Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101544.D
Acq On : 8 Nov 2024 10:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 10:14:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.558 | 152 | 51174 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.326 | 136 | 237509 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.174 | 164 | 179651 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.912 | 188 | 420948 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.072 | 240 | 472751 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.357 | 264 | 602462 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.314 | 112 | 236611 | 81.754 | ng | | 0.00 |
| 7) Phenol-d6 | 6.941 | 99 | 328691 | 82.833 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.769 | 82 | 312679 | 83.156 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.678 | 330 | 273256 | 80.833 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.793 | 172 | 856759 | 77.869 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.503 | 244 | 1787654 | 83.703 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.187 | 88 | 43939 | 40.796 | ng | | 97 |
| 3) Pyridine | 3.616 | 79 | 132966m | 44.143 | ng | | |
| 4) n-Nitrosodimethylamine | 3.539 | 42 | 51359 | 43.058 | ng | | 99 |
| 6) Aniline | 7.000 | 93 | 99499 | 33.409 | ng | | 97 |
| 8) 2-Chlorophenol | 7.206 | 128 | 139458 | 40.672 | ng | | 98 |
| 9) Benzaldehyde | 6.765 | 77 | 67268 | 34.656 | ng | | 99 |
| 10) Phenol | 6.965 | 94 | 179912 | 41.653 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.024 | 93 | 165037m | 46.155 | ng | | |
| 12) 1,3-Dichlorobenzene | 7.447 | 146 | 149848 | 40.030 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.593 | 146 | 151916 | 40.067 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.922 | 146 | 149116 | 40.065 | ng | | 99 |
| 15) Benzyl Alcohol | 7.893 | 79 | 98580 | 42.529 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.063 | 45 | 174241 | 41.166 | ng | | 96 |
| 17) 2-Methylphenol | 8.146 | 107 | 113951 | 40.749 | ng | | 99 |
| 18) Hexachloroethane | 8.616 | 117 | 50871 | 39.729 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.363 | 70 | 110591 | 42.268 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.486 | 107 | 161794 | 41.727 | ng | | 97 |
| 22) Acetophenone | 8.410 | 105 | 215384 | 40.043 | ng | # | 99 |
| 24) Nitrobenzene | 8.810 | 77 | 163457 | 41.795 | ng | | 97 |
| 25) Isophorone | 9.262 | 82 | 305817 | 41.792 | ng | | 99 |
| 26) 2-Nitrophenol | 9.497 | 139 | 85922 | 41.283 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.615 | 122 | 96588 | 40.108 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.756 | 93 | 180210 | 40.232 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.055 | 162 | 139985 | 40.947 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.173 | 180 | 148845 | 39.001 | ng | | 100 |
| 31) Naphthalene | 10.373 | 128 | 479224 | 39.967 | ng | | 100 |
| 32) Benzoic acid | 9.897 | 122 | 94456 | 42.834 | ng | | 99 |
| 33) 4-Chloroaniline | 10.602 | 127 | 178461 | 42.324 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.625 | 225 | 90206 | 38.348 | ng | | 98 |
| 35) Caprolactam | 11.383 | 113 | 57396 | 45.719 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.783 | 107 | 162513 | 43.532 | ng | | 98 |
| 37) 2-Methylnaphthalene | 11.965 | 142 | 349131 | 40.995 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.194 | 142 | 347270 | 40.889 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.323 | 216 | 175622 | 37.079 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.306 | 237 | 54568 | 39.479 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.646 | 196 | 128512 | 39.507 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.752 | 196 | 144979 | 40.006 | ng | 97 |
| 46) 1,1'-Biphenyl | 12.999 | 154 | 476785 | 38.475 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.046 | 162 | 376267 | 38.497 | ng | 99 |
| 48) 2-Nitroaniline | 13.375 | 65 | 114738 | 44.348 | ng | 94 |
| 49) Acenaphthylene | 13.904 | 152 | 588289 | 40.390 | ng | 99 |
| 50) Dimethylphthalate | 13.675 | 163 | 519405 | 40.601 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.816 | 165 | 123306 | 41.761 | ng | 99 |
| 52) Acenaphthene | 14.233 | 154 | 375195 | 40.367 | ng | 99 |
| 53) 3-Nitroaniline | 14.227 | 138 | 127306 | 44.412 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.362 | 184 | 79363 | 45.866 | ng | 96 |
| 55) Dibenzofuran | 14.579 | 168 | 600773 | 40.139 | ng | 99 |
| 56) 4-Nitrophenol | 14.650 | 139 | 106187 | 44.862 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 14.603 | 165 | 178718 | 43.083 | ng | 99 |
| 58) Fluorene | 15.214 | 166 | 516260 | 41.330 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.850 | 232 | 136587 | 40.732 | ng | 99 |
| 60) Diethylphthalate | 15.002 | 149 | 559909 | 41.509 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.202 | 204 | 254962 | 40.196 | ng | 99 |
| 62) 4-Nitroaniline | 15.414 | 138 | 140722 | 45.566 | ng | 97 |
| 63) Azobenzene | 15.496 | 77 | 472139 | 42.904 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.343 | 198 | 110950 | 44.402 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.455 | 169 | 451302 | 40.398 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.089 | 248 | 180499 | 38.878 | ng | 98 |
| 68) Hexachlorobenzene | 16.195 | 284 | 245701 | 40.211 | ng | 98 |
| 69) Atrazine | 16.389 | 200 | 141676 | 42.956 | ng | 98 |
| 70) Pentachlorophenol | 16.606 | 266 | 141175 | 42.583 | ng | 99 |
| 71) Phenanthrene | 16.953 | 178 | 823366 | 40.216 | ng | 99 |
| 72) Anthracene | 17.041 | 178 | 823243 | 40.718 | ng | 100 |
| 73) Carbazole | 17.370 | 167 | 823854 | 40.633 | ng | 99 |
| 74) Di-n-butylphthalate | 17.811 | 149 | 1011598 | 40.401 | ng | 100 |
| 75) Fluoranthene | 18.957 | 202 | 1051631 | 40.062 | ng | 100 |
| 77) Benzidine | 19.209 | 184 | 393870 | 38.785 | ng | 100 |
| 78) Pyrene | 19.327 | 202 | 1109254 | 41.238 | ng | 100 |
| 80) Butylbenzylphthalate | 20.173 | 149 | 492931 | 40.778 | ng | 98 |
| 81) Benzo(a)anthracene | 21.054 | 228 | 1150750 | 40.986 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.025 | 252 | 449864 | 40.702 | ng | 99 |
| 83) Chrysene | 21.107 | 228 | 1076464 | 40.336 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.872 | 149 | 721606 | 39.484 | ng | 100 |
| 85) Di-n-octyl phthalate | 21.718 | 149 | 1227903 | 39.714 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.690 | 276 | 1665892 | 40.238 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.652 | 252 | 1296785 | 39.233 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.693 | 252 | 1255242 | 41.834 | ng | 100 |
| 90) Benzo(a)pyrene | 23.252 | 252 | 1154661 | 40.463 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.684 | 278 | 1396259 | 40.495 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.436 | 276 | 1379884 | 39.391 | ng | 99 |

