Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047330.D
Acq On : 23 Aug 2024 12:49
Operator : RC/JU
Sample : PB162905BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 23 13:25:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB162905BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.351 | 152 | 354570 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.104 | 136 | 1330022 | 20.000 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.016 | 164 | 887399 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 16.780 | 188 | 1865779 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.021 | 240 | 1576984 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 23.709 | 264 | 1490911 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.010 | 112 | 2332325 | 117.537 | ng | -0.01 |
| 7) Phenol-d6 | 6.575 | 99 | 2996931 | 109.607 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.504 | 82 | 1943798 | 73.590 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 1304478 | 126.777 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.622 | 172 | 4520431 | 78.577 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.445 | 244 | 7381420 | 100.297 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.022 | 88 | 232669 | 28.299 | ng | 96 |
| 3) Pyridine | 3.393 | 79 | 615935 | 25.547 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 382429 | 36.306 | ng | 96 |
| 6) Aniline | 6.704 | 93 | 618151 | 23.919 | ng | 97 |
| 8) 2-Chlorophenol | 6.934 | 128 | 962569 | 44.475 | ng | 96 |
| 9) Benzaldehyde | 6.516 | 77 | 267127 | 14.561 | ng | 99 |
| 10) Phenol | 6.598 | 94 | 1117675 | 40.966 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.804 | 93 | 909899 | 38.944 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.240 | 146 | 1049453 | 40.806 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.387 | 146 | 1059259 | 40.679 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.692 | 146 | 1027147 | 41.807 | ng | 99 |
| 15) Benzyl Alcohol | 7.610 | 79 | 845653 | 43.457 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.875 | 45 | 1111544 | 37.075 | ng | 99 |
| 17) 2-Methylphenol | 7.822 | 107 | 764693 | 42.012 | ng | 98 |
| 18) Hexachloroethane | 8.398 | 117 | 401798 | 39.835 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.169 | 70 | 675837 | 36.695 | ng | 97 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 1037295 | 40.764 | ng | 99 |
| 22) Acetophenone | 8.175 | 105 | 1210571 | 37.707 | ng | 98 |
| 24) Nitrobenzene | 8.545 | 77 | 1018599 | 38.297 | ng | 95 |
| 25) Isophorone | 9.069 | 82 | 1924602 | 41.848 | ng | 98 |
| 26) 2-Nitrophenol | 9.245 | 139 | 552105 | 46.872 | ng | 94 |
| 27) 2,4-Dimethylphenol | 9.328 | 122 | 676788 | 49.051 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.551 | 93 | 1192705 | 41.215 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.781 | 162 | 1003969 | 49.039 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 9.975 | 180 | 1026300 | 44.297 | ng | 99 |
| 31) Naphthalene | 10.157 | 128 | 2724231 | 41.116 | ng | 100 |
| 32) Benzoic acid | 9.539 | 122 | 685722 | 42.776 | ng | 97 |
| 33) 4-Chloroaniline | 10.286 | 127 | 675439 | 26.509 | ng | 99 |
| 34) Hexachlorobutadiene | 10.439 | 225 | 631388 | 46.560 | ng | 99 |
| 35) Caprolactam | 11.110 | 113 | 292291m | 41.111 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.445 | 107 | 961129 | 44.082 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.786 | 142 | 1984115 | 42.059 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.010 | 142 | 1851513 | 39.712 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.169 | 216 | 1043244 | 43.102 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.139 | 237 | 930691 | 110.117 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.427 | 196 | 826341 | 48.033 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.522 | 196 | 835325 | 43.732 | ng | | 97 |
| 46) 1,1'-Biphenyl | 12.833 | 154 | 2414953 | 38.226 | ng | | 99 |
| 47) 2-Chloronaphthalene | 12.869 | 162 | 1996007 | 40.423 | ng | | 99 |
| 48) 2-Nitroaniline | 13.098 | 65 | 636551 | 41.149 | ng | | 97 |
| 49) Acenaphthylene | 13.733 | 152 | 3249325 | 44.643 | ng | | 100 |
| 50) Dimethylphthalate | 13.498 | 163 | 2697386 | 43.523 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 610278 | 42.123 | ng | | 90 |
| 52) Acenaphthene | 14.080 | 154 | 1880229 | 40.724 | ng | | 99 |
| 53) 3-Nitroaniline | 13.951 | 138 | 487728 | 33.596 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.168 | 184 | 812942 | 93.622 | ng | | 90 |
| 55) Dibenzofuran | 14.421 | 168 | 3092030 | 42.399 | ng | | 98 |
| 56) 4-Nitrophenol | 14.304 | 139 | 983359 | 78.553 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.421 | 165 | 815840 | 42.189 | ng | | 96 |
| 58) Fluorene | 15.074 | 166 | 2494564 | 41.457 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.663 | 232 | 767205 | 48.871 | ng | | 92 |
| 60) Diethylphthalate | 14.880 | 149 | 2654429 | 41.941 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.080 | 204 | 1271078 | 44.370 | ng | | 93 |
| 62) 4-Nitroaniline | 15.127 | 138 | 548449 | 38.347 | ng | | 95 |
| 63) Azobenzene | 15.374 | 77 | 2359574 | 39.320 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 539231 | 49.363 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.304 | 169 | 2232809 | 43.936 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 15.980 | 248 | 838932 | 46.662 | ng | | 95 |
| 68) Hexachlorobenzene | 16.086 | 284 | 952242 | 44.223 | ng | | 95 |
| 69) Atrazine | 16.280 | 200 | 706379 | 46.192 | ng | | 97 |
| 70) Pentachlorophenol | 16.445 | 266 | 1264004 | 83.742 | ng | | 98 |
| 71) Phenanthrene | 16.821 | 178 | 4022533 | 42.959 | ng | | 100 |
| 72) Anthracene | 16.909 | 178 | 4029394 | 44.226 | ng | | 100 |
| 73) Carbazole | 17.198 | 167 | 3882802 | 41.739 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.774 | 149 | 4781827 | 44.177 | ng | | 100 |
| 75) Fluoranthene | 18.856 | 202 | 4869674 | 42.757 | ng | | 99 |
| 77) Benzidine | 19.062 | 184 | 584389 | 21.852 | ng | | 99 |
| 78) Pyrene | 19.221 | 202 | 5036853 | 44.732 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.162 | 149 | 2202946 | 47.940 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 4645055 | 44.370 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 1363800 | 41.636 | ng | | 99 |
| 83) Chrysene | 21.062 | 228 | 4317188 | 43.465 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.962 | 149 | 3056505 | 46.902 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 21.986 | 149 | 5379315 | 48.564 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.709 | 276 | 4237012 | 43.966 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.874 | 252 | 4475863 | 50.552 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.933 | 252 | 4196373 | 50.178 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.591 | 252 | 3907679 | 50.948 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.756 | 278 | 3419577 | 43.847 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.638 | 276 | 3284266 | 40.560 | ng | | 99 |

