

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089901.D
 Acq On : 25 Aug 2016 4:39
 Operator : UM/SJ
 Sample : H4576-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 SB-21A-GW

Manual Integrations
APPROVED
 umangi
 8/25/2016 6:50:32 PM

Quant Time: Aug 25 17:53:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | | |
|------------------------------------|-------|------|----------|--------|-------|----------|---|----|
| 1) 1,4-Dichlorobenzene-d4 | 6.67 | 152 | 451022 | 20.00 | ng | -0.01 | | |
| 21) Naphthalene-d8 | 7.96 | 136 | 1359924 | 20.00 | ng | -0.01 | | |
| 38) Acenaphthene-d10 | 9.72 | 164 | 591910 | 20.00 | ng | 0.01 | | |
| 63) Phenanthrene-d10 | 11.20 | 188 | 1161070 | 20.00 | ng | 0.01 | | |
| 75) Chrysene-d12 | 13.84 | 240 | 938988 | 20.00 | ng | -0.03 | | |
| 86) Perylene-d12 | 15.31 | 264 | 893130 | 20.00 | ng | -0.06 | | |
| System Monitoring Compounds | | | | | | | | |
| 5) 2-Fluorophenol | 5.24 | 112 | 1713940 | 65.17 | ng | -0.01 | | |
| 7) Phenol-d6 | 6.31 | 99 | 1402303 | 43.44 | ng | -0.01 | | |
| 23) Nitrobenzene-d5 | 7.24 | 82 | 2383979 | 108.91 | ng | -0.01 | | |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 723157 | 128.56 | ng | 0.01 | | |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 3711752 | 110.21 | ng | 0.00 | | |
| 78) Terphenyl-d14 | 12.79 | 244 | 3065467 | 73.86 | ng | 0.00 | | |
| Target Compounds | | | | | | | | |
| 31) Naphthalene | 7.99 | 128 | 5127179 | 80.67 | ng | | # | 95 |
| 37) 2-Methylnaphthalene | 8.68 | 142 | 6720104 | 163.43 | ng | | # | 94 |
| 45) 1,1'-Biphenyl | 9.14 | 154 | 1157715 | 25.27 | ng | | | 98 |
| 49) Dimethylphthalate | 9.45 | 163 | 482102m | 11.57 | ng | | | |
| 51) Acenaphthene | 9.75 | 154 | 527580 | 14.65 | ng | | | 92 |
| 54) Dibenzofuran | 9.92 | 168 | 360995m | 7.98 | ng | | | |
| 57) Fluorene | 10.26 | 166 | 1085318 | 30.11 | ng | | # | 88 |
| 70) Phenanthrene | 11.22 | 178 | 2471136 | 42.14 | ng | | # | 96 |
| 72) Carbazole | 11.43 | 167 | 452981 | 8.47 | ng | | # | 82 |
| 74) Fluoranthene | 12.40 | 202 | 112378 | 2.01 | ng | | | 64 |
| 77) Pyrene | 12.63 | 202 | 682137 | 8.92 | ng | | # | 94 |

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

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