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

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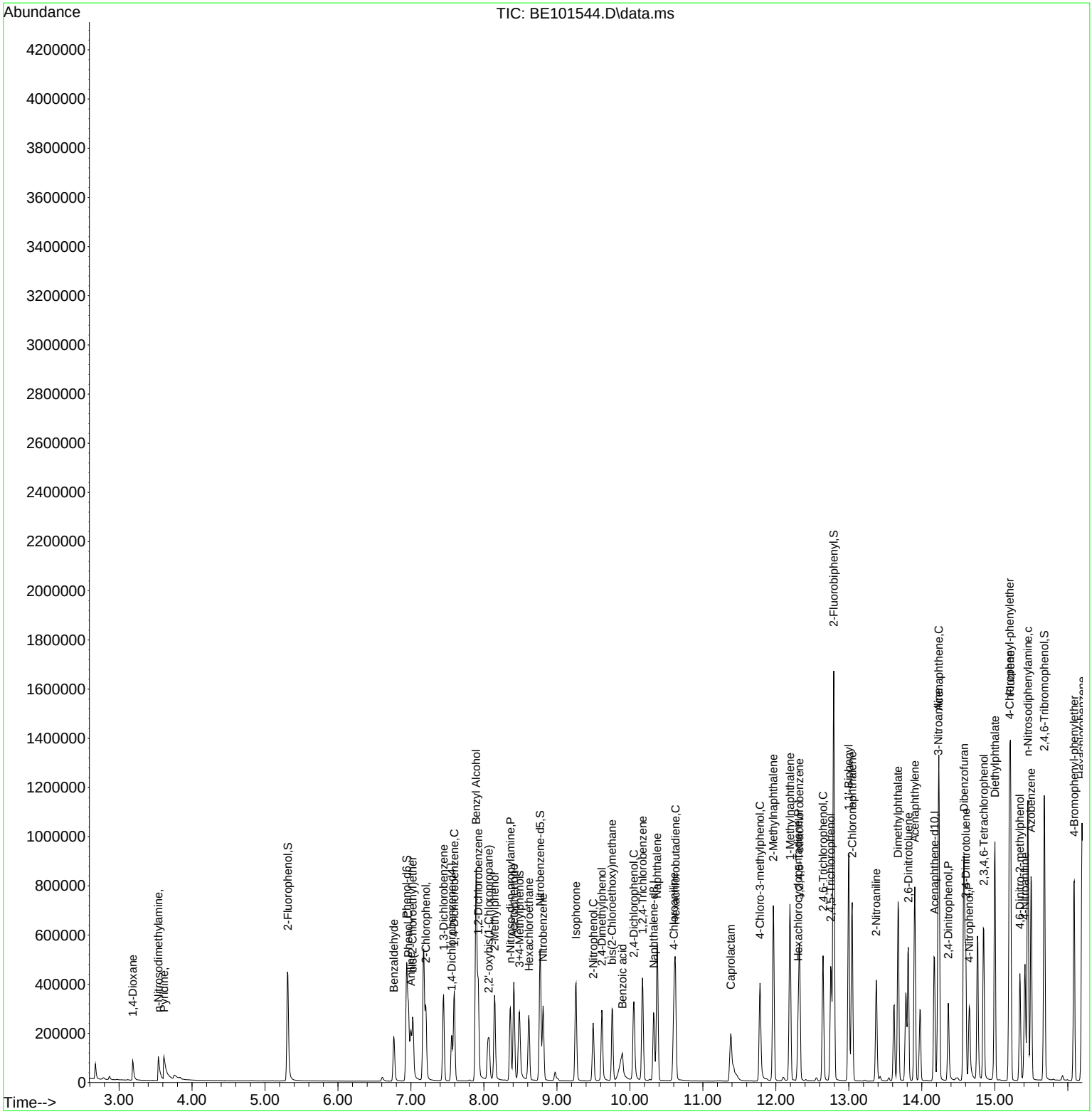

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