Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101446.D
Acq On : 1 Nov 2024 10:58
Operator : RC/JU
Sample : P4616-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 11:48:44 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 :**
BP-F10MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.572 | 152 | 86007 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.345 | 136 | 351005 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.188 | 164 | 212735 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.926 | 188 | 454763 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.086 | 240 | 568388 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.377 | 264 | 795058 | 20.000 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.328 | 112 | 622084 | 126.769 | ng | | 0.00 |
| 7) Phenol-d6 | 6.955 | 99 | 782495 | 114.999 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.788 | 82 | 451808 | 80.847 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.692 | 330 | 461229 | 123.702 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.807 | 172 | 1037047 | 82.557 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.511 | 244 | 1957072 | 79.247 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.207 | 88 | 88629 | 48.424 | ng | | 99 |
| 3) Pyridine | 3.630 | 79 | 233986 | 45.187 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.553 | 42 | 107906 | 53.858 | ng | # | 99 |
| 6) Aniline | 7.014 | 93 | 302287 | 57.968 | ng | | 98 |
| 8) 2-Chlorophenol | 7.219 | 128 | 311698 | 52.959 | ng | | 98 |
| 9) Benzaldehyde | 6.785 | 77 | 42239 | 12.859 | ng | | 99 |
| 10) Phenol | 6.979 | 94 | 397639 | 53.860 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.037 | 93 | 286833m | 47.359 | ng | | |
| 12) 1,3-Dichlorobenzene | 7.460 | 146 | 316838 | 49.923 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.607 | 146 | 321051 | 49.538 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.936 | 146 | 310425 | 48.933 | ng | | 100 |
| 15) Benzyl Alcohol | 7.919 | 79 | 206647 | 50.949 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.071 | 45 | 367253 | 48.184 | ng | | 99 |
| 17) 2-Methylphenol | 8.160 | 107 | 242493 | 48.530 | ng | | 99 |
| 18) Hexachloroethane | 8.630 | 117 | 110047 | 51.996 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.377 | 70 | 206907 | 45.824 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.500 | 107 | 326111 | 47.280 | ng | | 99 |
| 22) Acetophenone | 8.424 | 105 | 416428 | 52.250 | ng | | 98 |
| 24) Nitrobenzene | 8.829 | 77 | 302477 | 50.853 | ng | | 97 |
| 25) Isophorone | 9.282 | 82 | 554592 | 50.856 | ng | | 99 |
| 26) 2-Nitrophenol | 9.511 | 139 | 168500 | 58.612 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.634 | 122 | 235525 | 65.106 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.775 | 93 | 341088 | 51.575 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.063 | 162 | 274668 | 54.882 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.187 | 180 | 281528 | 51.638 | ng | | 100 |
| 31) Naphthalene | 10.392 | 128 | 908754 | 50.805 | ng | | 99 |
| 32) Benzoic acid | 9.899 | 122 | 108210 | 32.317 | ng | | 98 |
| 33) 4-Chloroaniline | 10.615 | 127 | 206155 | 33.145 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.639 | 225 | 174908 | 54.200 | ng | | 99 |
| 35) Caprolactam | 11.415 | 113 | 88007m | 45.876 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.796 | 107 | 275492 | 48.346 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.984 | 142 | 633238 | 49.139 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.208 | 142 | 592043 | 46.033 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.343 | 216 | 313075 | 58.624 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.319 | 237 | 398785 | 226.104 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.660 | 196 | 222258 | 60.370 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101446.D
Acq On : 1 Nov 2024 10:58
Operator : RC/JU
