Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101453.D
Acq On : 4 Nov 2024 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 12:30:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.570 | 152 | 101222 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.343 | 136 | 465351 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.186 | 164 | 319103 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.924 | 188 | 704364 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.084 | 240 | 756056 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.375 | 264 | 973527 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.320 | 112 | 462242 | 80.037 | ng | | 0.00 |
| 7) Phenol-d6 | 6.953 | 99 | 636707 | 79.508 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.786 | 82 | 598342 | 80.759 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.690 | 330 | 454037 | 81.182 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.805 | 172 | 1539205 | 81.688 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.515 | 244 | 2598151 | 79.092 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 82690 | 38.388 | ng | | 99 |
| 3) Pyridine | 3.627 | 79 | 241790 | 39.675 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.557 | 42 | 96051 | 40.735 | ng | | 99 |
| 6) Aniline | 7.012 | 93 | 252836 | 41.197 | ng | | 96 |
| 8) 2-Chlorophenol | 7.217 | 128 | 270457 | 39.045 | ng | | 99 |
| 9) Benzaldehyde | 6.783 | 77 | 174134 | 45.045 | ng | | 99 |
| 10) Phenol | 6.976 | 94 | 349464 | 40.220 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.041 | 93 | 269514m | 37.811 | ng | | |
| 12) 1,3-Dichlorobenzene | 7.458 | 146 | 289372 | 38.742 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.605 | 146 | 294636 | 38.628 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.934 | 146 | 288014 | 38.576 | ng | | 99 |
| 15) Benzyl Alcohol | 7.911 | 79 | 196143 | 41.090 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.075 | 45 | 334813 | 37.325 | ng | | 97 |
| 17) 2-Methylphenol | 8.157 | 107 | 230974 | 39.276 | ng | | 99 |
| 18) Hexachloroethane | 8.627 | 117 | 100503 | 40.349 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.375 | 70 | 215528 | 40.558 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.498 | 107 | 318173 | 39.196 | ng | | 99 |
| 22) Acetophenone | 8.428 | 105 | 417916 | 39.552 | ng | # | 98 |
