Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
Data File : BM047348.D
Acq On : 26 Aug 2024 15:02
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 17:59:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 17:49:36 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.351 | 152 | 250362 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.104 | 136 | 992556 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.010 | 164 | 673216 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.774 | 188 | 1330139 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.021 | 240 | 999229 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.715 | 264 | 1117977 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.004 | 112 | 1043589 | 79.972 | ng | 0.00 |
| 7) Phenol-d6 | 6.569 | 99 | 1438152 | 80.900 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.498 | 82 | 1483483 | 82.930 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.527 | 330 | 662508 | 81.567 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.616 | 172 | 3610156 | 82.396 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.445 | 244 | 4698978 | 83.704 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.022 | 88 | 212228 | 39.733 | ng | 100 |
| 3) Pyridine | 3.399 | 79 | 600570m | 40.495 | ng | |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 247907 | 41.061 | ng | 100 |
| 6) Aniline | 6.704 | 93 | 664150 | 41.250 | ng | 100 |
| 8) 2-Chlorophenol | 6.928 | 128 | 586319 | 40.142 | ng | 100 |
| 9) Benzaldehyde | 6.516 | 77 | 378590 | 41.366 | ng | 100 |
| 10) Phenol | 6.598 | 94 | 702455 | 40.163 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.804 | 93 | 613232 | 40.460 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.239 | 146 | 726665 | 40.685 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.387 | 146 | 734859 | 40.626 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.692 | 146 | 694045 | 40.488 | ng | 100 |
| 15) Benzyl Alcohol | 7.604 | 79 | 516147m | 42.087 | ng | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.892 | 45 | 751672 | 41.361 | ng | 100 |
| 17) 2-Methylphenol | 7.816 | 107 | 504297 | 41.501 | ng | 100 |
| 18) Hexachloroethane | 8.398 | 117 | 275010 | 40.671 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.163 | 70 | 486225 | 39.789 | ng | 100 |
| 20) 3+4-Methylphenols | 8.145 | 107 | 701001 | 41.491 | ng | 100 |
| 22) Acetophenone | 8.175 | 105 | 935371 | 40.606 | ng | 100 |
| 24) Nitrobenzene | 8.539 | 77 | 770690 | 41.890 | ng | 100 |
| 25) Isophorone | 9.063 | 82 | 1391231 | 41.149 | ng | 100 |
| 26) 2-Nitrophenol | 9.239 | 139 | 387999 | 42.875 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.328 | 122 | 425028 | 41.609 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.551 | 93 | 858685 | 41.475 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.781 | 162 | 679042 | 42.853 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 9.975 | 180 | 754765 | 41.238 | ng | 100 |
| 31) Naphthalene | 10.157 | 128 | 1967454 | 40.584 | ng | 100 |
| 32) Benzoic acid | 9.522 | 122 | 511473 | 41.940 | ng | 100 |
| 33) 4-Chloroaniline | 10.292 | 127 | 749979 | 41.607 | ng | 100 |
| 34) Hexachlorobutadiene | 10.433 | 225 | 474390 | 41.502 | ng | 100 |
| 35) Caprolactam | 11.098 | 113 | 207834 | 40.445 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.439 | 107 | 669129 | 41.583 | ng | 100 |
| 37) 2-Methylnaphthalene | 11.780 | 142 | 1438438 | 40.695 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.004 | 142 | 1423485 | 40.719 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.163 | 216 | 837204 | 41.996 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.133 | 237 | 275582 | 43.801 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.427 | 196 | 576422 | 42.180 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.510 | 196 | 638597 | 42.077 | ng | 100 |
| 46) 1,1'-Biphenyl | 12.833 | 154 | 1928294 | 41.021 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.869 | 162 | 1502379 | 40.784 | ng | 100 |
| 48) 2-Nitroaniline | 13.098 | 65 | 435937 | 42.247 | ng | 100 |
| 49) Acenaphthylene | 13.727 | 152 | 2208955 | 41.259 | ng | 100 |
| 50) Dimethylphthalate | 13.492 | 163 | 1886055 | 40.659 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.616 | 165 | 449657 | 41.634 | ng | 100 |
| 52) Acenaphthene | 14.080 | 154 | 1386265 | 40.787 | ng | 100 |
| 53) 3-Nitroaniline | 13.945 | 138 | 418070 | 41.949 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.168 | 184 | 280582 | 42.185 | ng | 100 |
| 55) Dibenzofuran | 14.421 | 168 | 2225445 | 40.651 | ng | 100 |
| 56) 4-Nitrophenol | 14.304 | 139 | 322558 | 41.405 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.416 | 165 | 573642 | 41.029 | ng | 100 |
| 58) Fluorene | 15.074 | 166 | 1793321 | 40.476 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.663 | 232 | 515807 | 41.378 | ng | 100 |
| 60) Diethylphthalate | 14.874 | 149 | 1850886 | 40.450 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.080 | 204 | 909412 | 40.349 | ng | 100 |
| 62) 4-Nitroaniline | 15.127 | 138 | 384498 | 41.706 | ng | 100 |
| 63) Azobenzene | 15.374 | 77 | 1626025 | 40.808 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 362344 | 44.383 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.304 | 169 | 1525888 | 41.924 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 15.974 | 248 | 587242 | 41.849 | ng | 100 |
| 68) Hexachlorobenzene | 16.080 | 284 | 675175 | 41.659 | ng | 100 |
| 69) Atrazine | 16.274 | 200 | 428703 | 36.036 | ng | 100 |
| 70) Pentachlorophenol | 16.439 | 266 | 451619 | 43.100 | ng | 100 |
| 71) Phenanthrene | 16.821 | 178 | 2653203 | 41.073 | ng | 100 |
| 72) Anthracene | 16.909 | 178 | 2611597 | 41.472 | ng | 100 |
| 73) Carbazole | 17.198 | 167 | 2497502 | 41.330 | ng | 100 |
| 74) Di-n-butylphthalate | 17.774 | 149 | 3068722 | 41.704 | ng | 100 |
| 75) Fluoranthene | 18.856 | 202 | 3094789 | 40.802 | ng | 100 |
| 77) Benzidine | 19.068 | 184 | 1012571 | 60.708 | ng | 100 |
| 78) Pyrene | 19.221 | 202 | 3193970 | 41.676 | ng | 100 |
| 80) Butylbenzylphthalate | 20.162 | 149 | 1283893 | 42.810 | ng | 100 |
| 81) Benzo(a)anthracene | 21.003 | 228 | 2708966 | 41.572 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.945 | 252 | 957021 | 43.660 | ng | 100 |
| 83) Chrysene | 21.062 | 228 | 2530820 | 41.288 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.956 | 149 | 1783075 | 42.067 | ng | 100 |
| 85) Di-n-octyl phthalate | 21.986 | 149 | 3039177 | 42.608 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.709 | 276 | 2938511 | 41.988 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.874 | 252 | 2718789 | 41.683 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.933 | 252 | 2525713 | 40.848 | ng | 100 |
| 90) Benzo(a)pyrene | 23.591 | 252 | 2353484 | 41.724 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.756 | 278 | 2372896 | 41.853 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 27.638 | 276 | 2482161 | 42.112 | ng | 100 |

