Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
Data File : BF131319.D
Acq On : 21 Nov 2022 17:42
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 05:33:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

11/22/2022
Supervised By :Jagrut Upadhyay

11/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.969 | 152 | 133681 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.263 | 136 | 472856 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 10.027 | 164 | 265524 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.521 | 188 | 451716 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.180 | 240 | 272341 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.721 | 264 | 226179 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.569 | 112 | 538458 | 76.660 | ng | 0.00 |
| 7) Phenol-d6 | 6.586 | 99 | 678867 | 75.752 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.539 | 82 | 713220 | 76.032 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.822 | 330 | 182629 | 81.754 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.339 | 172 | 1298244 | 71.131 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.115 | 244 | 1266296 | 76.034 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.787 | 88 | 124931 | 37.308 | ng | 99 |
| 3) Pyridine | 3.551 | 79 | 350674 | 37.714 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.528 | 42 | 207960 | 37.926 | ng | 99 |
| 6) Aniline | 6.634 | 93 | 434825m | 37.022 | ng | |
| 8) 2-Chlorophenol | 6.751 | 128 | 306477 | 38.514 | ng | 99 |
| 9) Benzaldehyde | 6.522 | 77 | 216206 | 39.029 | ng | 93 |
| 10) Phenol | 6.598 | 94 | 377770 | 38.020 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.704 | 93 | 309589 | 37.189 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 347480 | 36.639 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.986 | 146 | 351878 | 36.514 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.139 | 146 | 324122 | 36.528 | ng | 97 |
| 15) Benzyl Alcohol | 7.110 | 79 | 283008 | 38.514 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.245 | 45 | 581112 | 36.500 | ng | 99 |
| 17) 2-Methylphenol | 7.210 | 107 | 262980 | 38.774 | ng | 99 |
| 18) Hexachloroethane | 7.486 | 117 | 131916 | 38.266 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.386 | 70 | 240593 | 36.673 | ng | 99 |
| 20) 3+4-Methylphenols | 7.369 | 107 | 324639 | 37.488 | ng | 97 |
| 22) Acetophenone | 7.381 | 105 | 442702 | 36.781 | ng | 99 |
| 24) Nitrobenzene | 7.557 | 77 | 365720 | 37.420 | ng | 100 |
| 25) Isophorone | 7.798 | 82 | 628203 | 37.537 | ng | 98 |
| 26) 2-Nitrophenol | 7.875 | 139 | 135497 | 42.403 | ng | 91 |
| 27) 2,4-Dimethylphenol | 7.904 | 122 | 267293 | 41.199 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 8.004 | 93 | 352280 | 37.061 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.110 | 162 | 278578 | 39.585 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.198 | 180 | 319602 | 36.660 | ng | 99 |
| 31) Naphthalene | 8.280 | 128 | 920156 | 36.517 | ng | 100 |
| 32) Benzoic acid | 8.022 | 122 | 148782 | 39.620 | ng | 86 |
| 33) 4-Chloroaniline | 8.328 | 127 | 356944 | 35.906 | ng | 99 |
| 34) Hexachlorobutadiene | 8.398 | 225 | 214540 | 38.004 | ng | 98 |
| 35) Caprolactam | 8.710 | 113 | 76665 | 41.457 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 8.804 | 107 | 287393 | 39.307 | ng | 94 |
| 37) 2-Methylnaphthalene | 8.975 | 142 | 620507 | 36.344 | ng | 98 |
| 38) 1-Methylnaphthalene | 9.075 | 142 | 597061 | 36.063 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.139 | 216 | 315399 | 36.604 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.127 | 237 | 156029 | 40.281 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.251 | 196 | 198900 | 40.691 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.286 | 196 | 217528 | 39.575 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.445 | 154 | 739859 | 36.513 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.469 | 162 | 595530 | 36.638 | ng | | 98 |
| 48) 2-Nitroaniline | 9.563 | 65 | 202449 | 41.020 | ng | | 96 |
| 49) Acenaphthylene | 9.886 | 152 | 895425 | 36.137 | ng | | 99 |
| 50) Dimethylphthalate | 9.745 | 163 | 695885 | 37.615 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.810 | 165 | 144154 | 38.963 | ng | # | 79 |
| 52) Acenaphthene | 10.063 | 154 | 565411 | 36.441 | ng | | 99 |
| 53) 3-Nitroaniline | 9.980 | 138 | 143295 | 37.692 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 10.074 | 184 | 54839 | 42.285 | ng | | 98 |
| 55) Dibenzofuran | 10.233 | 168 | 797493 | 35.726 | ng | | 99 |
| 56) 4-Nitrophenol | 10.122 | 139 | 109387 | 41.459 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.210 | 165 | 185743 | 39.901 | ng | | 98 |
| 58) Fluorene | 10.580 | 166 | 617305 | 35.434 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.345 | 232 | 188423 | 41.163 | ng | | 98 |
| 60) Diethylphthalate | 10.445 | 149 | 659736 | 37.768 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.569 | 204 | 317439 | 35.544 | ng | | 96 |
| 62) 4-Nitroaniline | 10.598 | 138 | 141641 | 37.436 | ng | | 99 |
| 63) Azobenzene | 10.727 | 77 | 672404 | 35.799 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.622 | 198 | 77860 | 41.933 | ng | # | 76 |
| 66) n-Nitrosodiphenylamine | 10.686 | 169 | 540461 | 37.548 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.063 | 248 | 207498 | 37.479 | ng | | 99 |
| 68) Hexachlorobenzene | 11.121 | 284 | 219574 | 37.368 | ng | | 97 |
| 69) Atrazine | 11.216 | 200 | 175165 | 39.525 | ng | | 99 |
| 70) Pentachlorophenol | 11.316 | 266 | 125669m | 39.440 | ng | | |
| 71) Phenanthrene | 11.551 | 178 | 888641 | 36.402 | ng | | 99 |
| 72) Anthracene | 11.598 | 178 | 884312 | 36.859 | ng | | 99 |
| 73) Carbazole | 11.751 | 167 | 756125 | 36.947 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.080 | 149 | 966261 | 40.069 | ng | | 99 |
| 75) Fluoranthene | 12.745 | 202 | 934599 | 36.332 | ng | | 98 |
| 77) Benzidine | 12.863 | 184 | 162507 | 32.304 | ng | | 99 |
| 78) Pyrene | 12.974 | 202 | 927995 | 38.621 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.592 | 149 | 329709 | 41.409 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.168 | 228 | 697445 | 37.361 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.133 | 252 | 194640 | 39.293 | ng | # | 97 |
| 83) Chrysene | 14.210 | 228 | 676055 | 36.913 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.157 | 149 | 421293 | 39.952 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.786 | 149 | 612888 | 41.867 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.303 | 276 | 610071 | 40.160 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.262 | 252 | 553176 | 36.816 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.292 | 252 | 576041 | 37.306 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.656 | 252 | 471469 | 38.241 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.327 | 278 | 504127 | 40.196 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.786 | 276 | 499989 | 39.943 | ng | | 98 |

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

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