

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE102617\  
 Data File : BE094583.D  
 Acq On : 27 Oct 2017 3:48  
 Operator : SJ/JU  
 Sample : I5873-04 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-16(0-1)\_101217

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 5:42:13 PM

Quant Time: Oct 27 17:39:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 27 04:05:19 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1594     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 8859     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.52 | 164  | 5871m    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 10535    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 10730    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.98 | 264  | 10831    | 0.40   | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 740m     | 0.05   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 19455    | 0.62   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 30126    | 1.391  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 36519    | 2.410  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.24 | 152  | 7982     | 0.301  | ng/ul# | 1        |
| 8) Acenaphthene             | 14.59 | 153  | 2514     | 0.132  | ng/ul# | 38       |
| 9) Fluorene                 | 15.57 | 166  | 6311     | 0.295  | ng/ul# | 52       |
| 12) Phenanthrene            | 17.29 | 178  | 36898    | 1.326  | ng/ul# | 95       |
| 13) Anthracene              | 17.39 | 178  | 4336m    | 0.158  | ng/ul  |          |
| 15) Fluoranthene            | 19.31 | 202  | 17460    | 0.543  | ng/ul  | 83       |
| 17) Pyrene                  | 19.68 | 202  | 34824    | 1.050  | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 9921     | 0.323  | ng/ul# | 31       |
| 19) Chrysene                | 21.47 | 228  | 22934    | 0.723  | ng/ul# | 59       |
| 21) Benzo(b)fluoranthene    | 23.19 | 252  | 21108m   | 0.693  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 5000m    | 0.153  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.86 | 252  | 11353    | 0.373  | ng/ul# | 1        |
| 24) Indeno(1,2,3-cd)pyrene  | 26.68 | 276  | 9824     | 0.312  | ng/ul# | 81       |
| 25) Dibenzo(a,h)anthracene  | 26.67 | 278  | 2940     | 0.111  | ng/ul# | 1        |
| 26) Benzo(g,h,i)perylene    | 27.53 | 276  | 11974    | 0.473  | ng/ul# | 42       |

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

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