Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 9036

**Manual Integrations APPROVED**
mohammad
2/2/2016 4:18:04 PM

Quant Time: Feb 02 04:18:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 167476 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.00 | 136 | 688741 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.74 | 164 | 317848 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.23 | 188 | 634016 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.86 | 240 | 486238 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.24 | 264 | 364718 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 1526595 | 141.98 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 2132421 | 159.98 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 1231806 | 100.75 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 536885 | 161.94 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 2149969 | 171.64 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.82 | 244 | 2014343 | 93.88 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 2.92 | 42 | 988181 | 155.70 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 6.45 | 93 | 1141864 | 98.06 | ng | # | 81 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 1163684 | 90.50 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 1628760 | 126.71 | ng | # | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45 | 2392148 | 122.12 | ng | | 88 |
| 18) Hexachloroethane | 7.23 | 117 | 503030 | 101.62 | ng | # | 91 |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70 | 849606 | 101.68 | ng | # | 74 |
| 24) Nitrobenzene | 7.31 | 77 | 1733608 | 132.41 | ng | | 99 |
| 25) Isophorone | 7.54 | 82 | 1579215 | 66.43 | ng | | 98 |
| 31) Naphthalene | 8.02 | 128 | 2812582 | 81.41 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.14 | 225 | 588167 | 93.97 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 666691 | 30.83 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.86 | 237 | 622928 | 117.49 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.20 | 162 | 1578515 | 75.50 | ng | | 96 |
| 48) Acenaphthylene | 9.62 | 152 | 2712013 | 85.48 | ng | | 96 |
| 49) Dimethylphthalate | 9.49 | 163 | 3632357 | 150.04 | ng | # | 90 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 303105 | 57.31 | ng | # | 60 |
| 57) Fluorene | 10.30 | 166 | 2871171 | 136.29 | ng | | 99 |
| 59) Diethylphthalate | 10.19 | 149 | 3238028 | 136.98 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 971222 | 138.69 | ng | # | 91 |
| 67) Hexachlorobenzene | 10.85 | 284 | 535198 | 70.14 | ng | | 95 |
| 70) Phenanthrene | 11.25 | 178 | 1675215 | 47.64 | ng | | 97 |
| 71) Anthracene | 11.31 | 178 | 1016854 | 28.70 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.80 | 149 | 1466838 | 37.29 | ng | # | 97 |
| 74) Fluoranthene | 12.44 | 202 | 2213628 | 62.20 | ng | | 98 |
| 77) Pyrene | 12.67 | 202 | 2262522 | 60.77 | ng | | 97 |
| 82) Chrysene | 13.89 | 228 | 2142521 | 73.21 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 951185 | 45.26 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.48 | 149 | 4296720 | 123.92 | ng | # | 87 |
| 85) Indeno(1,2,3-cd)pyrene | 16.56 | 276 | 1581725 | 68.67 | ng | # | 93 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 1525849m | 62.27 | ng | | |
| 88) Benzo(k)fluoranthene | 14.89 | 252 | 1193410m | 58.90 | ng | | |
| 91) Benzo(g,h,i)perylene | 16.98 | 276 | 2988053 | 168.77 | ng | | 99 |

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

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