

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062017\  
 Data File : BE093294.D  
 Acq On : 20 Jun 2017 22:51  
 Operator : SJ/JU  
 Sample : I3625-20  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5A02

Manual Integrations  
 APPROVED

mohammad  
 6/21/2017 12:19:00 PM

Quant Time: Jun 21 03:59:18 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 21 03:23:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.73  | 152  | 1744     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 9287     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.36 | 164  | 5819     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 14051    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 14148    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.66 | 264  | 14369    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 2090     | 0.15   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.12 | 212  | 5865     | 0.15   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.56 | 128  | 3065     | 0.133  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 669      | 0.042  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.08 | 152  | 7074     | 0.283  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.42 | 153  | 1014     | 0.050  | ng/ul  | 96       |
| 9) Fluorene                 | 15.42 | 166  | 1149     | 0.049  | ng/ul  | 90       |
| 12) Phenanthrene            | 17.14 | 178  | 15155    | 0.392  | ng/ul# | 89       |
| 13) Anthracene              | 17.22 | 178  | 9909     | 0.294  | ng/ul# | 89       |
| 15) Fluoranthene            | 19.15 | 202  | 65215    | 1.376  | ng/ul  | 83       |
| 17) Pyrene                  | 19.51 | 202  | 85152    | 2.041  | ng/ul# | 86       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 45059    | 1.194  | ng/ul# | 85       |
| 19) Chrysene                | 21.29 | 228  | 54148    | 1.383  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.93 | 252  | 84449m   | 1.937  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.97 | 252  | 31100m   | 0.672  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.56 | 252  | 46933    | 1.138  | ng/ul# | 81       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.18 | 276  | 29426    | 0.616  | ng/ul# | 87       |
| 25) Dibenzo(a,h)anthracene  | 26.19 | 278  | 7785     | 0.194  | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 26.95 | 276  | 20346    | 0.497  | ng/ul  | 96       |

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

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