Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132817.D
Acq On : 16 Mar 2023 17:23
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 17 03:27:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:14:19 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 226358 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 798871 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 412743 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.498 | 188 | 766447 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.157 | 240 | 482682 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.680 | 264 | 432244 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 1209484 | 90.162 | ng | 0.00 |
| 7) Phenol-d6 | 6.604 | 99 | 1567615 | 90.032 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.534 | 82 | 1454612 | 93.181 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.804 | 330 | 407276 | 92.824 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 2193425 | 87.297 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.086 | 244 | 2447394 | 91.556 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 365451 | 48.337 | ng | 99 |
| 3) Pyridine | 3.575 | 79 | 984577 | 52.918 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.551 | 42 | 348598 | 50.467 | ng | 97 |
| 6) Aniline | 6.634 | 93 | 1019593 | 50.978 | ng | 99 |
| 8) 2-Chlorophenol | 6.757 | 128 | 656093 | 45.834 | ng | 94 |
| 9) Benzaldehyde | 6.516 | 77 | 263951 | 36.838 | ng | 99 |
| 10) Phenol | 6.616 | 94 | 902192 | 45.611 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 901882 | 49.301 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 707535 | 45.606 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.981 | 146 | 700016 | 45.208 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.139 | 146 | 617552 | 43.709 | ng | 98 |
| 15) Benzyl Alcohol | 7.110 | 79 | 505147 | 50.160 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 808136 | 45.403 | ng | 88 |
| 17) 2-Methylphenol | 7.222 | 107 | 595608 | 45.786 | ng | 95 |
| 18) Hexachloroethane | 7.475 | 117 | 278588 | 47.015 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 429866 | 43.269 | ng | 98 |
| 20) 3+4-Methylphenols | 7.375 | 107 | 632863 | 40.404 | ng | 95 |
| 22) Acetophenone | 7.381 | 105 | 816576 | 42.811 | ng | 97 |
| 24) Nitrobenzene | 7.557 | 77 | 795918 | 47.160 | ng | 99 |
| 25) Isophorone | 7.786 | 82 | 1472286 | 47.976 | ng | 99 |
| 26) 2-Nitrophenol | 7.863 | 139 | 381457 | 48.523 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.898 | 122 | 565315 | 46.415 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.992 | 93 | 866618 | 47.016 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.110 | 162 | 589770 | 46.771 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 621380 | 46.072 | ng | 100 |
| 31) Naphthalene | 8.269 | 128 | 1790793 | 44.684 | ng | 99 |
| 32) Benzoic acid | 8.045 | 122 | 360293 | 48.042 | ng | 95 |
| 33) 4-Chloroaniline | 8.322 | 127 | 889131m | 51.012 | ng | |
| 34) Hexachlorobutadiene | 8.381 | 225 | 398460 | 46.565 | ng | 97 |
| 35) Caprolactam | 8.710 | 113 | 192946m | 49.910 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.804 | 107 | 615125 | 47.965 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.963 | 142 | 1217794 | 45.311 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.063 | 142 | 1137589 | 44.955 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.128 | 216 | 636219 | 46.988 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.110 | 237 | 327648 | 51.805 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.239 | 196 | 429954 | 48.769 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.292 | 196 | 515201 | 50.193 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.428 | 154 | 1396900 | 45.620 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.457 | 162 | 1130025 | 46.607 | ng | | 98 |
