Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134433.D
Acq On : 24 Jul 2023 17:10
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 25 01:39:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:30:14 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.834 | 152 | 58238 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.116 | 136 | 204401 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.875 | 164 | 100211 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.369 | 188 | 208789 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 154977 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 134882 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 426811 | 121.085 | ng | 0.00 |
| 7) Phenol-d6 | 6.487 | 99 | 508927 | 117.843 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.404 | 82 | 492136 | 121.816 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.669 | 330 | 175793 | 123.466 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.192 | 172 | 901430 | 118.090 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.968 | 244 | 1097721 | 123.647 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.587 | 88 | 90922 | 60.812 | ng | 99 |
| 3) Pyridine | 3.375 | 79 | 213355 | 63.680 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.351 | 42 | 129164 | 65.124 | ng | 89 |
| 6) Aniline | 6.510 | 93 | 300336 | 59.005 | ng | 98 |
| 8) 2-Chlorophenol | 6.628 | 128 | 209801 | 58.752 | ng | 96 |
| 9) Benzaldehyde | 6.392 | 77 | 120627 | 52.157 | ng | 98 |
| 10) Phenol | 6.498 | 94 | 267854 | 59.611 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 6.581 | 93 | 190201 | 60.635 | ng | 95 |
| 12) 1,3-Dichlorobenzene | 6.775 | 146 | 228949 | 59.622 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.851 | 146 | 231071 | 58.473 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 7.004 | 146 | 218578 | 58.883 | ng | 99 |
| 15) Benzyl Alcohol | 6.986 | 79 | 203191 | 61.538 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110 | 45 | 275850 | 59.715 | ng | 96 |
| 17) 2-Methylphenol | 7.098 | 107 | 185620 | 58.284 | ng | 96 |
| 18) Hexachloroethane | 7.339 | 117 | 89360 | 58.859 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.251 | 70 | 154736 | 57.555 | ng | 99 |
| 20) 3+4-Methylphenols | 7.251 | 107 | 233625 | 57.295 | ng | 96 |
| 22) Acetophenone | 7.251 | 105 | 300294 | 59.073 | ng | 97 |
| 24) Nitrobenzene | 7.428 | 77 | 245857 | 61.192 | ng | 98 |
| 25) Isophorone | 7.657 | 82 | 406179 | 60.326 | ng | 97 |
| 26) 2-Nitrophenol | 7.733 | 139 | 113362 | 61.345 | ng | 92 |
| 27) 2,4-Dimethylphenol | 7.775 | 122 | 172157 | 59.034 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.869 | 93 | 227481 | 60.698 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.981 | 162 | 175171 | 60.088 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.057 | 180 | 187420 | 59.601 | ng | 96 |
| 31) Naphthalene | 8.139 | 128 | 610614 | 60.025 | ng | 99 |
| 32) Benzoic acid | 7.916 | 122 | 129358m | 67.174 | ng | |
| 33) 4-Chloroaniline | 8.192 | 127 | 247161 | 58.779 | ng | 95 |
| 34) Hexachlorobutadiene | 8.245 | 225 | 125227 | 59.445 | ng | 96 |
| 35) Caprolactam | 8.581 | 113 | 54842m | 61.642 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.680 | 107 | 203880 | 60.611 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.828 | 142 | 417896 | 59.123 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.928 | 142 | 387757 | 59.135 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.998 | 216 | 195905 | 61.689 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 57920 | 60.445 | ng | 93 |
| 43) 2,4,6-Trichlorophenol | 9.110 | 196 | 123155 | 60.451 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.157 | 196 | 146820 | 61.855 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.298 | 154 | 493637 | 59.767 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.322 | 162 | 367145 | 60.297 | ng | | 98 |
| 48) 2-Nitroaniline | 9.428 | 65 | 138375 | 63.101 | ng | | 91 |
| 49) Acenaphthylene | 9.739 | 152 | 623478 | 60.610 | ng | | 99 |
| 50) Dimethylphthalate | 9.598 | 163 | 454198 | 61.141 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.669 | 165 | 100818 | 61.851 | ng | | 93 |
| 52) Acenaphthene | 9.910 | 154 | 365699 | 60.181 | ng | | 100 |
| 53) 3-Nitroaniline | 9.839 | 138 | 113136 | 60.537 | ng | | 85 |
| 54) 2,4-Dinitrophenol | 9.951 | 184 | 50184 | 60.434 | ng | # | 85 |
| 55) Dibenzofuran | 10.080 | 168 | 562820 | 60.178 | ng | | 99 |
| 56) 4-Nitrophenol | 10.010 | 139 | 66644 | 66.870 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 10.080 | 165 | 136710 | 62.443 | ng | # | 95 |
| 58) Fluorene | 10.427 | 166 | 454878 | 60.288 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232 | 113146m | 61.809 | ng | | |
| 60) Diethylphthalate | 10.298 | 149 | 470143 | 61.128 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204 | 215354 | 59.750 | ng | | 94 |
| 62) 4-Nitroaniline | 10.463 | 138 | 119926m | 62.570 | ng | | |
| 63) Azobenzene | 10.580 | 77 | 433606 | 61.249 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 76818 | 64.140 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.539 | 169 | 392021 | 59.015 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248 | 135842 | 59.382 | ng | | 96 |
| 68) Hexachlorobenzene | 10.980 | 284 | 151755 | 58.911 | ng | # | 91 |
| 69) Atrazine | 11.069 | 200 | 104181 | 56.253 | ng | | 98 |
| 70) Pentachlorophenol | 11.174 | 266 | 70689 | 65.388 | ng | | 98 |
| 71) Phenanthrene | 11.398 | 178 | 641980 | 58.849 | ng | | 99 |
| 72) Anthracene | 11.451 | 178 | 673764 | 59.841 | ng | | 99 |
| 73) Carbazole | 11.610 | 167 | 636850 | 60.066 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.933 | 149 | 722560 | 59.368 | ng | | 100 |
| 75) Fluoranthene | 12.592 | 202 | 751451 | 59.106 | ng | | 99 |
| 77) Benzidine | 12.716 | 184 | 171797 | 51.917 | ng | | 98 |
| 78) Pyrene | 12.827 | 202 | 766031 | 62.165 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.445 | 149 | 309438 | 62.690 | ng | | 94 |
| 81) Benzo(a)anthracene | 14.021 | 228 | 653508 | 60.440 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.986 | 252 | 196370 | 57.341 | ng | | 98 |
| 83) Chrysene | 14.062 | 228 | 605382 | 58.537 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149 | 365894 | 61.016 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.621 | 149 | 504866 | 60.583 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.092 | 276 | 603041 | 68.435 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 515888 | 61.137 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 491907 | 59.262 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 473981 | 60.769 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.103 | 278 | 490124 | 68.873 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.568 | 276 | 507906 | 69.509 | ng | | 98 |

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

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