Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133668.D
Acq On : 09 Jun 2023 11:00
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 13:52:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 13:43:42 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.840 | 152 | 103939 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.122 | 136 | 446531 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.881 | 164 | 223724 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.369 | 188 | 410506 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.016 | 240 | 227203 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.480 | 264 | 185556 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.451 | 112 | 476616 | 79.830 | ng | 0.00 |
| 7) Phenol-d6 | 6.469 | 99 | 599067 | 77.085 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.410 | 82 | 577163 | 70.401 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.675 | 330 | 211050 | 74.525 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.204 | 172 | 1061158 | 67.425 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.957 | 244 | 1168015 | 79.547 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.575 | 88 | 106124 | 40.431 | ng | 100 |
| 3) Pyridine | 3.316 | 79 | 324156 | 42.370 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.287 | 42 | 184305 | 43.581 | ng | 100 |
| 6) Aniline | 6.504 | 93 | 383644 | 39.194 | ng | 100 |
| 8) 2-Chlorophenol | 6.622 | 128 | 245148 | 38.963 | ng | 100 |
| 9) Benzaldehyde | 6.393 | 77 | 181810 | 35.262 | ng | 100 |
| 10) Phenol | 6.487 | 94 | 316778 | 39.036 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.581 | 93 | 236085 | 39.188 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.781 | 146 | 264350 | 39.323 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.857 | 146 | 272135 | 40.052 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.010 | 146 | 249416 | 40.625 | ng | 100 |
| 15) Benzyl Alcohol | 6.981 | 79 | 244972 | 40.359 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116 | 45 | 412127 | 40.356 | ng | 100 |
| 17) 2-Methylphenol | 7.093 | 107 | 222369 | 39.874 | ng | 100 |
| 18) Hexachloroethane | 7.351 | 117 | 95001 | 40.841 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.257 | 70 | 190571 | 38.541 | ng | 100 |
| 20) 3+4-Methylphenols | 7.245 | 107 | 275704 | 38.927 | ng | 100 |
| 22) Acetophenone | 7.251 | 105 | 349321 | 34.109 | ng | 100 |
| 24) Nitrobenzene | 7.428 | 77 | 294474 | 35.672 | ng | 100 |
| 25) Isophorone | 7.663 | 82 | 528370 | 35.105 | ng | 100 |
| 26) 2-Nitrophenol | 7.740 | 139 | 133395 | 36.006 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.775 | 122 | 226602 | 35.486 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.875 | 93 | 302435 | 34.767 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.981 | 162 | 220374 | 35.213 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.063 | 180 | 250794 | 38.409 | ng | 100 |
| 31) Naphthalene | 8.145 | 128 | 835946 | 38.426 | ng | 100 |
| 32) Benzoic acid | 7.892 | 122 | 151732m | 37.461 | ng | |
| 33) 4-Chloroaniline | 8.192 | 127 | 359913 | 38.692 | ng | 100 |
| 34) Hexachlorobutadiene | 8.257 | 225 | 165128 | 38.626 | ng | 100 |
| 35) Caprolactam | 8.575 | 113 | 85551 | 40.621 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.675 | 107 | 283845 | 39.348 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.839 | 142 | 574027 | 37.976 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.934 | 142 | 537079 | 38.613 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.004 | 216 | 244509 | 35.950 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.987 | 237 | 112420 | 37.091 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.110 | 196 | 172257 | 37.901 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.151 | 196 | 199301 | 37.693 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.304 | 154 | 615969 | 34.138 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.328 | 162 | 446448 | 34.493 | ng | 100 |
| 48) 2-Nitroaniline | 9.422 | 65 | 178926 | 37.799 | ng | 100 |
| 49) Acenaphthylene | 9.745 | 152 | 875142 | 38.848 | ng | 100 |
| 50) Dimethylphthalate | 9.604 | 163 | 638382 | 38.228 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.669 | 165 | 139866 | 40.578 | ng | 100 |
| 52) Acenaphthene | 9.916 | 154 | 515223 | 39.073 | ng | 100 |
| 53) 3-Nitroaniline | 9.839 | 138 | 168516 | 40.174 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.939 | 184 | 60392 | 39.009 | ng | 100 |
| 55) Dibenzofuran | 10.086 | 168 | 761862 | 37.865 | ng | 100 |
| 56) 4-Nitrophenol | 9.992 | 139 | 116993 | 41.327 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.069 | 165 | 172631 | 39.380 | ng | 100 |
| 58) Fluorene | 10.434 | 166 | 513813 | 33.393 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232 | 137426 | 34.715 | ng | 100 |
| 60) Diethylphthalate | 10.304 | 149 | 624240 | 36.729 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204 | 252581 | 33.252 | ng | 100 |
| 62) 4-Nitroaniline | 10.451 | 138 | 144980 | 35.252 | ng | 100 |
| 63) Azobenzene | 10.581 | 77 | 603687 | 37.521 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.481 | 198 | 78134 | 39.832 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.539 | 169 | 522717 | 37.908 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248 | 179449 | 39.166 | ng | 100 |
| 68) Hexachlorobenzene | 10.975 | 284 | 188537 | 39.131 | ng | 100 |
| 69) Atrazine | 11.069 | 200 | 153443 | 38.353 | ng | 100 |
| 70) Pentachlorophenol | 11.169 | 266 | 118333 | 41.015 | ng | 100 |
| 71) Phenanthrene | 11.392 | 178 | 803884 | 38.598 | ng | 100 |
| 72) Anthracene | 11.445 | 178 | 827177 | 38.091 | ng | 100 |
| 73) Carbazole | 11.598 | 167 | 641237 | 32.922 | ng | 100 |
| 74) Di-n-butylphthalate | 11.933 | 149 | 916664 | 35.353 | ng | 100 |
| 75) Fluoranthene | 12.586 | 202 | 793936 | 35.897 | ng | 100 |
| 77) Benzidine | 12.704 | 184 | 322039 | 42.240 | ng | 100 |
| 78) Pyrene | 12.816 | 202 | 841765 | 39.772 | ng | 100 |
| 80) Butylbenzylphthalate | 13.433 | 149 | 348666 | 39.022 | ng | 100 |
| 81) Benzo(a)anthracene | 14.004 | 228 | 598195 | 38.063 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.969 | 252 | 198655 | 38.021 | ng | 100 |
| 83) Chrysene | 14.039 | 228 | 576229 | 38.766 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149 | 416487 | 37.857 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.604 | 149 | 593909 | 37.988 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 454822 | 35.628 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.051 | 252 | 449451 | 39.874 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.080 | 252 | 451657 | 41.135 | ng | 100 |
| 90) Benzo(a)pyrene | 15.416 | 252 | 418537 | 40.009 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.968 | 278 | 376262 | 35.602 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.392 | 276 | 369173 | 35.231 | ng | 100 |

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

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