| 24) Nitrobenzene | 8.827 | 77 | 312849 | 39.673 | ng | | 97 |
| 25) Isophorone | 9.280 | 82 | 589978 | 40.807 | ng | | 99 |
| 26) 2-Nitrophenol | 9.509 | 139 | 166540 | 43.696 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.626 | 122 | 192052 | 40.044 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.773 | 93 | 350287 | 39.951 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.061 | 162 | 269334 | 40.593 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.185 | 180 | 287217 | 39.737 | ng | | 98 |
| 31) Naphthalene | 10.390 | 128 | 921012 | 38.838 | ng | | 100 |
| 32) Benzoic acid | 9.920 | 122 | 163037 | 35.605 | ng | | 99 |
| 33) 4-Chloroaniline | 10.608 | 127 | 341887 | 41.461 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.637 | 225 | 174648 | 40.821 | ng | | 99 |
| 35) Caprolactam | 11.412 | 113 | 102192m | 40.180 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.794 | 107 | 297800 | 39.420 | ng | | 100 |
| 37) 2-Methylnaphthalene | 11.982 | 142 | 658799 | 38.561 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.206 | 142 | 656370 | 38.494 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.341 | 216 | 328416 | 40.998 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.317 | 237 | 112381 | 42.479 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.658 | 196 | 231553 | 41.930 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.758 | 196 | 261178 | 41.299 | ng | 98 |
| 46) | 1,1'-Biphenyl | 13.011 | 154 | 876021 | 40.070 | ng | 100 |
| 47) | 2-Chloronaphthalene | 13.058 | 162 | 690661 | 39.986 | ng | 99 |
| 48) | 2-Nitroaniline | 13.387 | 65 | 199038 | 42.819 | ng | 99 |
| 49) | Acenaphthylene | 13.915 | 152 | 1036062 | 40.561 | ng | 99 |
| 50) | Dimethylphthalate | 13.692 | 163 | 885770 | 39.325 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 13.827 | 165 | 209737 | 40.332 | ng | 99 |
| 52) | Acenaphthene | 14.250 | 154 | 650182 | 38.982 | ng | 99 |
| 53) | 3-Nitroaniline | 14.239 | 138 | 215810 | 41.735 | ng | 98 |
| 54) | 2,4-Dinitrophenol | 14.374 | 184 | 128638 | 37.986 | ng | 99 |
| 55) | Dibenzofuran | 14.591 | 168 | 1039337 | 39.096 | ng | 99 |
| 56) | 4-Nitrophenol | 14.656 | 139 | 183026 | 38.650 | ng | 98 |
| 57) | 2,4-Dinitrotoluene | 14.615 | 165 | 296439 | 41.405 | ng | 98 |
| 58) | Fluorene | 15.226 | 166 | 866002 | 38.941 | ng | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.855 | 232 | 232903 | 39.860 | ng | 98 |
