

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061517\  
 Data File : BE093222.D  
 Acq On : 15 Jun 2017 23:36  
 Operator : SJ/MA  
 Sample : I3520-15DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5B47DL

Manual Integrations  
 APPROVED

mohammad  
 6/19/2017 11:07:01 AM

Quant Time: Jun 16 05:33:58 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 04:43:11 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 2872     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 15203    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 8968     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 20939    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 22875    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 18725    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 1678     | 0.08   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 3936     | 0.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.57 | 128  | 4352     | 0.115  | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 1068     | 0.041  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.08 | 152  | 45761    | 1.189  | ng/ul  | 95       |
| 8) Acenaphthene             | 14.43 | 153  | 1409     | 0.045  | ng/ul  | 95       |
| 9) Fluorene                 | 15.42 | 166  | 1933     | 0.053  | ng/ul  | 94       |
| 12) Phenanthrene            | 17.14 | 178  | 103110   | 1.790  | ng/ul# | 87       |
| 13) Anthracene              | 17.22 | 178  | 64737    | 1.291  | ng/ul# | 86       |
| 15) Fluoranthene            | 19.16 | 202  | 1160379  | 16.424 | ng/ul  | 84       |
| 17) Pyrene                  | 19.52 | 202  | 1152466  | 17.084 | ng/ul# | 87       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 500570   | 8.204  | ng/ul# | 85       |
| 19) Chrysene                | 21.30 | 228  | 753440   | 11.904 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.94 | 252  | 942364m  | 16.584 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.98 | 252  | 347108m  | 5.751  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.56 | 252  | 371368   | 6.912  | ng/ul# | 81       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.19 | 276  | 252943   | 4.066  | ng/ul# | 86       |
| 25) Dibenzo(a,h)anthracene  | 26.20 | 278  | 70503    | 1.346  | ng/ul  | 91       |
| 26) Benzo(g,h,i)perylene    | 26.96 | 276  | 180413   | 3.381  | ng/ul  | 96       |

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

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