

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\  
 Data File : BE094299.D  
 Acq On : 12 Oct 2017 3:16  
 Operator : SJ/JU  
 Sample : I5490-09DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-58(1-2)-092717DL

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:02:57 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 12 08:55:52 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 1638     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 8123     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 4516     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 9606     | 0.40   | ng/ul  | 0.02     |
| 16) Chrysene-d12            | 21.44 | 240  | 9946     | 0.40   | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.98 | 264  | 10450    | 0.40   | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 753      | 0.06   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 1765     | 0.06   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.76 | 128  | 40549    | 2.038  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.37 | 142  | 13218    | 1.024  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.26 | 152  | 1414     | 0.080  | ng/ul# | 77       |
| 8) Acenaphthene             | 14.60 | 153  | 581      | 0.040  | ng/ul# | 86       |
| 9) Fluorene                 | 15.58 | 166  | 848      | 0.050  | ng/ul# | 52       |
| 12) Phenanthrene            | 17.31 | 178  | 19846    | 0.791  | ng/ul# | 90       |
| 13) Anthracene              | 17.39 | 178  | 4536m    | 0.186  | ng/ul  |          |
| 15) Fluoranthene            | 19.33 | 202  | 43759    | 1.327  | ng/ul  | 83       |
| 17) Pyrene                  | 19.69 | 202  | 42642    | 1.541  | ng/ul# | 85       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 25832    | 0.979  | ng/ul# | 66       |
| 19) Chrysene                | 21.48 | 228  | 39260    | 1.288  | ng/ul# | 71       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 42415m   | 1.494  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 13102m   | 0.399  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.86 | 252  | 25784    | 0.874  | ng/ul# | 29       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.68 | 276  | 15134    | 0.502  | ng/ul# | 91       |
| 26) Benzo(a,h,i)perylene    | 27.53 | 276  | 13670    | 0.525  | ng/ul# | 27       |

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

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