| 48) 2-Nitroaniline | 9.557 | 65 | 387506 | 48.666 | ng | | 97 |
| 49) Acenaphthylene | 9.869 | 152 | 1714893 | 46.026 | ng | | 99 |
| 50) Dimethylphthalate | 9.728 | 163 | 1417443 | 47.899 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.792 | 165 | 320363 | 48.960 | ng | | 91 |
| 52) Acenaphthene | 10.045 | 154 | 1014603 | 45.238 | ng | | 99 |
| 53) 3-Nitroaniline | 9.969 | 138 | 368281 | 50.349 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 10.075 | 184 | 173536 | 50.222 | ng | | 95 |
| 55) Dibenzofuran | 10.216 | 168 | 1531696 | 44.428 | ng | | 99 |
| 56) 4-Nitrophenol | 10.133 | 139 | 243855 | 55.918 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.204 | 165 | 404868 | 48.438 | ng | | 99 |
| 58) Fluorene | 10.557 | 166 | 1225414 | 44.698 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.333 | 232 | 365139 | 49.085 | ng | | 99 |
| 60) Diethylphthalate | 10.422 | 149 | 1307758 | 46.633 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 657680 | 45.701 | ng | | 97 |
| 62) 4-Nitroaniline | 10.586 | 138 | 280375 | 43.837 | ng | | 97 |
| 63) Azobenzene | 10.704 | 77 | 1336773 | 46.624 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.616 | 198 | 252841 | 53.825 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.669 | 169 | 1086430 | 45.866 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.039 | 248 | 416663 | 47.021 | ng | | 93 |
| 68) Hexachlorobenzene | 11.110 | 284 | 441786 | 47.079 | ng | | 94 |
| 69) Atrazine | 11.192 | 200 | 325727 | 47.751 | ng | | 97 |
| 70) Pentachlorophenol | 11.304 | 266 | 223725 | 56.337 | ng | | 99 |
| 71) Phenanthrene | 11.527 | 178 | 1729293 | 44.825 | ng | | 99 |
| 72) Anthracene | 11.580 | 178 | 1791157 | 45.323 | ng | | 100 |
| 73) Carbazole | 11.733 | 167 | 1615045 | 45.516 | ng | | 98 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 1927334 | 45.592 | ng | | 100 |
| 75) Fluoranthene | 12.721 | 202 | 1881230 | 44.808 | ng | | 98 |
| 77) Benzidine | 12.863 | 184 | 172454m | 56.420 | ng | | |
| 78) Pyrene | 12.951 | 202 | 1898435 | 47.323 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.557 | 149 | 793519 | 48.351 | ng | | 94 |
| 81) Benzo(a)anthracene | 14.145 | 228 | 1633812 | 46.763 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.098 | 252 | 397375 | 43.816 | ng | | 98 |
| 83) Chrysene | 14.180 | 228 | 1582961 | 47.947 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149 | 977767 | 47.379 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 14.727 | 149 | 1547256 | 47.859 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.256 | 276 | 1410451 | 52.055 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.227 | 252 | 1311929 | 46.530 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.257 | 252 | 1274717 | 46.263 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.615 | 252 | 1303351 | 49.585 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.274 | 278 | 1140689 | 51.587 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.739 | 276 | 1244581 | 53.868 | ng | | 98 |

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

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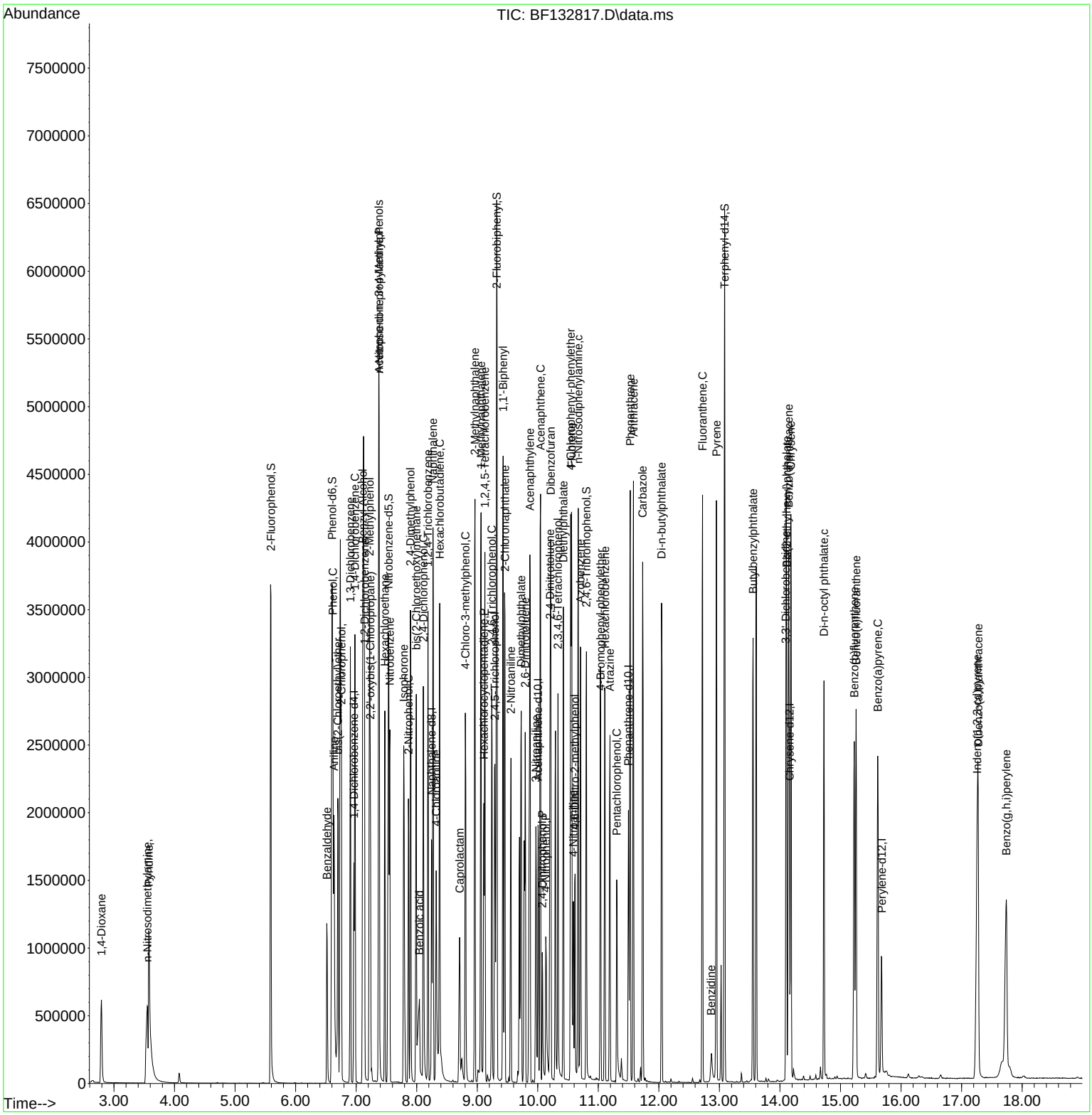
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