

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\  
 Data File : BE093310.D  
 Acq On : 21 Jun 2017 11:11  
 Operator : SJ/JU  
 Sample : I3625-05DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5A86DL

Manual Integrations  
 APPROVED

mohammad  
 6/22/2017 11:48:36 AM

Quant Time: Jun 22 02:23:08 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 22 02:10:17 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 1487     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 7925     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.36 | 164  | 4913     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 12212    | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 12246    | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.66 | 264  | 11299    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.10 | 152  | 719      | 0.06 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.12 | 212  | 1881     | 0.06 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.56 | 128  | 31417    | 1.60 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 4391     | 0.33 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.08 | 152  | 551      | 0.03 | ng/ul# | 73       |
| 8) Acenaphthene             | 14.42 | 153  | 4963     | 0.29 | ng/ul  | 97       |
| 9) Fluorene                 | 15.42 | 166  | 6282     | 0.32 | ng/ul  | 95       |
| 12) Phenanthrene            | 17.14 | 178  | 34334    | 1.02 | ng/ul# | 91       |
| 13) Anthracene              | 17.22 | 178  | 5432     | 0.19 | ng/ul# | 93       |
| 15) Fluoranthene            | 19.15 | 202  | 22974    | 0.56 | ng/ul  | 83       |
| 17) Pyrene                  | 19.51 | 202  | 16966    | 0.47 | ng/ul# | 85       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 4413     | 0.14 | ng/ul# | 86       |
| 19) Chrysene                | 21.29 | 228  | 3742     | 0.11 | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 22.93 | 252  | 2211m    | 0.06 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.97 | 252  | 887m     | 0.02 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.55 | 252  | 1182     | 0.04 | ng/ul# | 85       |

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

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