

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE100717\  
 Data File : BE094208.D  
 Acq On : 7 Oct 2017 18:32  
 Operator : SJ/JU  
 Sample : I5449-03DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-60(FILL)-092617DL

Manual Integrations  
 APPROVED

Sohil  
 10/9/2017 6:53:03 PM

Quant Time: Oct 08 02:06:10 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 01:38:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 1261     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.69 | 136  | 6834     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.51 | 164  | 3854     | 0.40 | ng/ul | -0.02    |
| 10) Phenanthrene-d10      | 17.24 | 188  | 8345     | 0.40 | ng/ul | -0.03    |
| 16) Chrysene-d12          | 21.41 | 240  | 8523     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.92 | 264  | 8224     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 578      | 0.05 | ng/ul | -0.02    |
| 14) Fluoranthene-d10        | 19.27 | 212  | 1451m    | 0.05 | ng/ul | -0.02    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.74 | 128  | 14008    | 0.84  | ng/ul# | 92     |
| 5) 2-Methylnaphthalene     | 12.35 | 142  | 5382     | 0.50  | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.24 | 152  | 5735     | 0.38  | ng/ul  | 98     |
| 8) Acenaphthene            | 14.57 | 153  | 8305     | 0.67  | ng/ul  | 97     |
| 9) Fluorene                | 15.56 | 166  | 8584     | 0.59  | ng/ul  | 93     |
| 12) Phenanthrene           | 17.29 | 178  | 203337   | 9.32  | ng/ul# | 93     |
| 13) Anthracene             | 17.38 | 178  | 47853    | 2.26  | ng/ul# | 92     |
| 15) Fluoranthene           | 19.30 | 202  | 358585   | 12.51 | ng/ul  | 84     |
| 17) Pyrene                 | 19.66 | 202  | 339558   | 14.32 | ng/ul# | 82     |
| 18) Benzo(a)anthracene     | 21.39 | 228  | 191498   | 8.47  | ng/ul# | 86     |
| 19) Chrysene               | 21.45 | 228  | 190742   | 7.30  | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 23.15 | 252  | 240260m  | 10.75 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.20 | 252  | 82902m   | 3.21  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.81 | 252  | 177573   | 7.65  | ng/ul# | 83     |
| 24) Indeno(1,2,3-cd)pyrene | 26.58 | 276  | 125255   | 5.27  | ng/ul# | 77     |
| 25) Dibenzo(a,h)anthracene | 26.58 | 278  | 32067    | 1.61  | ng/ul# | 89     |
| 26) Benzo(g,h,i)perylene   | 27.39 | 276  | 113655   | 5.55  | ng/ul  | 98     |

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

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