Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116006.D
Acq On : 6 Aug 2019 12:02
Operator : HP/JU
Sample : PB121978BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB121978BL

Quant Time: Aug 07 01:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 161215 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.12 | 136 | 632429 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.87 | 164 | 339903 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 609170 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 14.00 | 240 | 444241 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 15.46 | 264 | 420555 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 1125602 | 116.88 | ng | 0.01 |
| 7) Phenol-d6 | 6.48 | 99 | 1456071 | 119.84 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 978170 | 89.28 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 409847 | 124.37 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 1709815 | 94.22 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.95 | 244 | 1881212 | 89.23 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Aniline | 6.62 | 93 | 1507 | 0.087 | ng | # 1 |
| 8) 2-Chlorophenol | 6.63 | 128 | 327 | 0.031 | ng | # 1 |
| 9) Benzaldehyde | 6.48 | 77 | 2138 | 0.255 | ng | # 1 |
| 10) Phenol | 6.62 | 94 | 2246 | 0.157 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 1507 | 0.143 | ng | # 1 |
| 15) Benzyl Alcohol | 7.00 | 79 | 16356 | 1.774 | ng | # 46 |
| 24) Nitrobenzene | 7.40 | 77 | 2923 | 0.247 | ng | # 33 |
| 38) 1-Methylnaphthalene | 9.20 | 142 | 633 | 0.034 | ng | # 64 |
| 46) 1,1'-Biphenyl | 9.30 | 154 | 3307 | 0.138 | ng | 91 |
| 48) 2-Nitroaniline | 9.20 | 65 | 2815 | 0.426 | ng | # 1 |
| 52) Acenaphthene | 9.87 | 154 | 958 | 0.054 | ng | # 5 |
| 58) Fluorene | 10.67 | 166 | 17183 | 0.859 | ng | # 91 |
| 63) Azobenzene | 10.67 | 77 | 1767 | 0.080 | ng | # 12 |
| 65) 4,6-Dinitro-2-methylphenol | 10.66 | 198 | 851 | 0.264 | ng | # 1 |
| 66) n-Nitrosodiphenylamine | 10.67 | 169 | 11849 | 0.646 | ng | # 43 |
| 71) Phenanthrene | 11.39 | 178 | 261 | 0.008 | ng | # 59 |
| 72) Anthracene | 11.39 | 178 | 261 | 0.008 | ng | # 60 |
| 74) Di-n-butylphthalate | 11.93 | 149 | 303 | 0.009 | ng | # 77 |
| 75) Fluoranthene | 12.59 | 202 | 127 | 0.004 | ng | 64 |
| 77) Benzidine | 12.95 | 184 | 25509 | 1.700 | ng | # 96 |
| 78) Pyrene | 12.82 | 202 | 255 | 0.008 | ng | # 56 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 1521 | 0.054 | ng | # 64 |
| 83) Chrysene | 14.03 | 228 | 576 | 0.021 | ng | # 48 |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 316 | 0.017 | ng | # 52 |
| 88) Benzo(b)fluoranthene | 15.05 | 252 | 609 | 0.025 | ng | # 61 |
| 89) Benzo(k)fluoranthene | 15.07 | 252 | 694 | 0.029 | ng | # 59 |
| 90) Benzo(a)pyrene | 15.46 | 252 | 1152 | 0.053 | ng | # 27 |

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

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