Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020429.D
Acq On : 20 May 2024 16:49
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 21 01:39:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 21 01:25:40 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.587 | 152 | 124664 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.357 | 136 | 471447 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.269 | 164 | 312579 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 669377 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.598 | 240 | 696482 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.927 | 264 | 800958 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.216 | 112 | 546405 | 80.915 | ng | 0.00 |
| 7) Phenol-d6 | 6.775 | 99 | 721304 | 76.592 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.751 | 82 | 771296 | 78.716 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.810 | 330 | 340030 | 83.803 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.863 | 172 | 1703896 | 76.859 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.874 | 244 | 3096237 | 79.506 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.216 | 88 | 114749 | 39.299 | ng | 100 |
| 3) Pyridine | 3.605 | 79 | 285773m | 38.784 | ng | |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 138738 | 38.795 | ng | 100 |
| 6) Aniline | 6.940 | 93 | 339737 | 37.709 | ng | 100 |
| 8) 2-Chlorophenol | 7.157 | 128 | 290054 | 38.646 | ng | 100 |
| 9) Benzaldehyde | 6.763 | 77 | 204196 | 39.131 | ng | 100 |
| 10) Phenol | 6.804 | 94 | 363742 | 38.253 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.034 | 93 | 294914 | 39.781 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.469 | 146 | 352440 | 39.146 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.622 | 146 | 357622 | 38.698 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.928 | 146 | 344871 | 38.899 | ng | 100 |
| 15) Benzyl Alcohol | 7.846 | 79 | 299515 | 38.519 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.104 | 45 | 330670 | 39.043 | ng | 100 |
| 17) 2-Methylphenol | 8.034 | 107 | 244161 | 38.434 | ng | 100 |
| 18) Hexachloroethane | 8.628 | 117 | 135970 | 39.269 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.393 | 70 | 239088 | 38.000 | ng | 100 |
| 20) 3+4-Methylphenols | 8.363 | 107 | 328763 | 37.187 | ng | 100 |
| 22) Acetophenone | 8.416 | 105 | 458255 | 38.585 | ng | 100 |
| 24) Nitrobenzene | 8.793 | 77 | 386754 | 39.720 | ng | 100 |
| 25) Isophorone | 9.304 | 82 | 646643 | 40.189 | ng | 100 |
| 26) 2-Nitrophenol | 9.498 | 139 | 160415 | 40.746 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.551 | 122 | 185594 | 39.593 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.792 | 93 | 383253 | 40.770 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.028 | 162 | 283231 | 41.002 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.222 | 180 | 345880 | 39.468 | ng | 100 |
| 31) Naphthalene | 10.410 | 128 | 928690 | 38.965 | ng | 100 |
| 32) Benzoic acid | 9.740 | 122 | 191620m | 39.297 | ng | |
| 33) 4-Chloroaniline | 10.551 | 127 | 329223 | 40.938 | ng | 100 |
| 34) Hexachlorobutadiene | 10.669 | 225 | 250398 | 41.307 | ng | 100 |
