Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091724\
Data File : BE101349.D
Acq On : 17 Sep 2024 12:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 15:46:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 15:24:04 2024
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.576 | 152 | 167605 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.343 | 136 | 868297 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.186 | 164 | 640003 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.924 | 188 | 1446727 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.083 | 240 | 1517128 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.375 | 264 | 1909212 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.325 | 112 | 953504 | 99.469 | ng | | 0.00 |
| 7) Phenol-d6 | 6.953 | 99 | 1389831 | 102.274 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.792 | 82 | 1410152 | 102.961 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.696 | 330 | 1089680 | 101.228 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.811 | 172 | 3536422 | 95.487 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.521 | 244 | 5251953 | 76.759 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 177361 | 48.590 | ng | | 99 |
| 3) Pyridine | 3.651 | 79 | 545402m | 51.390 | ng | | |
| 4) n-Nitrosodimethylamine | 3.563 | 42 | 196645 | 51.789 | ng | | 96 |
| 6) Aniline | 7.018 | 93 | 550504 | 48.285 | ng | | 100 |
| 8) 2-Chlorophenol | 7.223 | 128 | 574269 | 49.855 | ng | | 98 |
| 9) Benzaldehyde | 6.788 | 77 | 300765 | 48.157 | ng | | 98 |
| 10) Phenol | 6.982 | 94 | 779861 | 52.210 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.047 | 93 | 575849 | 45.549 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.464 | 146 | 595722 | 48.121 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.611 | 146 | 606923 | 48.118 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.940 | 146 | 609866 | 48.795 | ng | | 99 |
| 15) Benzyl Alcohol | 7.916 | 79 | 443237 | 54.777 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.087 | 45 | 775401 | 48.669 | ng | | 98 |
| 17) 2-Methylphenol | 8.157 | 107 | 508310 | 51.360 | ng | | 98 |
| 18) Hexachloroethane | 8.633 | 117 | 204290 | 49.524 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.381 | 70 | 519271 | 54.142 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.498 | 107 | 727353 | 52.229 | ng | | 98 |
| 22) Acetophenone | 8.428 | 105 | 1010528 | 50.188 | ng | # | 100 |
| 24) Nitrobenzene | 8.827 | 77 | 737743 | 50.454 | ng | | 100 |
| 25) Isophorone | 9.285 | 82 | 1439467 | 51.340 | ng | | 99 |
| 26) 2-Nitrophenol | 9.515 | 139 | 369850 | 53.594 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.632 | 122 | 448928 | 50.673 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.779 | 93 | 853695 | 50.338 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.067 | 162 | 621910 | 51.262 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.190 | 180 | 636155 | 48.518 | ng | | 99 |
| 31) Naphthalene | 10.390 | 128 | 2124928 | 48.501 | ng | | 99 |
| 32) Benzoic acid | 9.908 | 122 | 454152 | 48.074 | ng | | 97 |
| 33) 4-Chloroaniline | 10.619 | 127 | 856759 | 51.114 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.643 | 225 | 367221 | 48.206 | ng | | 99 |
| 35) Caprolactam | 11.412 | 113 | 260026m | 52.763 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.794 | 107 | 738971 | 51.549 | ng | | 98 |
| 37) 2-Methylnaphthalene | 11.982 | 142 | 1583101 | 49.408 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.211 | 142 | 1581907 | 49.211 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.341 | 216 | 759824 | 49.284 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.323 | 237 | 263003 | 51.918 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.658 | 196 | 564044 | 51.659 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.758 | 196 | 639222 | 51.888 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.016 | 154 | 2116199 | 48.794 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.057 | 162 | 1677149 | 49.160 | ng | 99 |
| 48) 2-Nitroaniline | 13.392 | 65 | 499543 | 54.423 | ng | 99 |
| 49) Acenaphthylene | 13.921 | 152 | 2516732 | 49.439 | ng | 100 |
| 50) Dimethylphthalate | 13.698 | 163 | 2230973 | 48.309 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.833 | 165 | 530202 | 51.301 | ng | 97 |
| 52) Acenaphthene | 14.250 | 154 | 1642157 | 48.937 | ng | 98 |
| 53) 3-Nitroaniline | 14.244 | 138 | 567664 | 53.395 | ng | 94 |
| 54) 2,4-Dinitrophenol | 14.374 | 184 | 336340 | 54.669 | ng | 99 |
| 55) Dibenzofuran | 14.591 | 168 | 2568259 | 48.453 | ng | 98 |
| 56) 4-Nitrophenol | 14.662 | 139 | 470600 | 53.244 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.615 | 165 | 747649 | 53.139 | ng | 99 |
| 58) Fluorene | 15.231 | 166 | 2191701 | 49.074 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.861 | 232 | 585678 | 50.272 | ng | 100 |
| 60) Diethylphthalate | 15.020 | 149 | 2313838 | 48.292 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.220 | 204 | 1070828 | 48.881 | ng | 98 |
| 62) 4-Nitroaniline | 15.431 | 138 | 605485 | 54.649 | ng | 99 |
| 63) Azobenzene | 15.513 | 77 | 2008946 | 49.066 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.355 | 198 | 433515 | 52.771 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.472 | 169 | 1900447 | 49.282 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.101 | 248 | 739708 | 49.217 | ng | 98 |
| 68) Hexachlorobenzene | 16.207 | 284 | 965411 | 49.702 | ng | 99 |
| 69) Atrazine | 16.401 | 200 | 599452 | 47.075 | ng | 98 |
| 70) Pentachlorophenol | 16.618 | 266 | 621741 | 53.573 | ng | 99 |
| 71) Phenanthrene | 16.965 | 178 | 3315099 | 48.247 | ng | 98 |
| 72) Anthracene | 17.053 | 178 | 3262267 | 48.790 | ng | 98 |
| 73) Carbazole | 17.382 | 167 | 3332019 | 48.628 | ng | 98 |
| 74) Di-n-butylphthalate | 17.828 | 149 | 3632732 | 48.285 | ng | 99 |
| 75) Fluoranthene | 18.968 | 202 | 3847261 | 46.511 | ng | 97 |
| 77) Benzidine | 19.227 | 184 | 1295340 | 51.524 | ng | 100 |
| 78) Pyrene | 19.338 | 202 | 4051925 | 48.021 | ng | 97 |
| 80) Butylbenzylphthalate | 20.190 | 149 | 1908211 | 51.088 | ng | 99 |
| 81) Benzo(a)anthracene | 21.066 | 228 | 4016626 | 47.144 | ng | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.042 | 252 | 1737807 | 52.055 | ng | 97 |
| 83) Chrysene | 21.125 | 228 | 3790774 | 46.317 | ng | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 20.895 | 149 | 2538782 | 51.396 | ng | 97 |
| 85) Di-n-octyl phthalate | 21.741 | 149 | 4010835 | 49.743 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.713 | 276 | 6247018 | 49.665 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.670 | 252 | 4678461 | 47.314 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.711 | 252 | 4561678 | 48.879 | ng | 98 |
| 90) Benzo(a)pyrene | 23.269 | 252 | 4321245 | 49.518 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.707 | 278 | 5248938 | 49.843 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.459 | 276 | 5309359 | 49.653 | ng | 99 |

