

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061417\  
 Data File : BE093188.D  
 Acq On : 15 Jun 2017 2:31  
 Operator : SJ/MA  
 Sample : I3522-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5C84

Manual Integrations  
 APPROVED

mohammad  
 6/15/2017 3:54:03 PM

Quant Time: Jun 15 04:47:35 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 03:59:13 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 3878     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 20565    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 12455    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 28845    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 29813    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 26453m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 4912     | 0.16   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 12150    | 0.15   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        |        | Qvalue   |
| 3) Naphthalene              | 10.57 | 128  | 10273    | 0.201  | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 3057     | 0.088  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.08 | 152  | 137802   | 2.578  | ng/ul  | 96       |
| 8) Acenaphthene             | 14.43 | 153  | 4986     | 0.116  | ng/ul  | 97       |
| 9) Fluorene                 | 15.42 | 166  | 6251     | 0.124  | ng/ul  | 88       |
| 12) Phenanthrene            | 17.14 | 178  | 184048   | 2.319  | ng/ul# | 85       |
| 13) Anthracene              | 17.22 | 178  | 196987   | 2.851  | ng/ul# | 86       |
| 15) Fluoranthene            | 19.16 | 202  | 2712996  | 27.875 | ng/ul  | 83       |
| 17) Pyrene                  | 19.52 | 202  | 2844212  | 32.350 | ng/ul# | 89       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 1406484  | 17.686 | ng/ul# | 84       |
| 19) Chrysene                | 21.30 | 228  | 1748131  | 21.191 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.94 | 252  | 2135902  | 26.606 | ng/ul  | 88       |
| 22) Benzo(k)fluoranthene    | 22.99 | 252  | 843108m  | 9.889  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 967809m  | 12.750 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.19 | 276  | 596692m  | 6.789  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.20 | 278  | 163566m  | 2.210  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.97 | 276  | 392332   | 5.205  | ng/ul  | 97       |

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

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