Sample : P4616-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 11:48:44 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 :**
BP-F10MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.766 | 196 | 236822 | 56.172 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.013 | 154 | 798089 | 54.758 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.060 | 162 | 628237 | 54.558 | ng | 98 |
| 48) 2-Nitroaniline | 13.389 | 65 | 177207 | 57.184 | ng | 98 |
| 49) Acenaphthylene | 13.917 | 152 | 999423 | 58.690 | ng | 99 |
| 50) Dimethylphthalate | 13.688 | 163 | 783944 | 52.206 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.829 | 165 | 176328 | 50.861 | ng | 94 |
| 52) Acenaphthene | 14.247 | 154 | 604295 | 54.346 | ng | 100 |
| 53) 3-Nitroaniline | 14.235 | 138 | 129222 | 37.485 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.376 | 184 | 240363 | 96.342 | ng | 99 |
| 55) Dibenzofuran | 14.593 | 168 | 949435 | 53.572 | ng | 98 |
| 56) 4-Nitrophenol | 14.664 | 139 | 338331 | 107.170 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.611 | 165 | 249940 | 52.366 | ng | 98 |
| 58) Fluorene | 15.228 | 166 | 774475 | 52.238 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.858 | 232 | 215089 | 55.217 | ng | 98 |
| 60) Diethylphthalate | 15.016 | 149 | 787559 | 50.141 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.216 | 204 | 378580 | 51.458 | ng | 98 |
| 62) 4-Nitroaniline | 15.427 | 138 | 194415 | 50.681 | ng | 97 |
| 63) Azobenzene | 15.510 | 77 | 692851 | 51.319 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.357 | 198 | 158580 | 59.343 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.469 | 169 | 683725 | 56.694 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.103 | 248 | 264643 | 55.321 | ng | 96 |
| 68) Hexachlorobenzene | 16.209 | 284 | 339920 | 54.211 | ng | 98 |
| 69) Atrazine | 16.403 | 200 | 248280 | 67.152 | ng | 99 |
| 70) Pentachlorophenol | 16.614 | 266 | 407135 | 112.802 | ng | 99 |
| 71) Phenanthrene | 16.967 | 178 | 1218671 | 55.970 | ng | 98 |
| 72) Anthracene | 17.049 | 178 | 1260120 | 59.270 | ng | 98 |
| 73) Carbazole | 17.384 | 167 | 1193447 | 54.861 | ng | 98 |
| 74) Di-n-butylphthalate | 17.825 | 149 | 1391567 | 58.106 | ng | 98 |
| 75) Fluoranthene | 18.970 | 202 | 1498003 | 56.645 | ng | 97 |
| 77) Benzidine | 19.223 | 184 | 845355 | 117.186 | ng | 99 |
| 78) Pyrene | 19.341 | 202 | 1612984 | 51.604 | ng | 97 |
| 80) Butylbenzylphthalate | 20.187 | 149 | 723371 | 52.790 | ng | 100 |
| 81) Benzo(a)anthracene | 21.068 | 228 | 1833423 | 57.390 | ng | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.039 | 252 | 545350 | 43.577 | ng | 99 |
| 83) Chrysene | 21.121 | 228 | 1741485 | 56.380 | ng | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 20.892 | 149 | 1067563 | 58.646 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.738 | 149 | 1933685 | 64.722 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.721 | 276 | 3111634 | 58.480 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.672 | 252 | 2203935 | 53.192 | ng | 98 |
| 89) Benzo(k)fluoranthene | 22.713 | 252 | 2188710 | 56.542 | ng | 98 |
| 90) Benzo(a)pyrene | 23.271 | 252 | 2175973 | 60.050 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.715 | 278 | 2555098 | 58.115 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.473 | 276 | 2381257 | 52.565 | ng | 99 |

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

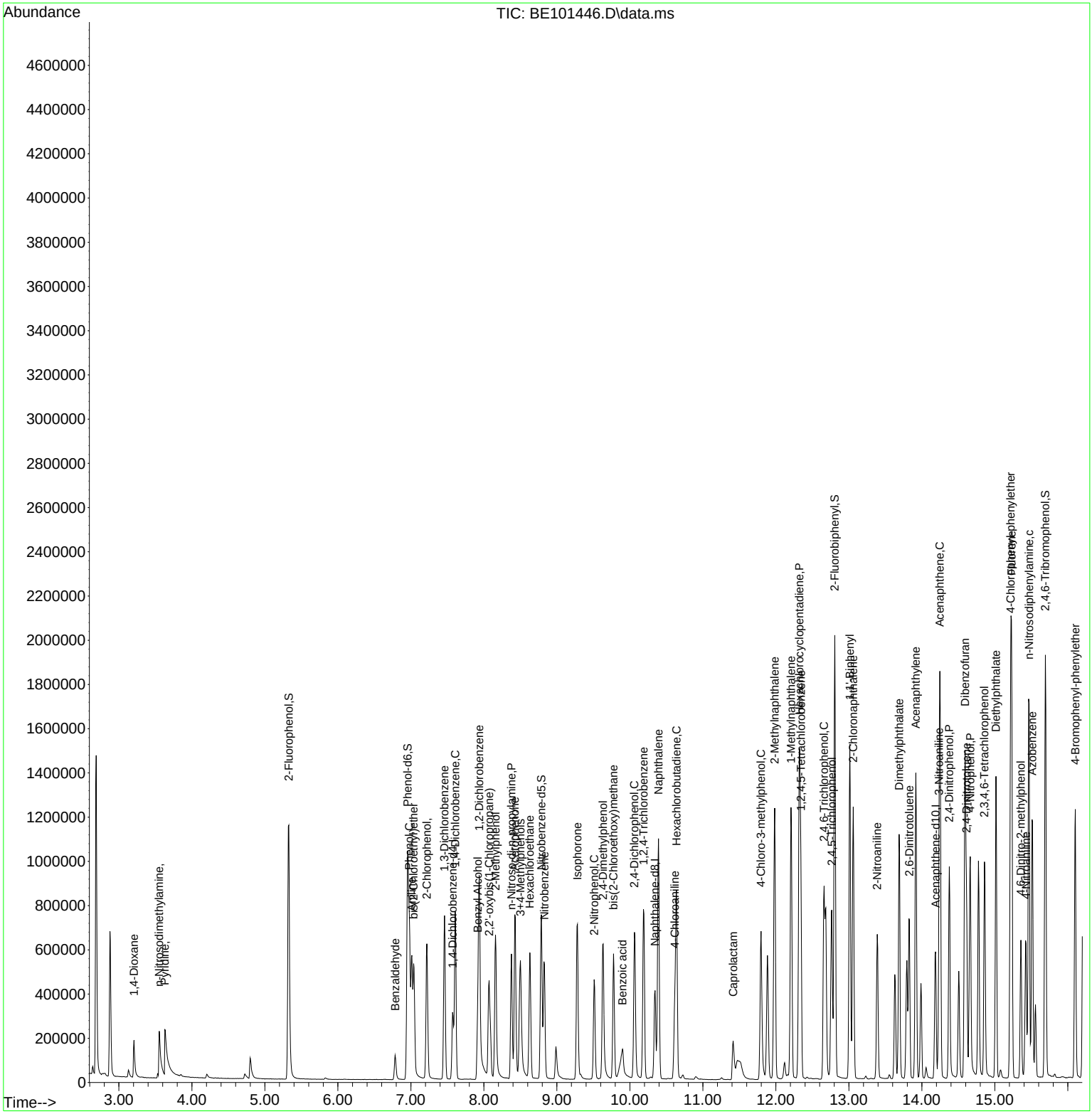
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101446.D
Acq On : 1 Nov 2024 10:58
Operator : RC/JU
Sample : P4616-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 11:48:44 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 :**
BP-F10MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101446.D
Acq On : 1 Nov 2024 10:58
Operator : RC/JU
Sample : P4616-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 11:48:44 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 :**
BP-F10MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024