| 35) Caprolactam | 11.363 | 113 | 83601 | 41.544 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.681 | 107 | 317229 | 39.457 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.039 | 142 | 632709 | 38.861 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.263 | 142 | 615218 | 38.354 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.410 | 216 | 390272 | 38.606 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.369 | 237 | 123094 | 38.467 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.675 | 196 | 242288 | 39.856 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.751 | 196 | 272350 | 40.939 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.075 | 154 | 832429 | 38.163 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.122 | 162 | 666953 | 38.193 | ng | 100 |
| 48) 2-Nitroaniline | 13.363 | 65 | 214370 | 41.541 | ng | 100 |
| 49) Acenaphthylene | 13.986 | 152 | 971791 | 38.933 | ng | 100 |
| 50) Dimethylphthalate | 13.733 | 163 | 837306 | 39.555 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.875 | 165 | 195432 | 40.524 | ng | 100 |
| 52) Acenaphthene | 14.339 | 154 | 598422 | 38.215 | ng | 100 |
| 53) 3-Nitroaniline | 14.216 | 138 | 175020 | 42.369 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.445 | 184 | 113823 | 41.202 | ng | 100 |
| 55) Dibenzofuran | 14.686 | 168 | 1017379 | 39.703 | ng | 100 |
| 56) 4-Nitrophenol | 14.557 | 139 | 129740 | 47.900 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.692 | 165 | 277044 | 43.330 | ng | 100 |
| 58) Fluorene | 15.357 | 166 | 820791 | 39.747 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.922 | 232 | 237571 | 40.680 | ng | 100 |
| 60) Diethylphthalate | 15.139 | 149 | 892216 | 42.456 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.351 | 204 | 456678 | 40.142 | ng | 100 |
| 62) 4-Nitroaniline | 15.422 | 138 | 170319 | 44.454 | ng | 100 |
| 63) Azobenzene | 15.657 | 77 | 842618 | 41.994 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 198 | 167475 | 39.456 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.586 | 169 | 699489 | 38.439 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.280 | 248 | 286535 | 38.561 | ng | 100 |
| 68) Hexachlorobenzene | 16.374 | 284 | 340573 | 38.742 | ng | 100 |
| 69) Atrazine | 16.580 | 200 | 225055 | 40.845 | ng | 100 |
| 70) Pentachlorophenol | 16.751 | 266 | 213445 | 41.964 | ng | 100 |
| 71) Phenanthrene | 17.151 | 178 | 1260830 | 39.241 | ng | 100 |
| 72) Anthracene | 17.257 | 178 | 1268826 | 40.362 | ng | 100 |
| 73) Carbazole | 17.551 | 167 | 1181512 | 40.933 | ng | 100 |
| 74) Di-n-butylphthalate | 18.145 | 149 | 1543438 | 44.696 | ng | 100 |
| 75) Fluoranthene | 19.268 | 202 | 1636728 | 41.446 | ng | 100 |
| 77) Benzidine | 19.498 | 184 | 392387 | 47.622 | ng | 100 |
| 78) Pyrene | 19.645 | 202 | 1718656 | 38.795 | ng | 100 |
| 80) Butylbenzylphthalate | 20.621 | 149 | 709919 | 42.541 | ng | 100 |
| 81) Benzo(a)anthracene | 21.580 | 228 | 1705957 | 39.198 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.509 | 252 | 608512 | 42.015 | ng | 100 |
| 83) Chrysene | 21.651 | 228 | 1674800 | 39.794 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.527 | 149 | 1084449 | 44.756 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.809 | 149 | 1774207 | 43.084 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.721 | 276 | 2065621 | 38.568 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.874 | 252 | 1781528 | 38.774 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.951 | 252 | 1753089 | 38.510 | ng | 100 |
| 90) Benzo(a)pyrene | 24.780 | 252 | 1560251 | 38.606 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.815 | 278 | 1716424 | 38.766 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.891 | 276 | 1723018 | 38.188 | ng | 100 |

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

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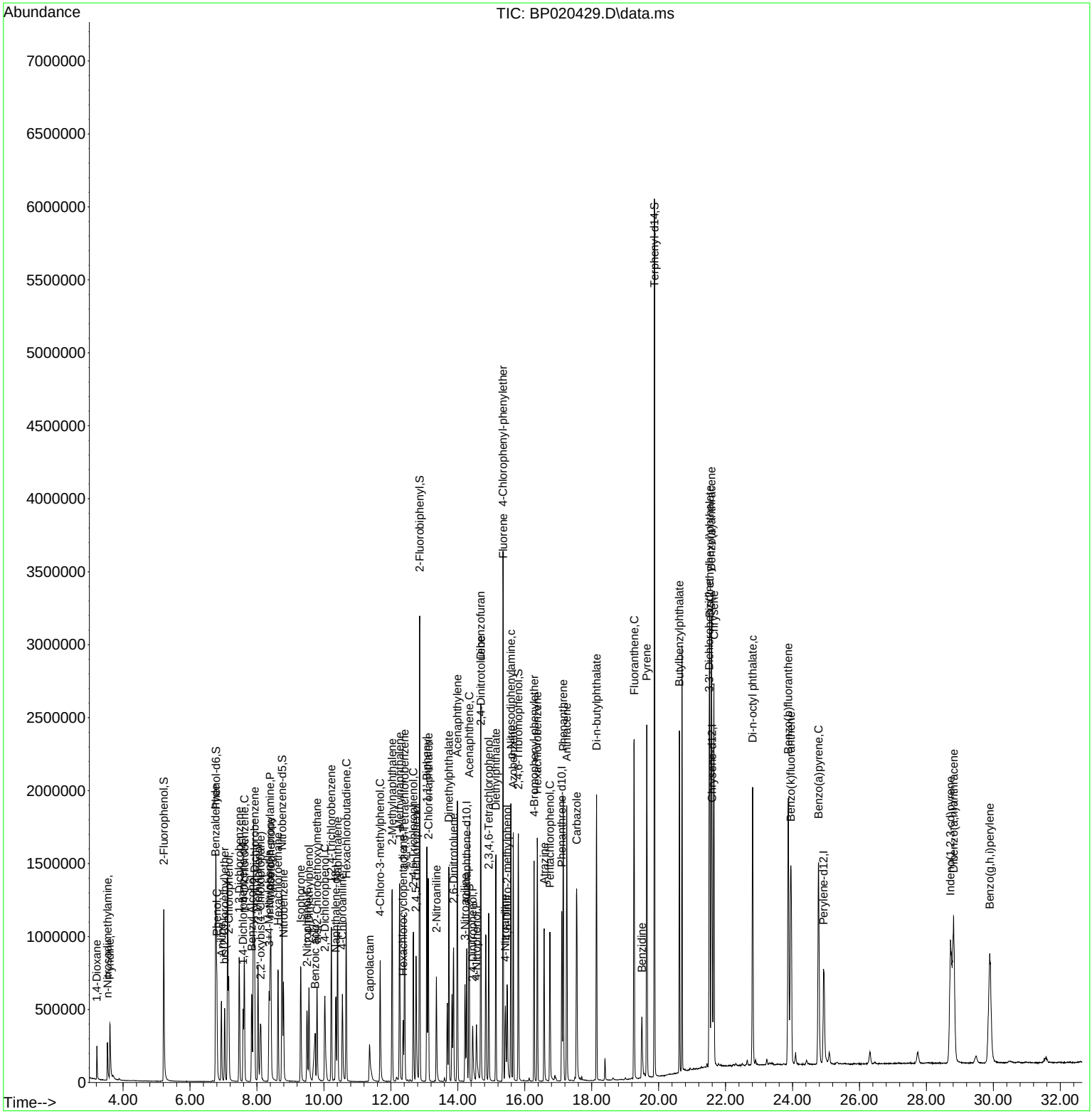
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