

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091415\  
 Data File : BE090800.D  
 Acq On : 14 Sep 2015 15:27  
 Operator : UM/IZ  
 Sample : G3635-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091015-D534-F-D-M

Quant Time: Sep 14 18:37:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 11:40:50 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 7        | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.29 | 136  | 5        | 5.00 | ng    | -0.02    |
| 12) Acenaphthene-d10      | 14.12 | 164  | 3        | 5.00 | ng    | -0.05    |
| 18) Phenanthrene-d10      | 16.94 | 188  | 51       | 5.00 | ng    | 0.03     |
| 25) Chrysene-d12          | 21.12 | 240  | 409      | 5.00 | ng    | 0.05     |
| 32) Perylene-d12          | 23.43 | 264  | 7        | 5.00 | ng    | 0.07     |

|                             |       |     |    |        |    |       |
|-----------------------------|-------|-----|----|--------|----|-------|
| System Monitoring Compounds |       |     |    |        |    |       |
| 4) 2-Fluorophenol           | 5.18  | 112 | 2  | 1.48   | ng | 0.00  |
| 5) Phenol-d6                | 6.76  | 99  | 10 | 5.13   | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.69  | 82  | 4  | 12.11  | ng | -0.01 |
| 13) 2,4,6-Tribromophenol    | 15.60 | 330 | 16 | 178.29 | ng | -0.07 |
| 14) 2-Fluorobiphenyl        | 12.75 | 172 | 3  | 3.61   | ng | -0.04 |
| 27) Terphenyl-d14           | 19.59 | 244 | 72 | 1.59   | ng | 0.05  |

|                                |       |     |     |       |    |        |
|--------------------------------|-------|-----|-----|-------|----|--------|
| Target Compounds               |       |     |     |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.16  | 88  | 3   | 3.23  | ng | # 16   |
| 3) n-Nitrosodimethylamine      | 3.45  | 42  | 18  | 14.70 | ng | # 44   |
| 8) Nitrobenzene                | 8.75  | 77  | 16  | 38.65 | ng | # 83   |
| 9) Naphthalene                 | 10.32 | 128 | 10  | 9.17  | ng | # 1    |
| 10) Hexachlorobutadiene        | 10.61 | 225 | 9   | 52.75 | ng | # 18   |
| 11) 2-Methylnaphthalene        | 11.96 | 142 | 12  | 20.34 | ng | # 63   |
| 15) Acenaphthylene             | 13.84 | 152 | 22  | 4.59  | ng | # 1    |
| 16) Acenaphthene               | 14.17 | 154 | 7   | 8.74  | ng | # 1    |
| 17) Fluorene                   | 15.20 | 166 | 20  | 20.01 | ng | # 1    |
| 19) 4-Bromophenyl-phenylether  | 16.14 | 248 | 29  | 16.68 | ng | # 1    |
| 20) Hexachlorobenzene          | 16.27 | 284 | 50  | 6.05  | ng | # 1    |
| 21) Pentachlorophenol          | 16.63 | 266 | 17  | 23.09 | ng | # 50   |
| 22) Phenanthrene               | 17.01 | 178 | 178 | 14.10 | ng | # 62   |
| 23) Anthracene                 | 17.01 | 178 | 178 | 16.87 | ng | # 61   |
| 24) Fluoranthene               | 19.02 | 202 | 50  | 3.76  | ng | # 92   |
| 26) Pyrene                     | 19.36 | 202 | 53  | 0.63  | ng | # 67   |
| 28) Benzo(a)anthracene         | 21.14 | 228 | 204 | 2.27  | ng | # 2    |
| 29) Chrysene                   | 21.14 | 228 | 210 | 2.18  | ng | # 8    |
| 30) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 21  | 0.91  | ng | # 46   |
| 31) Indeno(1,2,3-cd)pyrene     | 25.79 | 276 | 4   | 0.04  | ng | # 48   |
| 33) Benzo(b)fluoranthene       | 22.75 | 252 | 14  | 9.22  | ng | # 1    |
| 34) Benzo(k)fluoranthene       | 22.81 | 252 | 28  | 15.84 | ng | # 1    |
| 35) Benzo(a)pyrene             | 23.32 | 252 | 18  | 13.26 | ng | # 1    |
| 36) Dibenzo(a,h)anthracene     | 25.81 | 278 | 2   | 1.31  | ng | # 1    |
| 37) Benzo(g,h,i)perylene       | 26.54 | 276 | 1   | 0.64  | ng | # 1    |

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

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