

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\  
 Data File : BE094263.D  
 Acq On : 10 Oct 2017 22:32  
 Operator : SJ/JU  
 Sample : I5522-21DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC7DL

Manual Integrations  
 APPROVED

Sohil  
 10/11/2017 7:20:11 PM

Quant Time: Oct 11 07:56:38 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 07:23:41 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1965     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 10164    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.51 | 164  | 5701     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.24 | 188  | 12192    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.41 | 240  | 12834    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.91 | 264  | 13289    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 1268     | 0.08   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 2990     | 0.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 2665     | 0.107  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 1826     | 0.113  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 1385     | 0.062  | ng/ul# | 88       |
| 8) Acenaphthene             | 14.57 | 153  | 3979     | 0.217  | ng/ul  | 98       |
| 9) Fluorene                 | 15.56 | 166  | 7224     | 0.337  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.29 | 178  | 152921   | 4.800  | ng/ul# | 93       |
| 13) Anthracene              | 17.38 | 178  | 32911    | 1.062  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.30 | 202  | 185251   | 4.425  | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 147707   | 4.136  | ng/ul# | 82       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 83323    | 2.447  | ng/ul# | 87       |
| 19) Chrysene                | 21.44 | 228  | 75305    | 1.915  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 81886m   | 2.268  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 25621m   | 0.614  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 54047    | 1.441  | ng/ul# | 81       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.56 | 276  | 31266    | 0.815  | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.57 | 278  | 9143     | 0.284  | ng/ul# | 94       |
| 26) Benzo(a,h,i)perylene    | 27.39 | 276  | 23043    | 0.696  | ng/ul  | 99       |

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

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