Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100936.D
Acq On : 28 Nov 2017 16:19
Operator : SJ/JU
Sample : I6579-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
HAR-4-E(7-8)

**Manual Integrations APPROVED**
Sohil
11/29/2017 4:28:33 PM

Quant Time: Nov 29 06:49:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 59494 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.14 | 136 | 224757 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 97624 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 150532 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 136171 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 143927 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 335813 | 90.48 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 413474 | 90.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 248729 | 73.16 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 90244 | 90.72 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 488338 | 76.17 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 348937 | 58.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.50 | 94 | 9972 | 2.076 | ng | | 90 |
| 48) Acenaphthylene | 9.76 | 152 | 73427 | 7.233 | ng | | 99 |
| 49) Dimethylphthalate | 9.60 | 163 | 20533 | 2.755 | ng | | 98 |
| 70) Phenanthrene | 11.40 | 178 | 48939 | 6.175 | ng | | 98 |
| 71) Anthracene | 11.46 | 178 | 23680 | 2.945 | ng | | 97 |
| 74) Fluoranthene | 12.59 | 202 | 85945 | 10.232 | ng | | 94 |
| 77) Pyrene | 12.82 | 202 | 82842 | 8.534 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 57725m | 7.039 | ng | | |
| 82) Chrysene | 14.04 | 228 | 51755 | 6.518 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.97 | 276 | 61154 | 9.521 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 15.06 | 252 | 102533m | 12.025 | ng | | |
| 88) Benzo(k)fluoranthene | 15.09 | 252 | 33065m | 4.104 | ng | | |
| 89) Benzo(a)pyrene | 15.43 | 252 | 77945 | 10.311 | ng | | 95 |
| 90) Dibenzo(a,h)anthracene | 16.97 | 278 | 15398m | 2.491 | ng | | |
| 91) Benzo(g,h,i)perylene | 17.42 | 276 | 95939 | 15.853 | ng | # | 94 |

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

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