| 60) | Diethylphthalate | 15.014 | 149 | 927278 | 39.358 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.214 | 204 | 429451 | 38.915 | ng | 99 |
| 62) | 4-Nitroaniline | 15.425 | 138 | 231575 | 40.245 | ng | 98 |
| 63) | Azobenzene | 15.514 | 77 | 783619 | 38.694 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.361 | 198 | 177221 | 42.818 | ng | 94 |
| 66) | n-Nitrosodiphenylamine | 15.467 | 169 | 752930 | 40.309 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.101 | 248 | 302271 | 40.796 | ng | 96 |
| 68) | Hexachlorobenzene | 16.207 | 284 | 398846 | 41.068 | ng | 98 |
| 69) | Atrazine | 16.401 | 200 | 236759 | 41.344 | ng | 99 |
| 70) | Pentachlorophenol | 16.618 | 266 | 235022 | 42.041 | ng | 99 |
| 71) | Phenanthrene | 16.965 | 178 | 1350549 | 40.047 | ng | 98 |
| 72) | Anthracene | 17.047 | 178 | 1344221 | 40.821 | ng | 99 |
| 73) | Carbazole | 17.382 | 167 | 1345498 | 39.933 | ng | 98 |
| 74) | Di-n-butylphthalate | 17.823 | 149 | 1636855 | 44.128 | ng | 99 |
| 75) | Fluoranthene | 18.968 | 202 | 1670343 | 40.779 | ng | 97 |
| 77) | Benzidine | 19.221 | 184 | 460885 | 48.031 | ng | 99 |
| 78) | Pyrene | 19.338 | 202 | 1745216 | 41.975 | ng | 97 |
| 80) | Butylbenzylphthalate | 20.185 | 149 | 779728 | 42.779 | ng | 99 |
| 81) | Benzo(a)anthracene | 21.060 | 228 | 1757333 | 41.354 | ng | 98 |
| 82) | 3,3'-Dichlorobenzidine | 21.036 | 252 | 697242 | 41.885 | ng | 99 |
| 83) | Chrysene | 21.119 | 228 | 1655817 | 40.300 | ng | 96 |
| 84) | Bis(2-ethylhexyl)phtha... | 20.884 | 149 | 1127539 | 46.566 | ng | 98 |
| 85) | Di-n-octyl phthalate | 21.736 | 149 | 1868759 | 47.023 | ng | 98 |
| 87) | Indeno(1,2,3-cd)pyrene | 25.713 | 276 | 2638055 | 40.490 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 22.664 | 252 | 2063500 | 40.673 | ng | 98 |
| 89) | Benzo(k)fluoranthene | 22.711 | 252 | 1928650 | 40.690 | ng | 97 |
| 90) | Benzo(a)pyrene | 23.269 | 252 | 1815825 | 40.925 | ng | 98 |
| 91) | Dibenzo(a,h)anthracene | 25.707 | 278 | 2193928 | 40.752 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 26.465 | 276 | 2240130 | 40.385 | ng | 98 |

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

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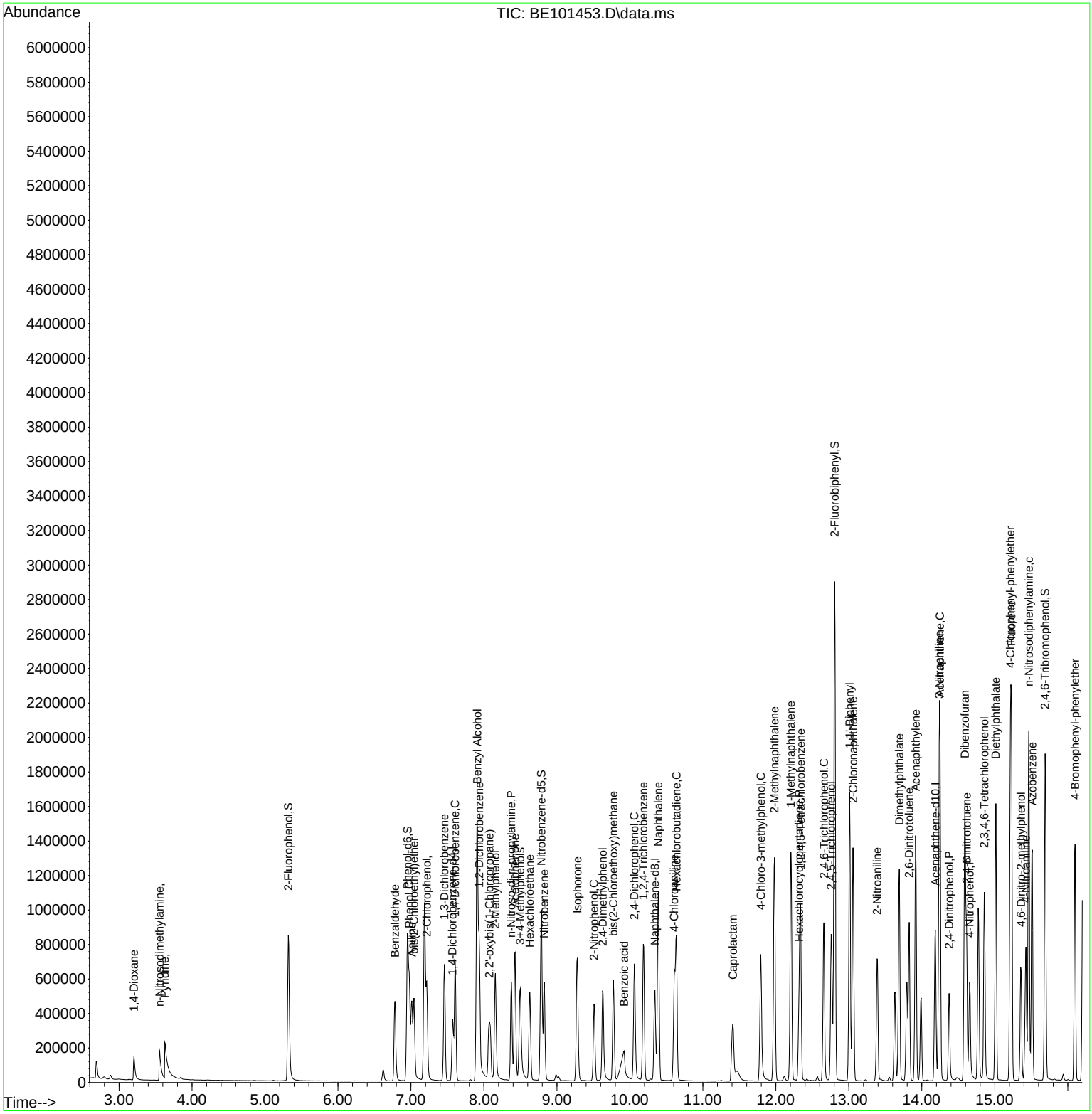

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