

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE092616\  
 Data File : BE092425.D  
 Acq On : 26 Sep 2016 12:37  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

sohil  
 9/26/2016 7:32:59 PM

Quant Time: Sep 26 13:56:07 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE092216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 18:25:56 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 11649    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.95 | 136  | 57638    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.82 | 164  | 43697    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.58 | 188  | 91307    | 5.00 | ng    | 0.02     |
| 24) Chrysene-d12          | 21.75 | 240  | 122164   | 5.00 | ng    | 0.00     |
| 31) Perylene-d12          | 24.11 | 264  | 103337   | 5.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |      |      |    |      |
|--------------------------|-------|-----|------|------|----|------|
| 4) 2-Fluorophenol        | 5.68  | 112 | 796  | 0.40 | ng | 0.00 |
| 5) Phenol-d6             | 7.36  | 99  | 1014 | 0.34 | ng | 0.00 |
| 8) Nitrobenzene-d5       | 9.36  | 82  | 1198 | 0.43 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol | 16.32 | 330 | 379  | 0.40 | ng | 0.00 |
| 14) 2-Fluorobiphenyl     | 13.44 | 172 | 4103 | 0.40 | ng | 0.00 |
| 26) Terphenyl-d14        | 20.17 | 244 | 6079 | 0.40 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |      |    | Qvalue |
|--------------------------------|-------|-----|--------|------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 538    | 0.32 | ng | 97     |
| 3) n-Nitrosodimethylamine      | 3.79  | 42  | 489    | 0.45 | ng | # 98   |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93  | 955    | 0.39 | ng | 96     |
| 9) Naphthalene                 | 10.99 | 128 | 4790   | 0.38 | ng | 96     |
| 10) Hexachlorobutadiene        | 11.28 | 225 | 747    | 0.38 | ng | 99     |
| 11) 2-Methylnaphthalene        | 12.64 | 142 | 3139   | 0.38 | ng | 97     |
| 15) Acenaphthylene             | 14.53 | 152 | 23408  | 0.37 | ng | 100    |
| 16) Acenaphthene               | 14.88 | 154 | 3804   | 0.38 | ng | 98     |
| 17) Fluorene                   | 15.87 | 166 | 4691   | 0.37 | ng | 99     |
| 19) Hexachlorobenzene          | 16.89 | 284 | 1512   | 0.39 | ng | # 67   |
| 20) Pentachlorophenol          | 17.26 | 266 | 440    | 0.48 | ng | 98     |
| 21) Phenanthrene               | 17.60 | 178 | 8571   | 0.41 | ng | 95     |
| 22) Anthracene                 | 17.72 | 178 | 7555   | 0.37 | ng | 100    |
| 23) Fluoranthene               | 19.61 | 202 | 39690  | 0.40 | ng | 99     |
| 25) Pyrene                     | 19.97 | 202 | 44050  | 0.42 | ng | 100    |
| 27) Benzo(a)anthracene         | 21.72 | 228 | 45112m | 0.38 | ng |        |
| 28) Chrysene                   | 21.77 | 228 | 43420m | 0.40 | ng |        |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 4472   | 0.44 | ng | # 74   |
| 30) Indeno(1,2,3-cd)pyrene     | 26.62 | 276 | 40625  | 0.35 | ng | 97     |
| 32) Benzo(b)fluoranthene       | 23.38 | 252 | 9595   | 0.38 | ng | 99     |
| 33) Benzo(k)fluoranthene       | 23.43 | 252 | 10081  | 0.38 | ng | 97     |
| 34) Benzo(a)pyrene             | 24.01 | 252 | 9425   | 0.38 | ng | 97     |
| 35) Dibenzo(a,h)anthracene     | 26.65 | 278 | 8297   | 0.37 | ng | 99     |
| 36) Benzo(g,h,i)perylene       | 27.40 | 276 | 34689  | 0.36 | ng | 98     |

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

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