Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134539.D
Acq On : 01 Aug 2023 09:24
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 02:12:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.792 | 152 | 205505 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.075 | 136 | 802517 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.827 | 164 | 409349 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.310 | 188 | 740778 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 13.957 | 240 | 561492 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.415 | 264 | 493588 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.410 | 112 | 604922 | 44.746 | ng | | 0.00 |
| 7) Phenol-d6 | 6.416 | 99 | 762493 | 44.122 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.351 | 82 | 550934 | 42.902 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.610 | 330 | 181372 | 43.464 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.151 | 172 | 1161296 | 47.170 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.904 | 244 | 1299226 | 40.791 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.551 | 88 | 133274 | 21.426 | ng | | 96 |
| 3) Pyridine | 3.293 | 79 | 361508 | 21.448 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.246 | 42 | 172063 | 21.365 | ng | # | 72 |
| 6) Aniline | 6.457 | 93 | 490864 | 21.655 | ng | | 92 |
| 8) 2-Chlorophenol | 6.575 | 128 | 304461 | 22.325 | ng | | 97 |
| 9) Benzaldehyde | 6.345 | 77 | 205291 | 20.624 | ng | | 97 |
| 10) Phenol | 6.428 | 94 | 377244 | 22.150 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 6.534 | 93 | 295771 | 21.862 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.734 | 146 | 309137 | 21.909 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.810 | 146 | 310929 | 21.988 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.963 | 146 | 297473 | 22.577 | ng | | 96 |
| 15) Benzyl Alcohol | 6.934 | 79 | 270355 | 22.677 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069 | 45 | 462112 | 21.803 | ng | | 88 |
| 17) 2-Methylphenol | 7.039 | 107 | 260426 | 21.610 | ng | | 92 |
| 18) Hexachloroethane | 7.304 | 117 | 109790 | 22.121 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.204 | 70 | 220905 | 21.350 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.192 | 107 | 333341 | 22.936 | ng | # | 66 |
| 22) Acetophenone | 7.198 | 105 | 412210 | 22.249 | ng | # | 90 |
| 24) Nitrobenzene | 7.369 | 77 | 300492 | 21.659 | ng | | 98 |
| 25) Isophorone | 7.610 | 82 | 590275 | 21.074 | ng | | 98 |
| 26) 2-Nitrophenol | 7.686 | 139 | 93217 | 19.006 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.722 | 122 | 269843 | 21.592 | ng | | 85 |
| 28) bis(2-Chloroethoxy)met... | 7.828 | 93 | 365280 | 21.801 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.922 | 162 | 242471 | 21.377 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.010 | 180 | 260377 | 21.526 | ng | | 98 |
| 31) Naphthalene | 8.092 | 128 | 884248 | 21.924 | ng | | 98 |
| 32) Benzoic acid | 7.810 | 122 | 116284 | 19.793 | ng | | 89 |
| 33) 4-Chloroaniline | 8.139 | 127 | 384678 | 21.405 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.216 | 225 | 150669 | 21.595 | ng | | 95 |
| 35) Caprolactam | 8.492 | 113 | 75557m | 20.640 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.616 | 107 | 259240 | 21.581 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.786 | 142 | 596117 | 22.298 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.880 | 142 | 548790 | 22.075 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.945 | 216 | 258076 | 21.681 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.939 | 237 | 121108 | 20.922 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.057 | 196 | 167446 | 21.494 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.092 | 196 | 189956 | 21.334 | ng | | 93 |
| 46) 1,1'-Biphenyl | 9.251 | 154 | 698066 | 21.930 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.269 | 162 | 518370 | 21.733 | ng | | 99 |
| 48) 2-Nitroaniline | 9.363 | 65 | 133908 | 19.986 | ng | | 97 |
| 49) Acenaphthylene | 9.686 | 152 | 822058 | 21.926 | ng | | 99 |
| 50) Dimethylphthalate | 9.551 | 163 | 596997 | 21.398 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.610 | 165 | 107097 | 20.256 | ng | | 92 |
| 52) Acenaphthene | 9.857 | 154 | 529808 | 21.806 | ng | | 98 |
| 53) 3-Nitroaniline | 9.775 | 138 | 129663 | 20.851 | ng | # | 86 |
| 54) 2,4-Dinitrophenol | 9.875 | 184 | 22881 | 19.302 | ng | # | 87 |
| 55) Dibenzofuran | 10.033 | 168 | 757752 | 21.908 | ng | | 94 |
| 56) 4-Nitrophenol | 9.922 | 139 | 99812 | 19.625 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 10.010 | 165 | 122077 | 19.481 | ng | # | 93 |
| 58) Fluorene | 10.375 | 166 | 568956 | 22.584 | ng | | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232 | 149694m | 21.215 | ng | | |
| 60) Diethylphthalate | 10.257 | 149 | 571313 | 21.604 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204 | 277586 | 22.416 | ng | | 98 |
| 62) 4-Nitroaniline | 10.386 | 138 | 125673 | 20.618 | ng | | 88 |
| 63) Azobenzene | 10.527 | 77 | 614950 | 21.643 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198 | 39668 | 19.547 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.486 | 169 | 514687 | 21.829 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248 | 176965 | 21.823 | ng | | 94 |
| 68) Hexachlorobenzene | 10.916 | 284 | 185898 | 21.709 | ng | | 98 |
| 69) Atrazine | 11.016 | 200 | 141421 | 22.253 | ng | | 98 |
| 70) Pentachlorophenol | 11.110 | 266 | 114893 | 21.670 | ng | | 97 |
| 71) Phenanthrene | 11.333 | 178 | 871757 | 22.156 | ng | | 99 |
| 72) Anthracene | 11.386 | 178 | 895442 | 22.280 | ng | | 99 |
| 73) Carbazole | 11.545 | 167 | 790109 | 22.017 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.886 | 149 | 855704 | 22.445 | ng | | 99 |
| 75) Fluoranthene | 12.527 | 202 | 920495 | 22.147 | ng | | 98 |
| 77) Benzidine | 12.651 | 184 | 231288 | 18.975 | ng | | 99 |
| 78) Pyrene | 12.751 | 202 | 969134 | 19.946 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.386 | 149 | 320565 | 19.512 | ng | | 90 |
| 81) Benzo(a)anthracene | 13.945 | 228 | 832327 | 20.731 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.915 | 252 | 246053 | 21.143 | ng | | 97 |
| 83) Chrysene | 13.980 | 228 | 807039 | 20.632 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149 | 399195 | 20.647 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.568 | 149 | 585250 | 19.905 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 16.874 | 276 | 543611 | 18.726 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 14.986 | 252 | 670528 | 22.274 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 15.015 | 252 | 639919 | 21.339 | ng | # | 98 |
| 90) Benzo(a)pyrene | 15.351 | 252 | 581255 | 20.709 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 16.898 | 278 | 438812 | 18.705 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 17.315 | 276 | 442511 | 18.491 | ng | # | 91 |

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

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