Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082527.D
Acq On : 27 Oct 2015 3:11
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 27 06:58:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 101236 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 396894 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 195644 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 366850 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.91 | 240 | 334579 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.34 | 264 | 288524 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 421375 | 82.17 | ng | | 0.00 |
| 7) Phenol-d6 | 6.38 | 99 | 518644 | 77.60 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 480801 | 78.15 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 119271 | 81.41 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 900338 | 73.18 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.85 | 244 | 838039 | 72.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.23 | 88 | 92605 | 35.98 | ng | | 96 |
| 3) Pyridine | 2.91 | 79 | 251353 | 41.89 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.89 | 42 | 103899 | 39.38 | ng | | 98 |
| 6) Aniline | 6.39 | 93 | 347584 | 41.27 | ng | | 96 |
| 8) 2-Chlorophenol | 6.51 | 128 | 249834 | 41.54 | ng | | 99 |
| 9) Benzaldehyde | 6.27 | 77 | 138022 | 41.95 | ng | | 98 |
| 10) Phenol | 6.40 | 94 | 278504 | 36.70 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 230078 | 38.21 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 286952 | 39.99 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 292203 | 39.58 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.90 | 146 | 256784 | 37.48 | ng | | 99 |
| 15) Benzyl Alcohol | 6.89 | 79 | 193155 | 41.52 | ng | # | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 327990 | 40.23 | ng | | 97 |
| 17) 2-Methylphenol | 7.01 | 107 | 197084 | 40.86 | ng | | 98 |
| 18) Hexachloroethane | 7.23 | 117 | 100136 | 39.85 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 163000 | 37.43 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.17 | 107 | 244851 | 39.73 | ng | | 97 |
| 22) Acetophenone | 7.15 | 105 | 339877 | 39.47 | ng | | 98 |
| 24) Nitrobenzene | 7.33 | 77 | 274074 | 39.90 | ng | | 97 |
| 25) Isophorone | 7.57 | 82 | 469928 | 38.45 | ng | | 99 |
| 26) 2-Nitrophenol | 7.65 | 139 | 134507 | 40.53 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.69 | 122 | 223550 | 41.45 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93 | 279267 | 38.96 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.89 | 162 | 216795 | 40.30 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.97 | 180 | 237453 | 39.04 | ng | | 99 |
| 31) Naphthalene | 8.05 | 128 | 689389 | 38.01 | ng | | 99 |
| 32) Benzoic acid | 7.85 | 122 | 109202m | 36.14 | ng | | |
| 33) 4-Chloroaniline | 8.10 | 127 | 292364 | 41.58 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.15 | 225 | 130947 | 37.22 | ng | | 98 |
| 35) Caprolactam | 8.49 | 113 | 57325 | 38.34 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.59 | 107 | 214897 | 41.08 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 475021 | 38.77 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 237651 | 40.24 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.88 | 237 | 38419 | 35.54 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.02 | 196 | 144445 | 39.24 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.06 | 196 | 157394 | 40.77 | ng | # | 92 |
| 45) 1,1'-Biphenyl | 9.20 | 154 | 603069 | 41.42 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.22 | 162 | 463791 | 40.41 | ng | | 99 |
| 47) 2-Nitroaniline | 9.34 | 65 | 138424 | 41.53 | ng | # | 55 |
| 48) Acenaphthylene | 9.63 | 152 | 687724 | 37.42 | ng | | 99 |
| 49) Dimethylphthalate | 9.51 | 163 | 532304 | 39.10 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.58 | 165 | 125483 | 42.04 | ng | # | 83 |
| 51) Acenaphthene | 9.81 | 154 | 403457 | 38.28 | ng | | 99 |
| 52) 3-Nitroaniline | 9.75 | 138 | 138445 | 42.74 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.86 | 184 | 39776 | 37.10 | ng | # | 86 |
| 54) Dibenzofuran | 9.98 | 168 | 572767 | 37.24 | ng | | 99 |
| 55) 4-Nitrophenol | 9.93 | 139 | 39084m | 35.84 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.98 | 165 | 146274 | 40.41 | ng | | 90 |
| 57) Fluorene | 10.32 | 166 | 466685 | 36.96 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.10 | 232 | 120369 | 40.73 | ng | | 97 |
| 59) Diethylphthalate | 10.21 | 149 | 534915 | 40.37 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204 | 226089 | 38.07 | ng | | 95 |
| 61) 4-Nitroaniline | 10.37 | 138 | 136724 | 42.15 | ng | | 97 |
| 62) Azobenzene | 10.48 | 77 | 499938 | 39.07 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 84228 | 39.14 | ng | # | 62 |
| 65) n-Nitrosodiphenylamine | 10.43 | 169 | 425957 | 38.38 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 127903 | 37.15 | ng | | 94 |
| 67) Hexachlorobenzene | 10.87 | 284 | 149452 | 40.70 | ng | # | 91 |
| 68) Atrazine | 10.97 | 200 | 138716 | 40.37 | ng | | 98 |
| 69) Pentachlorophenol | 11.07 | 266 | 46198 | 35.34 | ng | | 95 |
| 70) Phenanthrene | 11.28 | 178 | 703220 | 37.25 | ng | | 100 |
| 71) Anthracene | 11.34 | 178 | 760259 | 39.99 | ng | | 99 |
| 72) Carbazole | 11.50 | 167 | 648474 | 38.68 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.83 | 149 | 775923 | 38.80 | ng | # | 97 |
| 74) Fluoranthene | 12.47 | 202 | 752260 | 38.82 | ng | | 99 |
| 76) Benzidine | 12.61 | 184 | 373040 | 40.63 | ng | | 99 |
| 77) Pyrene | 12.70 | 202 | 766497 | 37.25 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.33 | 149 | 342364 | 39.57 | ng | # | 71 |
| 80) Benzo(a)anthracene | 13.90 | 228 | 687559 | 38.33 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.86 | 252 | 255007 | 41.00 | ng | | 98 |
| 82) Chrysene | 13.93 | 228 | 619836 | 36.58 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149 | 435233 | 37.56 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 14.52 | 149 | 769645 | 40.25 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.71 | 276 | 600443 | 38.57 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.94 | 252 | 583643m | 34.06 | ng | | |
| 88) Benzo(k)fluoranthene | 14.97 | 252 | 638802m | 45.73 | ng | | |
| 89) Benzo(a)pyrene | 15.28 | 252 | 573930 | 38.66 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.71 | 278 | 500933 | 40.33 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 17.12 | 276 | 485277 | 39.49 | ng | | 98 |

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

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