Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-175(5-7)

**Manual Integrations APPROVED**
mohammad
11/17/2014 7:38:26 PM

Quant Time: Nov 17 14:28:56 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 01:17:49 2014
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 49619 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.13 | 136 | 213184 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.32 | 164 | 111781 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 13.17 | 188 | 198540 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 16.46 | 240 | 201096 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 18.20 | 264 | 209237 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.85 | 112 | 349911 | 124.58 | ng | | 0.01 |
| 7) Phenol-d6 | 7.11 | 99 | 459969 | 136.18 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 8.24 | 82 | 246135 | 84.65 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.30 | 330 | 106176 | 113.41 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.48 | 172 | 455457 | 73.63 | ng | | 0.00 |
| 78) Terphenyl-d14 | 15.17 | 244 | 444874 | 59.56 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.12 | 94 | 10214 | 2.48 | ng | | 94 |
| 31) Naphthalene | 9.17 | 128 | 1043511 | 109.79 | ng | | 98 |
| 32) Benzoic acid | 8.82 | 122 | 188813 | 105.01 | ng | # | 59 |
| 37) 2-Methylnaphthalene | 10.02 | 142 | 276985 | 42.72 | ng | | 96 |
| 48) Acenaphthylene | 11.14 | 152 | 80910 | 8.32 | ng | | 94 |
| 49) Dimethylphthalate | 10.98 | 163 | 55221 | 7.23 | ng | # | 98 |
| 51) Acenaphthene | 11.36 | 154 | 12645 | 2.16 | ng | # | 83 |
| 57) Fluorene | 12.00 | 166 | 26396 | 3.89 | ng | # | 91 |
| 70) Phenanthrene | 13.19 | 178 | 184084 | 17.62 | ng | | 99 |
| 71) Anthracene | 13.26 | 178 | 71290 | 6.60 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.90 | 149 | 209416 | 14.35 | ng | # | 98 |
| 74) Fluoranthene | 14.68 | 202 | 226040 | 20.20 | ng | | 99 |
| 77) Pyrene | 14.96 | 202 | 317600 | 27.17 | ng | | 99 |
| 80) Benzo(a)anthracene | 16.45 | 228 | 183735 | 17.39 | ng | # | 74 |
| 82) Chrysene | 16.49 | 228 | 153214 | 16.77 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 16.48 | 149 | 122125 | 11.81 | ng | # | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 19.76 | 276 | 75699 | 6.83 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.74 | 252 | 181575m | 16.23 | ng | | |
| 88) Benzo(k)fluoranthene | 17.75 | 252 | 76651m | 7.63 | ng | | |
| 89) Benzo(a)pyrene | 18.13 | 252 | 131981 | 13.19 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 19.79 | 278 | 23876 | 2.28 | ng | # | 70 |
| 91) Benzo(g,h,i)perylene | 20.23 | 276 | 83650 | 8.40 | ng | | 99 |

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

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