Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078827.D
Acq On : 29 Apr 2015 21:50
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

Quant Time: Apr 30 02:03:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 68678 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.96 | 136 | 298547 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.14 | 164 | 141329 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.98 | 188 | 271841 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.29 | 240 | 285114 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 18.03 | 264 | 283784 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.67 | 112 | 301128 | 80.53 | ng | | -0.01 |
| 7) Phenol-d6 | 6.92 | 99 | 417903 | 83.68 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.07 | 82 | 365563 | 88.16 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.11 | 330 | 111602 | 81.47 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 10.31 | 172 | 802336 | 77.74 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.98 | 244 | 897309 | 74.95 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.35 | 88 | 64982 | 37.88 | ng | # | 15 |
| 3) Pyridine | 3.12 | 79 | 202014 | 39.87 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.04 | 42 | 91889 | 40.37 | ng | | 99 |
| 6) Aniline | 6.97 | 93 | 303392 | 41.59 | ng | | 98 |
| 8) 2-Chlorophenol | 7.11 | 128 | 174509 | 40.60 | ng | | 99 |
| 9) Benzaldehyde | 6.83 | 77 | 146699 | 40.70 | ng | | 96 |
| 10) Phenol | 6.94 | 94 | 232454 | 39.38 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.06 | 93 | 169959 | 38.93 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.30 | 146 | 193072 | 38.69 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.40 | 146 | 202102 | 39.55 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.59 | 146 | 192593 | 40.34 | ng | | 98 |
| 15) Benzyl Alcohol | 7.55 | 79 | 153623 | 41.28 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.74 | 45 | 272576 | 39.94 | ng | | 98 |
| 17) 2-Methylphenol | 7.69 | 107 | 140354 | 40.34 | ng | | 96 |
| 18) Hexachloroethane | 8.01 | 117 | 67699 | 40.12 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.90 | 70 | 144213 | 41.39 | ng | # | 85 |
| 20) 3+4-Methylphenols | 7.88 | 107 | 189230 | 41.75 | ng | | 92 |
| 22) Acetophenone | 7.88 | 105 | 258215 | 39.04 | ng | # | 94 |
| 24) Nitrobenzene | 8.09 | 77 | 187740 | 42.28 | ng | | 96 |
| 25) Isophorone | 8.39 | 82 | 361769 | 38.59 | ng | | 96 |
| 26) 2-Nitrophenol | 8.49 | 139 | 67233 | 51.87 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 8.55 | 122 | 160811 | 38.67 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 8.67 | 93 | 235807 | 40.74 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.78 | 162 | 141310 | 39.75 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.89 | 180 | 155256 | 38.03 | ng | | 98 |
| 31) Naphthalene | 8.98 | 128 | 532471 | 37.58 | ng | | 100 |
| 32) Benzoic acid | 8.63 | 122 | 69506 | 55.07 | ng | | 97 |
| 33) 4-Chloroaniline | 9.05 | 127 | 227375 | 38.13 | ng | | 94 |
| 34) Hexachlorobutadiene | 9.14 | 225 | 91240 | 39.62 | ng | | 97 |
| 35) Caprolactam | 9.47 | 113 | 44794 | 39.58 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 9.66 | 107 | 152724 | 40.92 | ng | # | 83 |
| 37) 2-Methylnaphthalene | 9.85 | 142 | 372137 | 39.04 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.06 | 216 | 157102 | 39.23 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 10.04 | 237 | 68986 | 40.98 | ng | | 95 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.19 | 196 | 105628 | 43.29 | ng | | 93 |
| 43) 2,4,5-Trichlorophenol | 10.23 | 196 | 101210 | 38.97 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 10.43 | 154 | 439722 | 38.77 | ng | | 95 |
| 46) 2-Chloronaphthalene | 10.44 | 162 | 335816 | 37.89 | ng | | 96 |
| 47) 2-Nitroaniline | 10.57 | 65 | 89544 | 46.25 | ng | | 86 |
| 48) Acenaphthylene | 10.96 | 152 | 557832 | 38.46 | ng | | 100 |
| 49) Dimethylphthalate | 10.81 | 163 | 389146 | 38.73 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.88 | 165 | 73147 | 44.69 | ng | | 89 |
| 51) Acenaphthene | 11.18 | 154 | 333836 | 39.19 | ng | | 98 |
| 52) 3-Nitroaniline | 11.09 | 138 | 97432 | 45.88 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 11.21 | 184 | 12750 | 51.69 | ng | # | 69 |
| 54) Dibenzofuran | 11.39 | 168 | 481103 | 38.50 | ng | | 99 |
| 55) 4-Nitrophenol | 11.28 | 139 | 69746 | 44.13 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 11.38 | 165 | 95042 | 48.22 | ng | # | 69 |
| 57) Fluorene | 11.82 | 166 | 390385 | 39.08 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.54 | 232 | 83305 | 42.84 | ng | # | 100 |
| 59) Diethylphthalate | 11.69 | 149 | 399211 | 39.93 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.83 | 204 | 173110 | 38.95 | ng | | 94 |
| 61) 4-Nitroaniline | 11.84 | 138 | 99833 | 45.75 | ng | | 97 |
| 62) Azobenzene | 12.02 | 77 | 405535 | 39.78 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 11.87 | 198 | 24633 | 53.06 | ng | # | 64 |
| 65) n-Nitrosodiphenylamine | 11.98 | 169 | 349643 | 39.78 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 12.43 | 248 | 106231 | 38.71 | ng | # | 90 |
| 67) Hexachlorobenzene | 12.49 | 284 | 120590 | 38.80 | ng | | 92 |
| 68) Atrazine | 12.64 | 200 | 96043 | 40.80 | ng | | 98 |
| 69) Pentachlorophenol | 12.74 | 266 | 60546 | 46.16 | ng | | 97 |
| 70) Phenanthrene | 13.02 | 178 | 588871 | 40.01 | ng | | 100 |
| 71) Anthracene | 13.07 | 178 | 558542 | 38.81 | ng | | 100 |
| 72) Carbazole | 13.28 | 167 | 555706 | 40.89 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.74 | 149 | 613021 | 38.94 | ng | # | 97 |
| 74) Fluoranthene | 14.49 | 202 | 607815 | 41.41 | ng | | 99 |
| 76) Benzidine | 14.67 | 184 | 328600 | 35.60 | ng | | 99 |
| 77) Pyrene | 14.78 | 202 | 642023 | 38.54 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.60 | 149 | 248106 | 38.84 | ng | | 98 |
| 80) Benzo(a)anthracene | 16.27 | 228 | 610422 | 39.90 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 16.25 | 252 | 202321 | 38.86 | ng | | 98 |
| 82) Chrysene | 16.32 | 228 | 581931 | 39.03 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 16.32 | 149 | 393262 | 38.35 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 17.12 | 149 | 613450 | 38.47 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.55 | 276 | 710556 | 42.01 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.58 | 252 | 563998 | 36.72 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 17.61 | 252 | 626415m | 42.08 | ng | | |
| 89) Benzo(a)pyrene | 17.97 | 252 | 550891 | 40.08 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 19.59 | 278 | 566504 | 39.80 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 20.00 | 276 | 584491 | 40.91 | ng | | 97 |

