

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094360.D  
 Acq On : 14 Oct 2017 18:08  
 Operator : SJ/JU  
 Sample : I5611-01 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-44(0-1)\_100217

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:25:09 PM

Quant Time: Oct 15 01:54:40 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 14 05:22:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1454     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.70 | 136  | 7830     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.52 | 164  | 4575     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 10122    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.42 | 240  | 9989     | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.94 | 264  | 9253     | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 479m     | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 1160     | 0.03   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 6998     | 0.365  | ng/ul# | 89       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 5698     | 0.458  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.24 | 152  | 4971     | 0.279  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.58 | 153  | 2785     | 0.190  | ng/ul  | 98       |
| 9) Fluorene                 | 15.57 | 166  | 2766     | 0.161  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.29 | 178  | 48979    | 1.852  | ng/ul# | 88       |
| 13) Anthracene              | 17.38 | 178  | 11071    | 0.430  | ng/ul# | 89       |
| 15) Fluoranthene            | 19.31 | 202  | 130135   | 3.744  | ng/ul  | 84       |
| 17) Pyrene                  | 19.67 | 202  | 138512   | 4.984  | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.40 | 228  | 73443    | 2.771  | ng/ul# | 86       |
| 19) Chrysene                | 21.46 | 228  | 80831    | 2.641  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.17 | 252  | 95825m   | 3.812  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.21 | 252  | 32156m   | 1.107  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.83 | 252  | 75219    | 2.880  | ng/ul# | 83       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.62 | 276  | 47009    | 1.759  | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.62 | 278  | 11665    | 0.520  | ng/ul# | 84       |
| 26) Benzo(a,h,i)perylene    | 27.45 | 276  | 48570    | 2.107  | ng/ul  | 98       |

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

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