

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\  
 Data File : BE092870.D  
 Acq On : 30 Mar 2017 9:53  
 Operator : SJ/MA  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

mohammad  
 3/31/2017 2:12:24 PM

Quant Time: Mar 31 01:42:03 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 29 17:47:56 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 7429     | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.55 | 136  | 32419    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.40 | 164  | 15884    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.13 | 188  | 36110    | 5.00 | ng    | -0.02    |
| 24) Chrysene-d12          | 21.28 | 240  | 42261    | 5.00 | ng    | -0.02    |
| 31) Perylene-d12          | 23.70 | 264  | 37758    | 5.00 | ng    | -0.01    |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.35  | 112 | 628  | 0.36 | ng | 0.00  |
| 5) Phenol-d6                | 6.94  | 99  | 867  | 0.34 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.92  | 82  | 713  | 0.38 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.88 | 330 | 83   | 0.33 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 13.02 | 172 | 2121 | 0.41 | ng | -0.01 |
| 26) Terphenyl-d14           | 19.74 | 244 | 2525 | 0.35 | ng | -0.02 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 393   | 0.40   | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.60  | 42  | 408   | 0.40   | ng | 89   |
| 6) bis(2-Chloroethyl)ether     | 7.20  | 93  | 972   | 0.40   | ng | # 49 |
| 9) Naphthalene                 | 10.58 | 128 | 2880  | 0.41   | ng | 99   |
| 10) Hexachlorobutadiene        | 10.89 | 225 | 379   | 0.40   | ng | 99   |
| 11) 2-Methylnaphthalene        | 12.21 | 142 | 1741  | 0.39   | ng | # 89 |
| 15) Acenaphthylene             | 14.09 | 152 | 8333  | 0.34   | ng | 100  |
| 16) Acenaphthene               | 14.45 | 154 | 1671  | 0.38   | ng | 86   |
| 17) Fluorene                   | 15.44 | 166 | 1963  | 0.38   | ng | 99   |
| 19) Hexachlorobenzene          | 16.47 | 284 | 564   | 0.42   | ng | # 63 |
| 20) Pentachlorophenol          | 16.79 | 266 | 113   | 0.48   | ng | # 88 |
| 21) Phenanthrene               | 17.18 | 178 | 4068  | 0.46   | ng | # 95 |
| 22) Anthracene                 | 17.27 | 178 | 3091  | 0.39   | ng | 99   |
| 23) Fluoranthene               | 19.18 | 202 | 14121 | 0.35   | ng | 99   |
| 25) Pyrene                     | 19.54 | 202 | 14865 | 0.35   | ng | 99   |
| 27) Benzo(a)anthracene         | 21.26 | 228 | 3882m | 0.39   | ng |      |
| 28) Chrysene                   | 21.31 | 228 | 4155  | 0.39   | ng | # 78 |
| 29) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 789   | 0.32   | ng | # 76 |
| 30) Indeno(1,2,3-cd)pyrene     | 26.24 | 276 | 14038 | 0.35   | ng | # 92 |
| 32) Benzo(b)fluoranthene       | 22.96 | 252 | 3351  | 0.33   | ng | 97   |
| 33) Benzo(k)fluoranthene       | 23.01 | 252 | 3237  | 0.36   | ng | # 94 |
| 34) Benzo(a)pyrene             | 23.60 | 252 | 2661  | 0.32   | ng | 94   |
| 35) Dibenzo(a,h)anthracene     | 26.27 | 278 | 3102  | 0.35   | ng | # 96 |
| 36) Benzo(g,h,i)perylene       | 27.02 | 276 | 12851 | 0.35   | ng | 93   |

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

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