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

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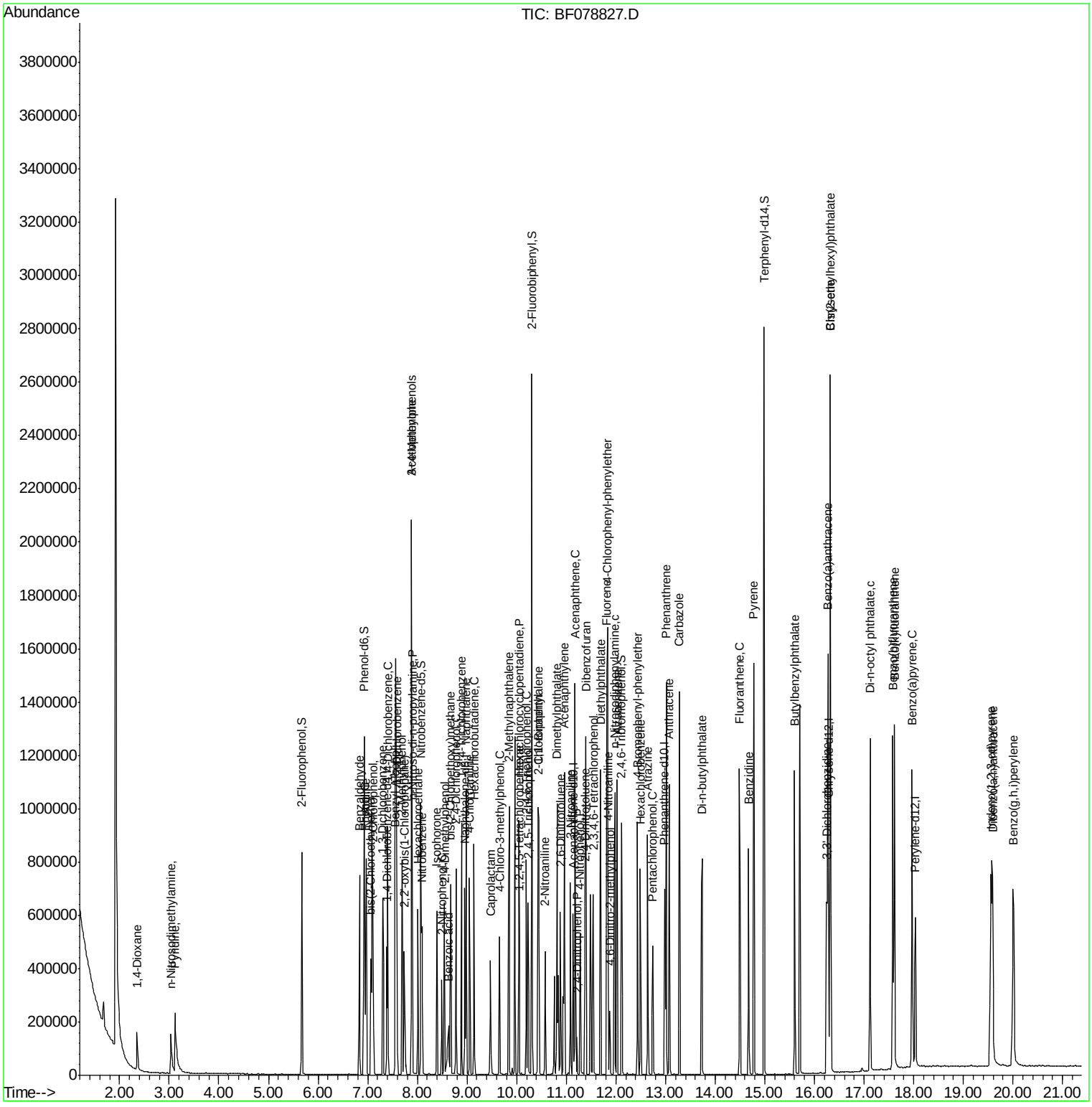
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