Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098064.D
Acq On : 28 Aug 2017 13:08
Operator : SJ/JU
Sample : I4961-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-11-COMP

Quant Time: Aug 28 14:02:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 107005 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 426683 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 187970 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 351943 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.90 | 240 | 230493 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.33 | 264 | 232925 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 894799 | 127.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.38 | 99 | 1250222 | 130.80 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 779988 | 99.31 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 209135 | 128.23 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 1106837 | 86.51 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.85 | 244 | 815751 | 73.80 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 49) Dimethylphthalate | 9.49 | 163 | 124845 | 9.086 | ng | | 99 |
| 70) Phenanthrene | 11.28 | 178 | 101895 | 5.433 | ng | | 99 |
| 71) Anthracene | 11.33 | 178 | 57928 | 3.045 | ng | | 98 |
| 74) Fluoranthene | 12.47 | 202 | 818340 | 41.806 | ng | | 98 |
| 77) Pyrene | 12.72 | 202 | 1852784 | 98.282 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.89 | 228 | 813743 | 58.905 | ng | | 97 |
| 82) Chrysene | 13.93 | 228 | 776456 | 56.502 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149 | 29475 | 3.680 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.72 | 276 | 266479 | 26.360 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 14.93 | 252 | 706328m | 48.108 | ng | | |
| 88) Benzo(k)fluoranthene | 14.94 | 252 | 270959m | 19.644 | ng | | |
| 89) Benzo(a)pyrene | 15.27 | 252 | 739451 | 56.891 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.73 | 278 | 89580 | 8.466 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.14 | 276 | 273398 | 24.762 | ng | | 93 |

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

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