

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\  
 Data File : BE092680.D  
 Acq On : 25 Jan 2017 00:11  
 Operator : UM/SJ  
 Sample : I1378-09MS 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RVE-10

Manual Integrations  
 APPROVED

mohammad  
 1/25/2017 4:54:07 PM

Quant Time: Jan 25 13:44:32 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 10:14:01 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.14  | 152  | 11382    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.91 | 136  | 57595    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.78 | 164  | 38003    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.53 | 188  | 80259    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.72 | 240  | 83621    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.06 | 264  | 77877    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.65  | 112  | 2622     | 1.03 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.31  | 99   | 3802     | 1.22 | ng    | -0.02    |
| 8) Nitrobenzene-d5             | 9.32  | 82   | 1916     | 0.51 | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol       | 16.30 | 330  | 956      | 0.97 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 13.41 | 172  | 4895     | 0.52 | ng    | -0.01    |
| 26) Terphenyl-d14              | 20.16 | 244  | 5666     | 0.48 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       |          |
| 2) 1,4-Dioxane                 | 3.39  | 88   | 763      | 0.43 | ng    | # 93     |
| 3) n-Nitrosodimethylamine      | 3.76  | 42   | 870      | 0.42 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether     | 7.57  | 93   | 1689     | 0.51 | ng    | # 84     |
| 9) Naphthalene                 | 10.95 | 128  | 7234     | 0.60 | ng    | 96       |
| 10) Hexachlorobutadiene        | 11.24 | 225  | 995      | 0.56 | ng    | 98       |
| 11) 2-Methylnaphthalene        | 12.60 | 142  | 4468     | 0.60 | ng    | 91       |
| 15) Acenaphthylene             | 14.49 | 152  | 31077    | 0.59 | ng    | 100      |
| 16) Acenaphthene               | 14.85 | 154  | 5255     | 0.63 | ng    | 95       |
| 17) Fluorene                   | 15.83 | 166  | 6614     | 0.63 | ng    | 99       |
| 19) Hexachlorobenzene          | 16.86 | 284  | 1646m    | 0.55 | ng    |          |
| 20) Pentachlorophenol          | 17.26 | 266  | 735      | 0.89 | ng    | 95       |
| 21) Phenanthrene               | 17.58 | 178  | 16738    | 0.94 | ng    | # 95     |
| 22) Anthracene                 | 17.67 | 178  | 13055    | 0.80 | ng    | 98       |
| 23) Fluoranthene               | 19.58 | 202  | 82547    | 1.05 | ng    | 100      |
| 25) Pyrene                     | 19.93 | 202  | 80543    | 0.98 | ng    | 97       |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 60977    | 0.74 | ng    | # 81     |
| 28) Chrysene                   | 21.75 | 228  | 63053m   | 0.68 | ng    |          |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 8489     | 0.71 | ng    | # 73     |
| 30) Indeno(1,2,3-cd)pyrene     | 26.53 | 276  | 59594    | 0.60 | ng    | 98       |
| 32) Benzo(b)fluoranthene       | 23.34 | 252  | 15133    | 0.80 | ng    | 98       |
| 33) Benzo(k)fluoranthene       | 23.38 | 252  | 13691    | 0.72 | ng    | 96       |
| 34) Benzo(a)pyrene             | 23.95 | 252  | 14323    | 0.81 | ng    | 98       |
| 35) Dibenzo(a,h)anthracene     | 26.55 | 278  | 10769    | 0.62 | ng    | # 94     |
| 36) Benzo(g,h,i)perylene       | 27.30 | 276  | 53605    | 0.73 | ng    | 99       |

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

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