

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE101118\  
 Data File : BE097868.D  
 Acq On : 11 Oct 2018 21:48  
 Operator : SJ/JU  
 Sample : J5183-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC37

Manual Integrations  
 APPROVED

Sohil  
 10/12/2018 6:34:58 PM

Quant Time: Oct 12 04:38:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE101118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 12 03:56:08 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 2622     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 13341    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.55 | 164  | 9461     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.31 | 188  | 21347m   | 0.40   | ng/ul  | 0.01     |
| 16) Chrysene-d12            | 21.50 | 240  | 20064m   | 0.40   | ng/ul  | 0.02     |
| 20) Perylene-d12            | 24.08 | 264  | 18426m   | 0.40   | ng/ul  | 0.05     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 6874     | 0.30   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.34 | 212  | 20625m   | 0.30   | ng/ul  | 0.01     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 2421     | 0.075  | ng/ul# | 89       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 1969     | 0.084  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.27 | 152  | 3276     | 0.092  | ng/ul# | 65       |
| 8) Acenaphthene             | 14.61 | 153  | 1081     | 0.039  | ng/ul# | 89       |
| 9) Fluorene                 | 15.61 | 166  | 1086     | 0.030  | ng/ul# | 68       |
| 12) Phenanthrene            | 17.35 | 178  | 19255m   | 0.381  | ng/ul  |          |
| 13) Anthracene              | 17.44 | 178  | 5266m    | 0.112  | ng/ul  |          |
| 15) Fluoranthene            | 19.37 | 202  | 45631m   | 0.703  | ng/ul  |          |
| 17) Pyrene                  | 19.73 | 202  | 71870m   | 1.202  | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.48 | 228  | 29199m   | 0.481  | ng/ul  |          |
| 19) Chrysene                | 21.54 | 228  | 169981m  | 3.119  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.29 | 252  | 158356m  | 3.216  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.34 | 252  | 52749m   | 1.001  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.97 | 252  | 48050m   | 0.994  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.82 | 276  | 184947   | 3.370  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 26.84 | 278  | 37726m   | 0.832  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 27.66 | 276  | 267295   | 5.589  | ng/ul# | 92       |

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

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