

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088933.D
 Acq On : 12 Jul 2016 21:58
 Operator : UM/SJ
 Sample : H3934-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 C2.3-02

Manual Integrations
APPROVED
 SOHIL
 7/13/2016 9:25:40 AM

Quant Time: Jul 13 03:53:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|------------------------------------|-------|------|----------|--------|-------|----------|-------------|
| 1) 1,4-Dichlorobenzene-d4 | 6.71 | 152 | 67156 | 20.00 | ng | 0.00 | |
| 21) Naphthalene-d8 | 7.99 | 136 | 247380 | 20.00 | ng | -0.01 | |
| 38) Acenaphthene-d10 | 9.74 | 164 | 103305 | 20.00 | ng | -0.01 | |
| 63) Phenanthrene-d10 | 11.21 | 188 | 158471 | 20.00 | ng | -0.01 | |
| 75) Chrysene-d12 | 13.84 | 240 | 126768 | 20.00 | ng | -0.01 | |
| 86) Perylene-d12 | 15.21 | 264 | 120119 | 20.00 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 456389 | 101.85 | ng | 0.01 | |
| 7) Phenol-d6 | 6.36 | 99 | 641151 | 110.74 | ng | 0.01 | |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 378343 | 80.15 | ng | -0.01 | |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 92630 | 96.56 | ng | -0.01 | |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 621874 | 95.09 | ng | 0.00 | |
| 78) Terphenyl-d14 | 12.80 | 244 | 320522 | 56.32 | ng | 0.00 | |
| Target Compounds | | | | | | | |
| 6) Aniline | 6.34 | 93 | 20721 | 2.46 | ng | | Qvalue # 76 |
| 48) Acenaphthylene | 9.60 | 152 | 26434 | 2.47 | ng | | 98 |
| 49) Dimethylphthalate | 9.46 | 163 | 109337 | 14.86 | ng | | 99 |
| 70) Phenanthrene | 11.23 | 178 | 27892 | 3.22 | ng | | 98 |
| 71) Anthracene | 11.29 | 178 | 24863 | 2.89 | ng | | 97 |
| 74) Fluoranthene | 12.42 | 202 | 103232 | 11.75 | ng | | 96 |
| 77) Pyrene | 12.65 | 202 | 89690 | 8.34 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.83 | 228 | 50214m | 6.15 | ng | | |
| 82) Chrysene | 13.86 | 228 | 84539m | 10.47 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.50 | 276 | 37083 | 5.97 | ng | | # 100 |
| 87) Benzo(b)fluoranthene | 14.83 | 252 | 113971m | 15.13 | ng | | |
| 88) Benzo(k)fluoranthene | 14.85 | 252 | 48795m | 7.44 | ng | | |
| 89) Benzo(a)pyrene | 15.15 | 252 | 49944 | 7.83 | ng | | 94 |
| 90) Dibenzo(a,h)anthracene | 16.51 | 278 | 12311 | 2.31 | ng | | # 81 |
| 91) Benzo(a,h,i)perylene | 16.89 | 276 | 33987 | 6.17 | ng | | 96 |

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

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