Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047294.D
Acq On : 21 Aug 2024 12:23
Operator : RC/JU
Sample : PB162782BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 21 13:13:35 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 :**
PB162782BS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.357 | 152 | 273970 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.110 | 136 | 1001762 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.016 | 164 | 596135 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 16.780 | 188 | 1074058 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.021 | 240 | 757446 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 23.715 | 264 | 970514 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.016 | 112 | 1775463 | 115.796 | ng | | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 2218389 | 105.002 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.504 | 82 | 1494572 | 75.124 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 802580 | 116.109 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.622 | 172 | 3311592 | 85.689 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.451 | 244 | 3656563 | 103.442 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.028 | 88 | 200404 | 31.545 | ng | | 97 |
| 3) Pyridine | 3.399 | 79 | 544520 | 29.230 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 289652 | 35.588 | ng | | 98 |
| 6) Aniline | 6.704 | 93 | 783679 | 39.245 | ng | | 100 |
| 8) 2-Chlorophenol | 6.934 | 128 | 708647 | 42.376 | ng | | 98 |
| 9) Benzaldehyde | 6.522 | 77 | 355128 | 28.667 | ng | | 99 |
| 10) Phenol | 6.598 | 94 | 803993 | 38.138 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.810 | 93 | 682852 | 37.824 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.245 | 146 | 786760 | 39.591 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.392 | 146 | 802103 | 39.866 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.698 | 146 | 771890 | 40.660 | ng | | 99 |
| 15) Benzyl Alcohol | 7.610 | 79 | 610756m | 40.619 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.881 | 45 | 882444 | 38.092 | ng | | 99 |
| 17) 2-Methylphenol | 7.822 | 107 | 559135 | 39.756 | ng | | 98 |
| 18) Hexachloroethane | 8.404 | 117 | 310944 | 39.897 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.169 | 70 | 501560 | 35.244 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 747109 | 37.998 | ng | | 97 |
| 22) Acetophenone | 8.175 | 105 | 959478 | 39.679 | ng | # | 99 |
| 24) Nitrobenzene | 8.545 | 77 | 780990 | 38.985 | ng | | 97 |
| 25) Isophorone | 9.069 | 82 | 1393347 | 40.224 | ng | | 98 |
| 26) 2-Nitrophenol | 9.245 | 139 | 402152 | 45.329 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.328 | 122 | 545445 | 52.485 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.557 | 93 | 887329 | 40.710 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.781 | 162 | 697081 | 45.207 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.981 | 180 | 751522 | 43.066 | ng | | 99 |
| 31) Naphthalene | 10.163 | 128 | 2024084 | 40.559 | ng | | 100 |
| 32) Benzoic acid | 9.510 | 122 | 439326 | 36.386 | ng | | 97 |
| 33) 4-Chloroaniline | 10.286 | 127 | 517132 | 26.947 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.445 | 225 | 478004 | 46.800 | ng | | 100 |
| 35) Caprolactam | 11.098 | 113 | 188788 | 35.255 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.439 | 107 | 649748 | 39.566 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.786 | 142 | 1435326 | 40.395 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.010 | 142 | 1334074 | 37.990 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.169 | 216 | 783298 | 48.174 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.145 | 237 | 1008633 | 177.647 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.433 | 196 | 543369 | 47.016 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.510 | 196 | 574461 | 44.769 | ng | 96 |
| 46) 1,1'-Biphenyl | 12.833 | 154 | 1832025 | 43.168 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.869 | 162 | 1418402 | 42.760 | ng | 99 |
| 48) 2-Nitroaniline | 13.098 | 65 | 409258 | 39.382 | ng | 98 |
| 49) Acenaphthylene | 13.733 | 152 | 2188270 | 44.754 | ng | 100 |
| 50) Dimethylphthalate | 13.498 | 163 | 1737260 | 41.726 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 385068 | 39.565 | ng | 89 |
| 52) Acenaphthene | 14.080 | 154 | 1327953 | 42.816 | ng | 99 |
| 53) 3-Nitroaniline | 13.945 | 138 | 277533 | 28.457 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.169 | 184 | 472368 | 80.979 | ng | 92 |
| 55) Dibenzofuran | 14.421 | 168 | 2059062 | 42.030 | ng | 99 |
| 56) 4-Nitrophenol | 14.292 | 139 | 567384 | 67.468 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.416 | 165 | 487653 | 37.539 | ng | 97 |
| 58) Fluorene | 15.080 | 166 | 1624871 | 40.197 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.663 | 232 | 466329 | 44.219 | ng | 94 |
| 60) Diethylphthalate | 14.880 | 149 | 1654768 | 38.921 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.086 | 204 | 809874 | 42.084 | ng | 95 |
| 62) 4-Nitroaniline | 15.121 | 138 | 316572 | 32.949 | ng | 98 |
| 63) Azobenzene | 15.380 | 77 | 1527395 | 37.889 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 288412 | 45.864 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 15.304 | 169 | 1386360 | 47.389 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 15.980 | 248 | 511680 | 49.439 | ng | 98 |
| 68) Hexachlorobenzene | 16.086 | 284 | 578429 | 46.664 | ng | 96 |
| 69) Atrazine | 16.280 | 200 | 484535 | 55.041 | ng | 98 |
| 70) Pentachlorophenol | 16.439 | 266 | 720850 | 82.961 | ng | 99 |
| 71) Phenanthrene | 16.821 | 178 | 2340362 | 43.418 | ng | 99 |
| 72) Anthracene | 16.915 | 178 | 2393667 | 45.639 | ng | 100 |
| 73) Carbazole | 17.198 | 167 | 2113771 | 39.472 | ng | 99 |
| 74) Di-n-butylphthalate | 17.780 | 149 | 2549121 | 40.910 | ng | 99 |
| 75) Fluoranthene | 18.856 | 202 | 2438066 | 37.186 | ng | 99 |
| 77) Benzidine | 19.068 | 184 | 1104880 | 86.016 | ng | 99 |
| 78) Pyrene | 19.221 | 202 | 2539918 | 46.963 | ng | 99 |
| 80) Butylbenzylphthalate | 20.162 | 149 | 990772 | 44.889 | ng | 96 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 2270764 | 45.159 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 742353 | 47.185 | ng | 100 |
| 83) Chrysene | 21.062 | 228 | 2118834 | 44.413 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.962 | 149 | 1346782 | 43.027 | ng | 98 |
| 85) Di-n-octyl phthalate | 21.992 | 149 | 2308721 | 43.395 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.709 | 276 | 3243450 | 51.703 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.874 | 252 | 2381435 | 41.319 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.927 | 252 | 2415791 | 44.376 | ng | 99 |
| 90) Benzo(a)pyrene | 23.591 | 252 | 2392799 | 47.926 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.756 | 278 | 2565614 | 50.537 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.638 | 276 | 2535964 | 48.112 | ng | 99 |

