

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE111617\  
 Data File : BE094820.D  
 Acq On : 15 Nov 2017 18:24  
 Operator : SJ/JU  
 Sample : PB104239BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB104239BSD

Manual Integrations  
 APPROVED

SOHIL  
 11/16/2017 6:31:52 PM

Quant Time: Nov 16 02:07:16 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 22:40:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 780      | 0.40 | ng    | 0.01     |
| 7) Naphthalene-d8         | 10.72 | 136  | 3915     | 0.40 | ng    | 0.02     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 2125     | 0.40 | ng    | 0.02     |
| 19) Phenanthrene-d10      | 17.27 | 188  | 5895     | 0.40 | ng    | 0.03     |
| 27) Chrysene-d12          | 21.44 | 240  | 7060     | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 23.99 | 264  | 7364     | 0.40 | ng    | 0.04     |

## System Monitoring Compounds

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| 4) 2-Fluorophenol           | 5.60  | 112 | 659   | 0.25 | ng | 0.08 |
| 5) Phenol-d6                | 7.21  | 99  | 1176  | 0.29 | ng | 0.08 |
| 8) Nitrobenzene-d5          | 9.14  | 82  | 982m  | 0.31 | ng | 0.07 |
| 11) 2-Methylnaphthalene-d10 | 12.33 | 152 | 2533  | 0.40 | ng | 0.04 |
| 14) 2,4,6-Tribromophenol    | 16.09 | 330 | 201   | 0.34 | ng | 0.07 |
| 15) 2-Fluorobiphenyl        | 13.18 | 172 | 2502  | 0.33 | ng | 0.03 |
| 25) Fluoranthene-d10        | 19.30 | 212 | 22384 | 0.29 | ng | 0.02 |
| 29) Terphenyl-d14           | 19.88 | 244 | 3864  | 0.29 | ng | 0.01 |

## Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 382   | 0.289 | ng | # 1    |
| 3) n-Nitrosodimethylamine      | 3.75  | 42  | 338   | 0.267 | ng | # 53   |
| 6) bis(2-Chloroethyl)ether     | 7.38  | 93  | 724   | 0.232 | ng | # 82   |
| 9) Naphthalene                 | 10.77 | 128 | 12997 | 0.293 | ng | # 98   |
| 10) Hexachlorobutadiene        | 11.01 | 225 | 548   | 0.342 | ng | # 99   |
| 12) 2-Methylnaphthalene        | 12.40 | 142 | 2170  | 0.289 | ng | # 98   |
| 16) Acenaphthylene             | 14.26 | 152 | 3282  | 0.293 | ng | # 99   |
| 17) Acenaphthene               | 14.60 | 154 | 2076  | 0.288 | ng | # 98   |
| 18) Fluorene                   | 15.59 | 166 | 2672  | 0.289 | ng | # 98   |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248 | 763   | 0.237 | ng | # 84   |
| 21) Hexachlorobenzene          | 16.58 | 284 | 696   | 0.247 | ng | # 92   |
| 22) Pentachlorophenol          | 17.07 | 266 | 244m  | 0.678 | ng | # 99   |
| 23) Phenanthrene               | 17.30 | 178 | 4723  | 0.283 | ng | # 99   |
| 24) Anthracene                 | 17.43 | 178 | 4469  | 0.258 | ng | # 80   |
| 26) Fluoranthene               | 19.33 | 202 | 6085  | 0.247 | ng | # 98   |
| 28) Pyrene                     | 19.70 | 202 | 6390  | 0.259 | ng | # 99   |
| 30) Benzo(a)anthracene         | 21.43 | 228 | 7552  | 0.329 | ng | # 63   |
| 31) Chrysene                   | 21.48 | 228 | 7280  | 0.312 | ng | # 65   |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 17117 | 0.304 | ng | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.71 | 276 | 8050  | 0.373 | ng | # 96   |
| 35) Benzo(b)fluoranthene       | 23.21 | 252 | 7277  | 0.305 | ng | # 42   |
| 36) Benzo(k)fluoranthene       | 23.26 | 252 | 8423  | 0.332 | ng | # 41   |
| 37) Benzo(a)pyrene             | 23.88 | 252 | 7660  | 0.331 | ng | # 36   |
| 38) Dibenzo(a,h)anthracene     | 26.70 | 278 | 6919  | 0.333 | ng | # 46   |
| 39) Benzo(g,h,i)perylene       | 27.56 | 276 | 6834  | 0.352 | ng | # 57   |

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

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