

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101317\  
 Data File : BE094322.D  
 Acq On : 13 Oct 2017 13:17  
 Operator : SJ/JU  
 Sample : I5533-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-56(1-2)-092717

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:22:36 PM

Quant Time: Oct 14 02:28:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 14 02:15:10 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1867     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 9404     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 5736     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 11714m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 10393    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.98 | 264  | 11488m   | 0.40   | ng/ul  | 0.03     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 4151     | 0.28   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 9661     | 0.25   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 115390   | 5.01   | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 33948    | 2.27   | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.25 | 152  | 16904    | 0.76   | ng/ul  | 96       |
| 8) Acenaphthene             | 14.59 | 153  | 9706     | 0.53   | ng/ul  | 97       |
| 9) Fluorene                 | 15.57 | 166  | 15147    | 0.70   | ng/ul  | 93       |
| 11) Pentachlorophenol       | 16.94 | 266  | 272      | 0.20   | ng/ul# | 81       |
| 12) Phenanthrene            | 17.29 | 178  | 344917   | 11.27  | ng/ul# | 84       |
| 13) Anthracene              | 17.39 | 178  | 94047    | 3.16   | ng/ul# | 93       |
| 15) Fluoranthene            | 19.32 | 202  | 724516   | 18.01  | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 683529   | 23.64  | ng/ul# | 85       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 344696   | 12.50  | ng/ul# | 88       |
| 19) Chrysene                | 21.47 | 228  | 380063   | 11.94  | ng/ul  | 95       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 433644   | 13.90  | ng/ul  | 92       |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 164990m  | 4.57   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.87 | 252  | 307091m  | 9.47   | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.71 | 276  | 224850m  | 6.78   | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.70 | 278  | 61561m   | 2.21   | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 27.55 | 276  | 235123m  | 8.22   | ng/ul  |          |

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

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