Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096855.D
Acq On : 18 Jul 2017 19:09
Operator : SJ/JU
Sample : I4244-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PENNSYLVANIA-ANALYTICAL

**Manual Integrations APPROVED**
mohammad
7/19/2017 2:31:39 PM

Quant Time: Jul 19 13:43:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.61 | 152 | 82608 | 20.00 | ng | | 0.01 |
| 21) Naphthalene-d8 | 7.90 | 136 | 120383 | 20.00 | ng | | 0.02 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 14075 | 20.00 | ng | | -0.05 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 61856 | 20.00 | ng | | 0.11 |
| 75) Chrysene-d12 | 13.76 | 240 | 169041 | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 15.11 | 264 | 143509 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 247477 | 45.04 | ng | | 0.00 |
| 7) Phenol-d6 | 6.25 | 99 | 281796 | 42.74 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.17 | 82 | 215559 | 110.91 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 12886 | 107.26 | ng | | 0.11 |
| 44) 2-Fluorobiphenyl | 9.03 | 172 | 103191 | 115.83 | ng | | 0.07 |
| 78) Terphenyl-d14 | 12.74 | 244 | 108471 | 11.13 | ng | | 0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 70) Phenanthrene | 11.25 | 178 | 1109119 | 329.769 | ng | # | 90 |
| 74) Fluoranthene | 12.40 | 202 | 114338 | 35.517 | ng | | 77 |
| 77) Pyrene | 12.62 | 202 | 424730m | 27.685 | ng | | |
| 80) Benzo(a)anthracene | 13.75 | 228 | 54960 | 5.218 | ng | # | 60 |
| 82) Chrysene | 13.78 | 228 | 84014 | 8.103 | ng | # | 71 |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149 | 224616 | 25.304 | ng | # | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.39 | 276 | 15548 | 4.887 | ng | | 93 |
| 87) Benzo(b)fluoranthene | 14.73 | 252 | 51707m | 5.974 | ng | | |
| 89) Benzo(a)pyrene | 15.05 | 252 | 26583 | 3.349 | ng | # | 75 |
| 91) Benzo(g,h,i)perylene | 16.78 | 276 | 16535 | 2.114 | ng | # | 87 |

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

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