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

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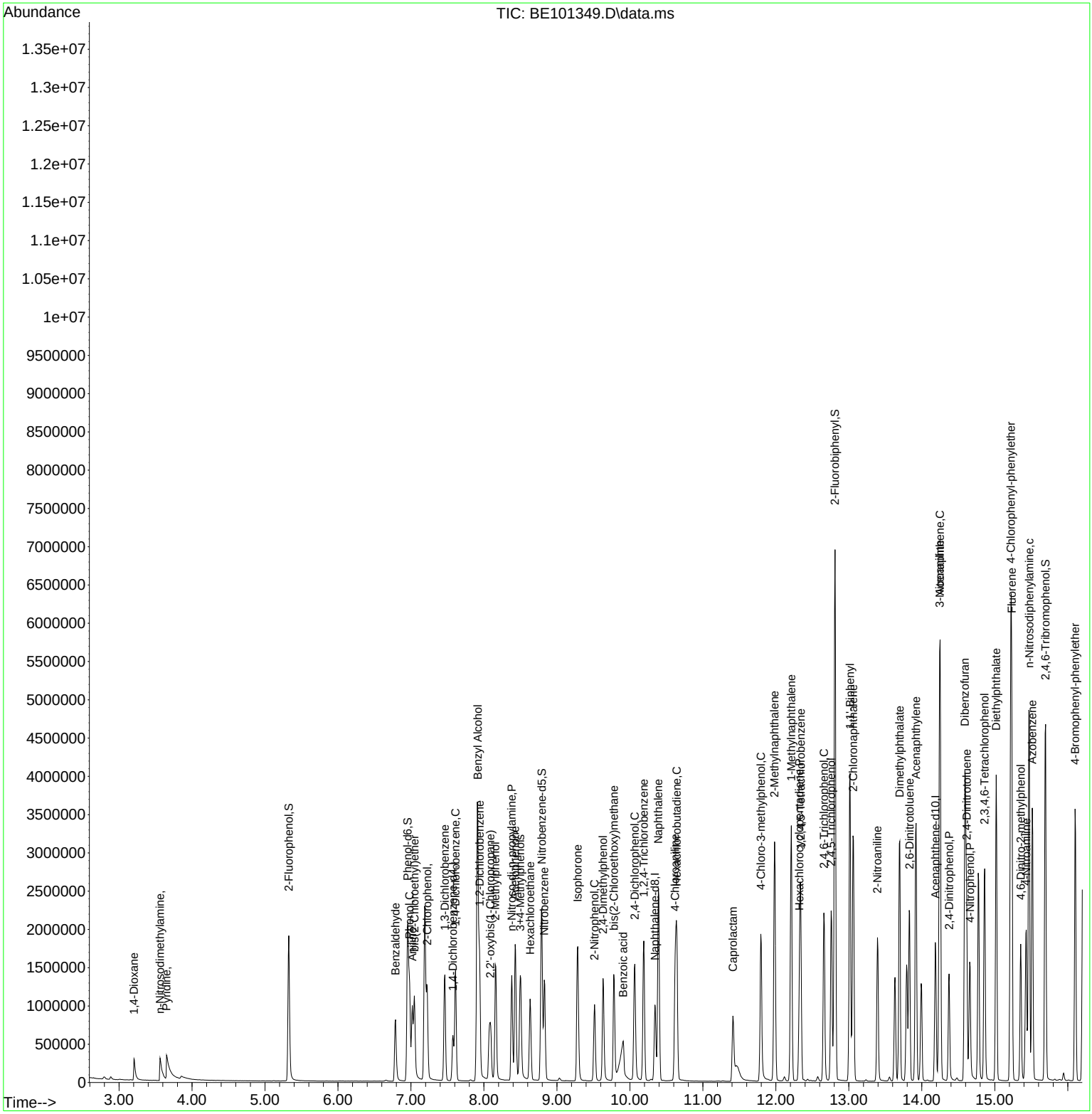

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