Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020537.D
Acq On : 06 Jun 2024 11:30
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 13:04:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.763 | 152 | 334983 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.534 | 136 | 1298318 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.392 | 164 | 759733 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 1298216 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.639 | 240 | 1035158 | 20.000 | ng | | -0.03 |
| 86) Perylene-d12 | 25.004 | 264 | 1347135 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 1485063 | 79.375 | ng | | 0.00 |
| 7) Phenol-d6 | 6.934 | 99 | 1939523 | 73.509 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.910 | 82 | 1889337 | 79.659 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.904 | 330 | 685132 | 86.895 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.010 | 172 | 4296847 | 84.312 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.933 | 244 | 4444852 | 71.481 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.322 | 88 | 293984 | 38.888 | ng | | 96 |
| 3) Pyridine | 3.711 | 79 | 803877m | 37.821 | ng | | |
| 4) n-Nitrosodimethylamine | 3.628 | 42 | 362722 | 35.134 | ng | | 96 |
| 6) Aniline | 7.104 | 93 | 936953 | 35.045 | ng | | 98 |
| 8) 2-Chlorophenol | 7.328 | 128 | 826354 | 39.401 | ng | | 97 |
| 9) Benzaldehyde | 6.916 | 77 | 558027 | 32.971 | ng | | 96 |
| 10) Phenol | 6.957 | 94 | 981445 | 36.314 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.193 | 93 | 816120 | 36.616 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.652 | 146 | 980184 | 39.667 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.799 | 146 | 983820 | 39.172 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.110 | 146 | 946789 | 39.062 | ng | | 99 |
| 15) Benzyl Alcohol | 7.993 | 79 | 689744 | 35.391 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281 | 45 | 1094547 | 32.893 | ng | | 98 |
| 17) 2-Methylphenol | 8.199 | 107 | 673853 | 36.741 | ng | | 100 |
| 18) Hexachloroethane | 8.828 | 117 | 364974 | 39.798 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.563 | 70 | 624000 | 34.643 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.528 | 107 | 933512 | 37.422 | ng | | 99 |
| 22) Acetophenone | 8.575 | 105 | 1251374 | 38.830 | ng | # | 98 |
| 24) Nitrobenzene | 8.951 | 77 | 935447 | 38.862 | ng | | 97 |
| 25) Isophorone | 9.475 | 82 | 1714734 | 37.210 | ng | | 99 |
| 26) 2-Nitrophenol | 9.651 | 139 | 427755 | 45.166 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.710 | 122 | 536904 | 38.565 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.951 | 93 | 1041679 | 36.777 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.181 | 162 | 772795 | 41.376 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.398 | 180 | 909539 | 41.020 | ng | | 98 |
| 31) Naphthalene | 10.587 | 128 | 2624613 | 39.544 | ng | | 100 |
| 32) Benzoic acid | 9.857 | 122 | 556064 | 42.892 | ng | | 99 |
| 33) 4-Chloroaniline | 10.698 | 127 | 904462 | 35.227 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.863 | 225 | 606294 | 43.408 | ng | | 99 |
| 35) Caprolactam | 11.487 | 113 | 225563 | 32.955 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 11.810 | 107 | 798103 | 36.496 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.187 | 142 | 1757159 | 36.947 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.428 | 142 | 1721621 | 36.517 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.557 | 216 | 971153 | 44.180 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.534 | 237 | 404525 | 52.363 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.804 | 196 | 614979 | 46.283 | ng | | 98 |

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Quant Time: Jun 06 13:04:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.869 | 196 | 664162 | 43.327 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.210 | 154 | 2222819 | 41.457 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.257 | 162 | 1776603 | 41.681 | ng | 99 |
| 48) 2-Nitroaniline | 13.463 | 65 | 470904 | 40.772 | ng | 98 |
| 49) Acenaphthylene | 14.104 | 152 | 2529377 | 39.992 | ng | 100 |
| 50) Dimethylphthalate | 13.857 | 163 | 1993434 | 37.224 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.969 | 165 | 452060 | 39.493 | ng | 97 |
| 52) Acenaphthene | 14.457 | 154 | 1587855 | 39.800 | ng | 99 |
| 53) 3-Nitroaniline | 14.304 | 138 | 411145 | 35.808 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.492 | 184 | 188522 | 44.528 | ng | 95 |
| 55) Dibenzofuran | 14.792 | 168 | 2411906 | 38.164 | ng | 99 |
| 56) 4-Nitrophenol | 14.604 | 139 | 313333 | 35.278 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.751 | 165 | 564187 | 37.505 | ng | 96 |
| 58) Fluorene | 15.457 | 166 | 1909149 | 37.630 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.028 | 232 | 523631 | 41.741 | ng | 97 |
| 60) Diethylphthalate | 15.228 | 149 | 1907390 | 35.038 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204 | 1021974 | 39.035 | ng | 98 |
| 62) 4-Nitroaniline | 15.481 | 138 | 374969 | 31.703 | ng | 97 |
| 63) Azobenzene | 15.757 | 77 | 1751232 | 34.451 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198 | 266497 | 46.573 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.669 | 169 | 1568649 | 43.949 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.363 | 248 | 600930 | 45.246 | ng | 98 |
| 68) Hexachlorobenzene | 16.475 | 284 | 688814 | 44.067 | ng | 99 |
| 69) Atrazine | 16.645 | 200 | 463132 | 36.882 | ng | 99 |
| 70) Pentachlorophenol | 16.833 | 266 | 421326 | 44.380 | ng | 98 |
| 71) Phenanthrene | 17.239 | 178 | 2585464 | 40.514 | ng | 99 |
| 72) Anthracene | 17.327 | 178 | 2501571 | 39.948 | ng | 100 |
| 73) Carbazole | 17.610 | 167 | 2208703 | 36.464 | ng | 100 |
| 74) Di-n-butylphthalate | 18.210 | 149 | 2648029 | 36.100 | ng | 99 |
| 75) Fluoranthene | 19.322 | 202 | 2701942 | 35.788 | ng | 99 |
| 77) Benzidine | 19.533 | 184 | 763803m | 24.143 | ng | |
| 78) Pyrene | 19.698 | 202 | 2735197 | 35.128 | ng | 100 |
| 80) Butylbenzylphthalate | 20.663 | 149 | 1098684 | 35.695 | ng | 95 |
| 81) Benzo(a)anthracene | 21.621 | 228 | 2643555 | 38.785 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.545 | 252 | 981420 | 48.438 | ng | 99 |
| 83) Chrysene | 21.692 | 228 | 2565467 | 39.945 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.580 | 149 | 1696949 | 38.294 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.874 | 149 | 3142184 | 48.786 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.815 | 276 | 3805145 | 46.450 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.945 | 252 | 3065244 | 36.524 | ng | 98 |
| 89) Benzo(k)fluoranthene | 24.015 | 252 | 3026015 | 36.969 | ng | 99 |
| 90) Benzo(a)pyrene | 24.845 | 252 | 2792824 | 40.182 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.909 | 278 | 3150463 | 46.108 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 30.009 | 276 | 3140773 | 45.988 | ng | 98 |

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

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