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

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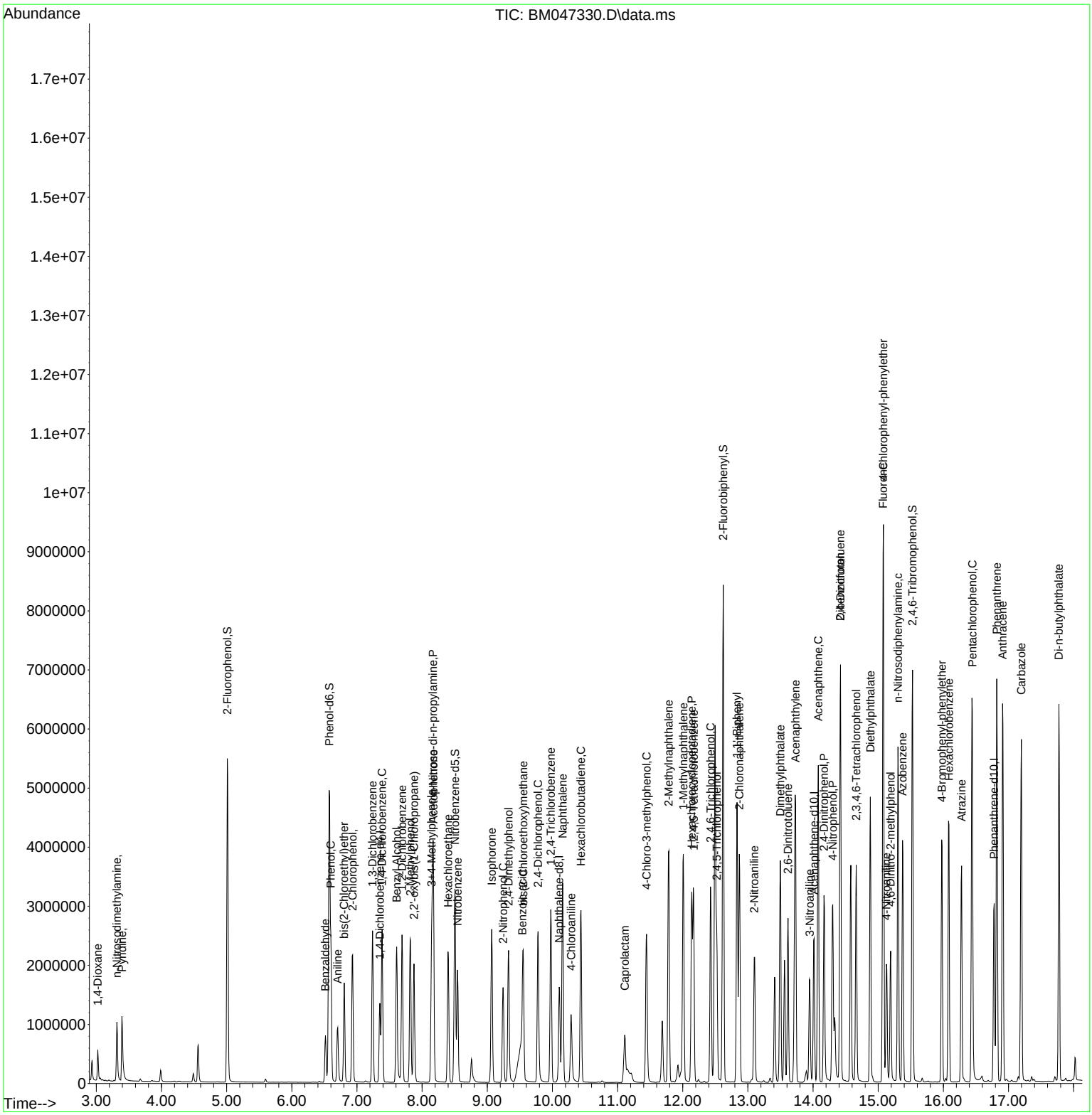

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