

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097487.D
 Acq On : 9 Aug 2017 00:00
 Operator : SJ/JU
 Sample : I4655-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 TP7DEL-WC1

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:37 PM

Quant Time: Aug 09 16:34:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|-----------------------------|-------|------|----------|--------|-------|----------|-------------|
| 1) 1,4-Dichlorobenzene-d4 | 6.40 | 152 | 103060 | 20.00 | ng | 0.00 | |
| 21) Naphthalene-d8 | 7.69 | 136 | 430691 | 20.00 | ng | -0.01 | |
| 38) Acenaphthene-d10 | 9.43 | 164 | 155601 | 20.00 | ng | -0.01 | |
| 63) Phenanthrene-d10 | 10.90 | 188 | 220863 | 20.00 | ng | -0.01 | |
| 75) Chrysene-d12 | 13.53 | 240 | 175174 | 20.00 | ng | 0.00 | |
| 86) Perylene-d12 | 14.87 | 264 | 150031 | 20.00 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 4.99 | 112 | 488270 | 71.42 | ng | -0.01 | |
| 7) Phenol-d6 | 6.07 | 99 | 570963 | 73.16 | ng | -0.01 | |
| 23) Nitrobenzene-d5 | 6.97 | 82 | 344619 | 46.94 | ng | -0.02 | |
| 41) 2,4,6-Tribromophenol | 10.22 | 330 | 79512 | 64.68 | ng | -0.01 | |
| 44) 2-Fluorobiphenyl | 8.76 | 172 | 487955 | 53.22 | ng | -0.01 | |
| 78) Terphenyl-d14 | 12.49 | 244 | 270859 | 31.53 | ng | -0.01 | |
| Target Compounds | | | | | | | |
| 10) Phenol | 6.09 | 94 | 23741 | 2.564 | ng | | Qvalue # 50 |
| 31) Naphthalene | 7.71 | 128 | 128151 | 6.312 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.40 | 142 | 32752m | 2.548 | ng | | |
| 49) Dimethylphthalate | 9.17 | 163 | 130962 | 11.083 | ng | | 98 |
| 51) Acenaphthene | 9.46 | 154 | 28556 | 3.229 | ng | | 94 |
| 57) Fluorene | 9.97 | 166 | 38969 | 4.402 | ng | | 99 |
| 70) Phenanthrene | 10.93 | 178 | 192265 | 16.247 | ng | | 99 |
| 71) Anthracene | 10.98 | 178 | 60872 | 5.022 | ng | | 98 |
| 74) Fluoranthene | 12.11 | 202 | 211556 | 18.248 | ng | | 99 |
| 77) Pyrene | 12.33 | 202 | 232864 | 16.238 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.52 | 228 | 92473 | 8.159 | ng | | 97 |
| 82) Chrysene | 13.56 | 228 | 85030 | 7.683 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.07 | 276 | 28931 | 3.048 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.53 | 252 | 75323m | 8.352 | ng | | |
| 88) Benzo(k)fluoranthene | 14.54 | 252 | 27105m | 3.154 | ng | | |
| 89) Benzo(a)pyrene | 14.83 | 252 | 56901 | 6.894 | ng | | 98 |
| 91) Benzo(a,h,i)perylene | 16.42 | 276 | 31263 | 4.404 | ng | | 95 |

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

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