | 1012455 | 58.021 | ng | | 100 |
| 33) 4-Chloroaniline | 10.846 | 127 | 1828942 | 40.812 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.034 | 225 | 1003232 | 41.912 | ng | | 100 |
| 35) Caprolactam | 11.646 | 113 | 484968 | 44.126 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.975 | 107 | 1419766 | 42.478 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.345 | 142 | 3147618 | 40.013 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.569 | 142 | 3072631 | 39.950 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.716 | 216 | 1876509 | 41.192 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.704 | 237 | 964799 | 39.827 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.957 | 196 | 1353901 | 45.680 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.028 | 196 | 1463505 | 44.720 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.357 | 154 | 4261110 | 39.841 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.398 | 162 | 3405382 | 40.627 | ng | 99 |
| 48) 2-Nitroaniline | 13.592 | 65 | 817210 | 44.474 | ng | 97 |
| 49) Acenaphthylene | 14.240 | 152 | 5313617 | 41.270 | ng | 99 |
| 50) Dimethylphthalate | 13.981 | 163 | 4476706 | 40.196 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.092 | 165 | 983267 | 43.025 | ng | 96 |
| 52) Acenaphthene | 14.587 | 154 | 3468107m | 41.169 | ng | |
| 53) 3-Nitroaniline | 14.422 | 138 | 1034142 | 43.477 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.622 | 184 | 538699 | 52.923 | ng | 99 |
| 55) Dibenzofuran | 14.922 | 168 | 5445124 | 40.319 | ng | 99 |
| 56) 4-Nitrophenol | 14.734 | 139 | 882620 | 47.122 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.881 | 165 | 1363800 | 44.725 | ng | 98 |
| 58) Fluorene | 15.569 | 166 | 4262730 | 40.505 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.145 | 232 | 1361919m | 46.452 | ng | |
| 60) Diethylphthalate | 15.345 | 149 | 4354809 | 40.002 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.563 | 204 | 2365011 | 40.342 | ng | 100 |
| 62) 4-Nitroaniline | 15.586 | 138 | 1096692 | 45.399 | ng | 99 |
| 63) Azobenzene | 15.857 | 77 | 3388167 | 38.561 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 198 | 848222 | 51.620 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.775 | 169 | 3890687 | 39.451 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.457 | 248 | 1612054 | 45.084 | ng | 99 |
| 68) Hexachlorobenzene | 16.581 | 284 | 1865588 | 42.504 | ng | 95 |
| 69) Atrazine | 16.733 | 200 | 1551019 | 42.044 | ng | 98 |
| 70) Pentachlorophenol | 16.922 | 266 | 1223553 | 51.181 | ng | 99 |
| 71) Phenanthrene | 17.310 | 178 | 7099662 | 40.298 | ng | 100 |
| 72) Anthracene | 17.404 | 178 | 7015750 | 40.869 | ng | 100 |
| 73) Carbazole | 17.675 | 167 | 6928015 | 41.119 | ng | 100 |
| 74) Di-n-butylphthalate | 18.228 | 149 | 7668155 | 41.599 | ng | 100 |
| 75) Fluoranthene | 19.275 | 202 | 8710457 | 42.983 | ng | 98 |
| 77) Benzidine | 19.451 | 184 | 4151643 | 40.251 | ng | 99 |
| 78) Pyrene | 19.627 | 202 | 8814517 | 39.466 | ng | 99 |
| 80) Butylbenzylphthalate | 20.504 | 149 | 3717586 | 41.731 | ng | 95 |
| 81) Benzo(a)anthracene | 21.339 | 228 | 8975892 | 40.301 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.269 | 252 | 3660496 | 44.699 | ng | 99 |
| 83) Chrysene | 21.392 | 228 | 8475134 | 40.695 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.269 | 149 | 5101102 | 37.907 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.198 | 149 | 9120647 | 43.786 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.298 | 276 | 10353979 | 41.386 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.033 | 252 | 9623608 | 40.178 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.086 | 252 | 8888488 | 37.329 | ng | 99 |
| 90) Benzo(a)pyrene | 23.668 | 252 | 7896457 | 40.894 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.321 | 278 | 8581014 | 40.658 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.074 | 276 | 8110129 | 41.095 | ng | 99 |

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

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