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

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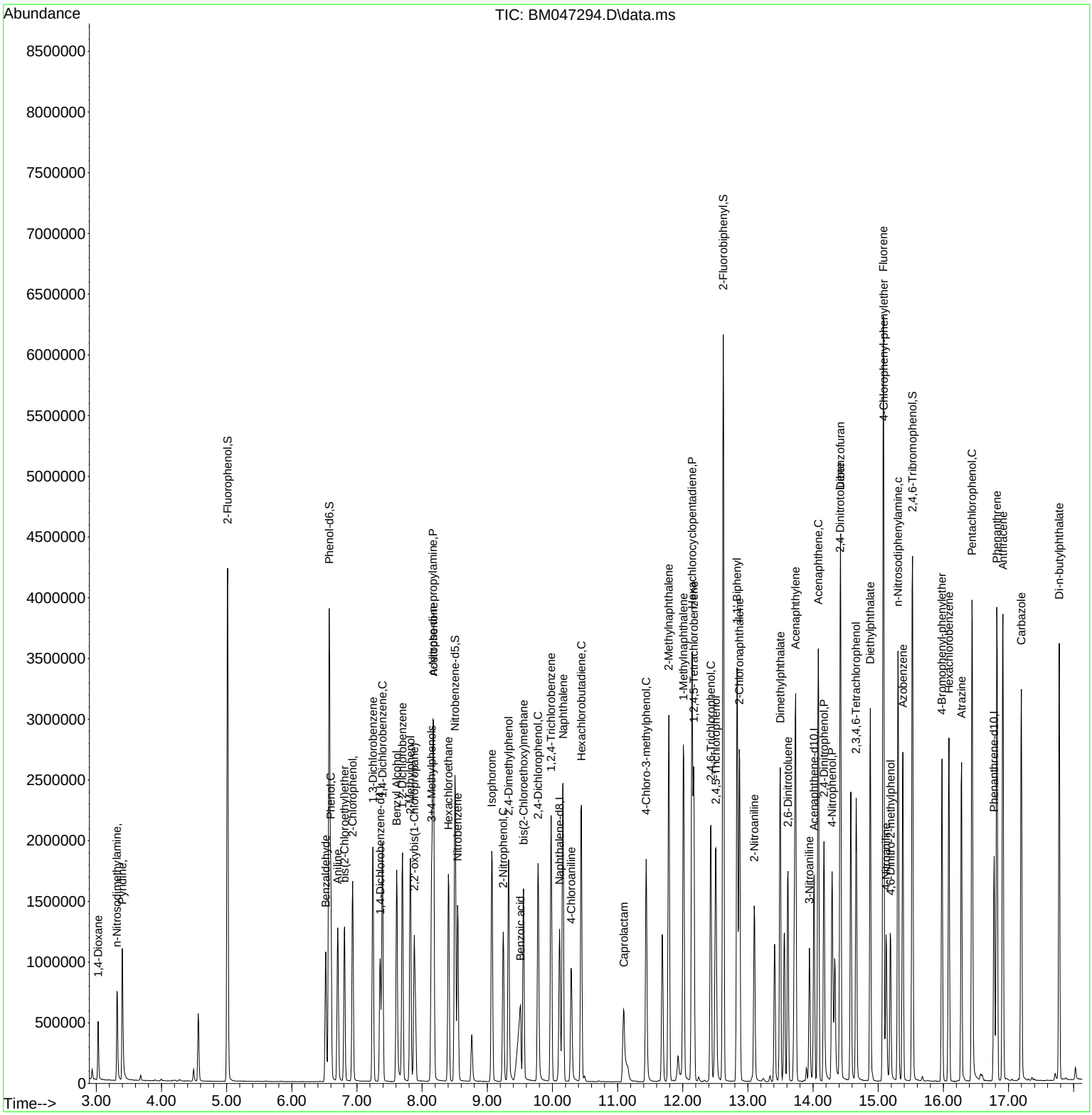

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