Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095459.D
Acq On : 26 May 2017 14:14
Operator : SJ/MA
Sample : I3240-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EP2-WC8(0-8)

**Manual Integrations APPROVED**
mohammad
5/30/2017 1:35:56 PM

Quant Time: May 26 17:07:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 95378 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.76 | 136 | 396040 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.59 | 164 | 170483 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 15.00 | 188 | 256779 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 18.68 | 240 | 188471 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 20.36 | 264 | 173819 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 732009 | 127.96 | ng | | 0.00 |
| 7) Phenol-d6 | 7.29 | 99 | 864712 | 125.98 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.64 | 82 | 499167 | 79.48 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.90 | 330 | 143677 | 102.91 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 11.53 | 172 | 885518 | 74.76 | ng | | 0.00 |
| 78) Terphenyl-d14 | 17.32 | 244 | 527334 | 61.63 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.31 | 94 | 47640 | 6.59 | ng | | 86 |
| 20) 3+4-Methylphenols | 8.57 | 107 | 48312 | 6.67 | ng | # | 63 |
| 27) 2,4-Dimethylphenol | 9.39 | 122 | 12850 | 2.24 | ng | | 98 |
| 31) Naphthalene | 9.81 | 128 | 3293826 | 165.48 | ng | | 99 |
| 37) 2-Methylnaphthalene | 10.92 | 142 | 976969 | 74.79 | ng | | 98 |
| 45) 1,1'-Biphenyl | 11.68 | 154 | 329350 | 22.95 | ng | | 98 |
| 48) Acenaphthylene | 12.37 | 152 | 39096 | 2.15 | ng | # | 82 |
| 49) Dimethylphthalate | 12.22 | 163 | 161980 | 11.57 | ng | | 98 |
| 51) Acenaphthene | 12.65 | 154 | 623420 | 57.50 | ng | | 99 |
| 54) Dibenzofuran | 12.94 | 168 | 1169646 | 77.95 | ng | | 99 |
| 57) Fluorene | 13.49 | 166 | 420286 | 32.21 | ng | | 98 |
| 70) Phenanthrene | 15.07 | 178 | 4257457 | 288.57 | ng | | 100 |
| 71) Anthracene | 15.12 | 178 | 227709m | 15.11 | ng | | |
| 72) Carbazole | 15.41 | 167 | 355512 | 25.93 | ng | | 98 |
| 74) Fluoranthene | 16.81 | 202 | 2930143 | 193.61 | ng | | 99 |
| 77) Pyrene | 17.11 | 202 | 2590531 | 183.78 | ng | | 100 |
| 80) Benzo(a)anthracene | 18.67 | 228 | 912635 | 83.20 | ng | | 99 |
| 82) Chrysene | 18.72 | 228 | 1239871 | 116.90 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 21.69 | 276 | 433475 | 50.33 | ng | | 93 |
| 87) Benzo(b)fluoranthene | 19.96 | 252 | 1363320m | 126.93 | ng | | |
| 88) Benzo(k)fluoranthene | 19.98 | 252 | 377073m | 36.40 | ng | | |
| 89) Benzo(a)pyrene | 20.31 | 252 | 834514 | 84.20 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 21.68 | 278 | 105827m | 12.93 | ng | | |
| 91) Benzo(g,h,i)perylene | 22.07 | 276 | 410912 | 51.16 | ng | | 98 |

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

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