Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130582.D
Acq On : 07 Oct 2022 19:08
Operator : CG\JU
Sample : N5018-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 10 01:44:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2-T-3-(5-10)MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

10/10/2022
Supervised By :Jagrut Upadhyay

10/10/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.616 | 152 | 82221 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.898 | 136 | 308950 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.645 | 164 | 175152 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.122 | 188 | 256469 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.757 | 240 | 172003 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.139 | 264 | 239956 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.222 | 112 | 673157 | 142.003 | ng | | 0.00 |
| 7) Phenol-d6 | 6.263 | 99 | 799514 | 134.794 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.187 | 82 | 429242 | 70.980 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.433 | 330 | 164543 | 98.042 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 8.975 | 172 | 845482 | 70.292 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.710 | 244 | 758794 | 73.076 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.240 | 88 | 118055 | 54.226 | ng | | 99 |
| 3) Pyridine | 2.910 | 79 | 251772 | 44.332 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 2.869 | 42 | 136362 | 44.147 | ng | | 84 |
| 6) Aniline | 6.281 | 93 | 341160 | 46.682 | ng | # | 46 |
| 8) 2-Chlorophenol | 6.398 | 128 | 310135 | 57.433 | ng | | 97 |
| 9) Benzaldehyde | 6.163 | 77 | 143876 | 36.213 | ng | | 94 |
| 10) Phenol | 6.281 | 94 | 369627 | 53.176 | ng | # | 75 |
| 11) bis(2-Chloroethyl)ether | 6.357 | 93 | 295886 | 59.016 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.551 | 146 | 282808 | 47.597 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.634 | 146 | 285422 | 47.106 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.781 | 146 | 268710 | 47.473 | ng | | 99 |
| 15) Benzyl Alcohol | 6.769 | 79 | 193327 | 41.109 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 6.898 | 45 | 310183 | 42.418 | ng | | 86 |
| 17) 2-Methylphenol | 6.887 | 107 | 208983 | 47.608 | ng | | 97 |
| 18) Hexachloroethane | 7.122 | 117 | 109828 | 45.984 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.040 | 70 | 172267 | 43.041 | ng | | 91 |
| 20) 3+4-Methylphenols | 7.040 | 107 | 252506 | 44.280 | ng | # | 67 |
| 22) Acetophenone | 7.034 | 105 | 358539 | 47.467 | ng | # | 91 |
| 24) Nitrobenzene | 7.204 | 77 | 264883 | 43.137 | ng | | 93 |
| 25) Isophorone | 7.445 | 82 | 462490 | 47.450 | ng | | 98 |
| 26) 2-Nitrophenol | 7.522 | 139 | 134245 | 53.332 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.563 | 122 | 207600 | 53.563 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.657 | 93 | 293283 | 53.437 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.763 | 162 | 197313 | 46.457 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.839 | 180 | 220921 | 48.111 | ng | | 97 |
| 31) Naphthalene | 7.922 | 128 | 730954 | 45.924 | ng | | 99 |
| 32) Benzoic acid | 7.692 | 122 | 62892 | 20.983 | ng | | 90 |
| 33) 4-Chloroaniline | 7.975 | 127 | 179138 | 29.592 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.034 | 225 | 143438 | 48.877 | ng | | 99 |
| 35) Caprolactam | 8.345 | 113 | 54908m | 45.095 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.469 | 107 | 214332 | 45.528 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.610 | 142 | 479237 | 47.223 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.710 | 142 | 450678 | 46.228 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.775 | 216 | 217870 | 45.580 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.757 | 237 | 173225 | 67.688 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 8.892 | 196 | 131700 | 39.478 | ng | | 95 |

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**Instrument :**
BNA_F
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SASP2-T-3-(5-10)MS

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 8.934 | 196 | 138413 | 38.449 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.075 | 154 | 643322 | 49.179 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.098 | 162 | 495034 | 46.782 | ng | | 95 |
| 48) 2-Nitroaniline | 9.198 | 65 | 138548 | 39.256 | ng | | 94 |
| 49) Acenaphthylene | 9.510 | 152 | 769134 | 48.477 | ng | | 99 |
| 50) Dimethylphthalate | 9.381 | 163 | 544556 | 45.009 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.445 | 165 | 118621 | 46.880 | ng | # | 76 |
| 52) Acenaphthene | 9.681 | 154 | 501634m | 48.121 | ng | | |
| 53) 3-Nitroaniline | 9.610 | 138 | 92374 | 32.763 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.722 | 184 | 87754 | 65.189 | ng | | 91 |
| 55) Dibenzofuran | 9.851 | 168 | 671673 | 46.324 | ng | | 97 |
| 56) 4-Nitrophenol | 9.786 | 139 | 144504 | 70.367 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 9.845 | 165 | 151374 | 46.810 | ng | | 95 |
| 58) Fluorene | 10.192 | 166 | 492419 | 41.526 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 9.975 | 232 | 106647 | 37.849 | ng | | 91 |
| 60) Diethylphthalate | 10.075 | 149 | 509321 | 41.979 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.186 | 204 | 231770 | 44.555 | ng | | 99 |
| 62) 4-Nitroaniline | 10.222 | 138 | 110258m | 38.928 | ng | | |
| 63) Azobenzene | 10.345 | 77 | 483474 | 38.699 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.251 | 198 | 66440 | 46.537 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.310 | 169 | 396338 | 46.245 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.675 | 248 | 137325 | 48.537 | ng | | 96 |
| 68) Hexachlorobenzene | 10.733 | 284 | 152378 | 47.512 | ng | | 94 |
| 69) Atrazine | 10.839 | 200 | 123919 | 49.477 | ng | | 96 |
| 70) Pentachlorophenol | 10.939 | 266 | 116752 | 67.830 | ng | | 99 |
| 71) Phenanthrene | 11.151 | 178 | 773597 | 53.725 | ng | | 100 |
| 72) Anthracene | 11.198 | 178 | 687757 | 49.495 | ng | | 100 |
| 73) Carbazole | 11.363 | 167 | 596914 | 47.599 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.698 | 149 | 761788 | 50.374 | ng | # | 98 |
| 75) Fluoranthene | 12.333 | 202 | 988142 | 71.018 | ng | | 98 |
| 77) Benzidine | 12.463 | 184 | 376599 | 75.424 | ng | | 100 |
| 78) Pyrene | 12.563 | 202 | 927813 | 61.661 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.186 | 149 | 311076 | 55.806 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.745 | 228 | 682686 | 59.662 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.716 | 252 | 149250 | 47.917 | ng | | 99 |
| 83) Chrysene | 13.786 | 228 | 641289 | 59.025 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.745 | 149 | 382514 | 59.909 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.357 | 149 | 711974 | 72.904 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 16.451 | 276 | 904902 | 53.179 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.757 | 252 | 910916 | 58.162 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 14.786 | 252 | 795296 | 51.621 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.086 | 252 | 807503 | 65.080 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.468 | 278 | 726283 | 52.028 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 16.851 | 276 | 747896 | 53.186 | ng | | 98 |

10/10/2022 Supervised By :Jagrut Upadhyay

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

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