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

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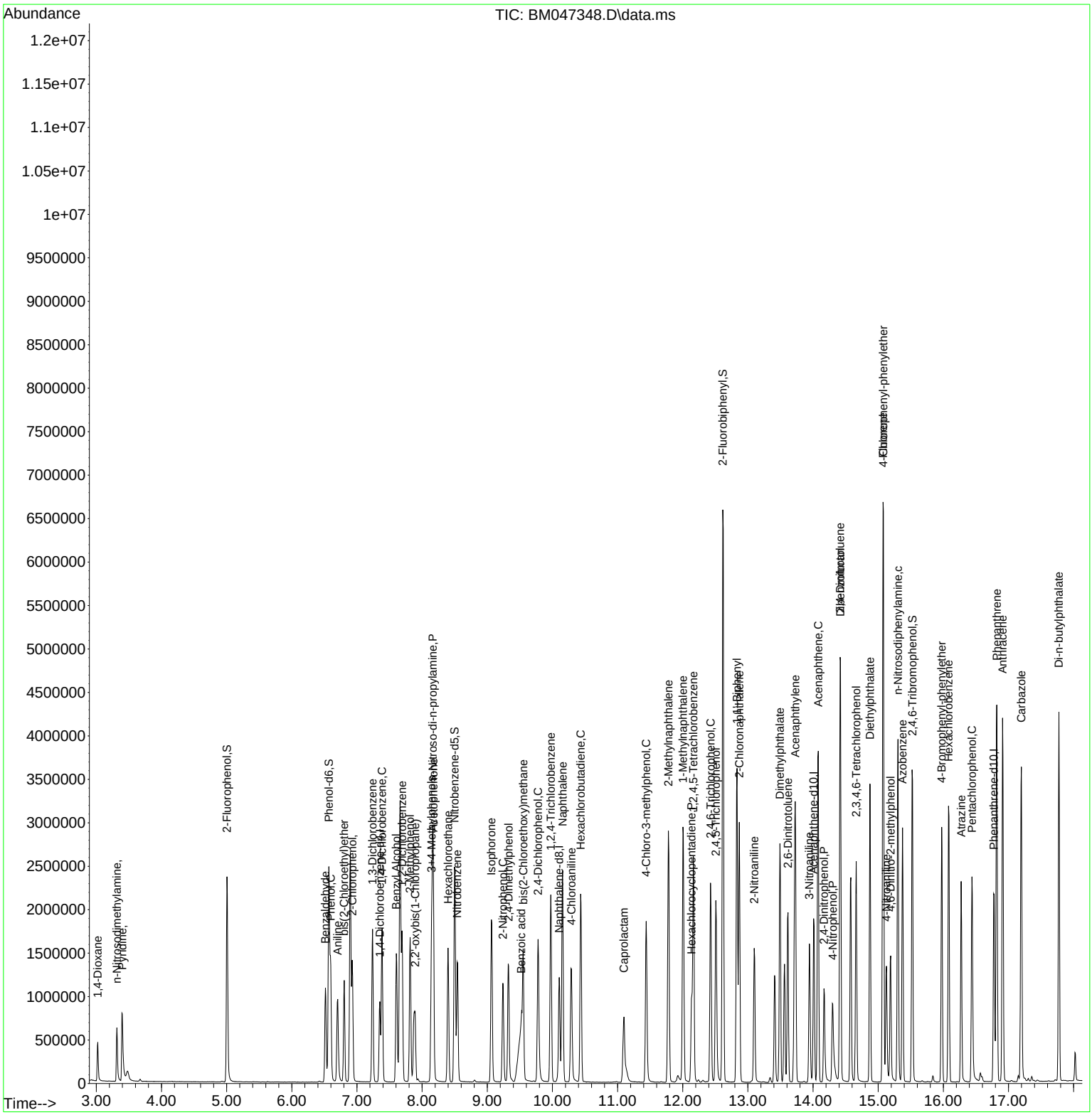

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