

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\  
 Data File : BE094238.D  
 Acq On : 10 Oct 2017 1:46  
 Operator : SJ/JU  
 Sample : I5522-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC0

Manual Integrations  
 APPROVED

Sohil  
 10/10/2017 4:58:39 PM

Quant Time: Oct 10 11:02:32 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 09 04:05:38 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 2701     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 13857    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.51 | 164  | 8355     | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.24 | 188  | 17588    | 0.40   | ng/ul  | -0.04    |
| 16) Chrysene-d12            | 21.41 | 240  | 16908    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.92 | 264  | 15834m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 5039     | 0.23   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.27 | 212  | 12031    | 0.21   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          |        |        | Ovalue   |
| 3) Naphthalene              | 10.74 | 128  | 7760     | 0.229  | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 3869     | 0.176  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.24 | 152  | 7783     | 0.239  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.57 | 153  | 13640    | 0.509  | ng/ul  | 97       |
| 9) Fluorene                 | 15.56 | 166  | 14031    | 0.447  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.29 | 178  | 298190   | 6.488  | ng/ul# | 92       |
| 13) Anthracene              | 17.38 | 178  | 74909    | 1.676  | ng/ul# | 91       |
| 15) Fluoranthene            | 19.30 | 202  | 672751   | 11.140 | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 617673   | 13.130 | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 341874   | 7.622  | ng/ul# | 86       |
| 19) Chrysene                | 21.45 | 228  | 323548   | 6.246  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.15 | 252  | 420669m  | 9.780  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 156118m  | 3.140  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.81 | 252  | 300979m  | 6.734  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.57 | 276  | 204352m  | 4.469  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.58 | 278  | 54767m   | 1.428  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 27.40 | 276  | 164088m  | 4.161  | ng/ul  |          |

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

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