

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\  
 Data File : BE091233.D  
 Acq On : 18 Nov 2015 18:22  
 Operator : UM/NP  
 Sample : G4273-11DL2 25X  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AP7DL2

Manual Integrations  
 APPROVED

Mmdadoda  
 11/19/2015 6:46:44 PM

Quant Time: Nov 19 06:19:36 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 19 06:02:12 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.91  | 152  | 2509     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 9.59  | 136  | 12404    | 0.40 | ng/ul | 0.02     |
| 8) Acenaphthene-d10       | 13.38 | 164  | 6180     | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 16.09 | 188  | 21460    | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 20.23 | 240  | 33612    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 22.11 | 264  | 29718    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 2) 1,4-Dioxane-d8           | 0.00  | 96   | 0d       | 0.00 | ng/uL |          |
| 6) 2-Methylnaphthalene-d10  | 0.00  | 152  | 0d       | 0.00 | ng/ul |          |
| 16) Fluoranthene-d10        | 18.08 | 212  | 300      | 0.00 | ng/ul | 0.00     |

| Target Compounds         | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|--------------------------|-------|------|----------|------|--------|--------|
| 7) 2-Methylnaphthalene   | 11.18 | 142  | 788      | 0.04 | ng/ul  | 94     |
| 10) Acenaphthene         | 13.44 | 153  | 3476     | 0.16 | ng/ul# | 83     |
| 11) Fluorene             | 14.42 | 166  | 4487     | 0.17 | ng/ul  | 94     |
| 14) Phenanthrene         | 16.12 | 178  | 105133   | 0.42 | ng/ul  | 98     |
| 15) Anthracene           | 16.21 | 178  | 39626    | 0.18 | ng/ul  | 98     |
| 17) Fluoranthene         | 18.10 | 202  | 73315    | 0.25 | ng/ul  | 88     |
| 19) Pyrene               | 18.48 | 202  | 60359    | 0.16 | ng/ul# | 79     |
| 20) Benzo(a)anthracene   | 20.20 | 228  | 4341     | 0.05 | ng/ul  | 97     |
| 21) Chrysene             | 20.26 | 228  | 6114     | 0.06 | ng/ul  | 97     |
| 23) Benzo(b)fluoranthene | 21.56 | 252  | 3013     | 0.03 | ng/ul  | 96     |
| 24) Benzo(k)fluoranthene | 21.58 | 252  | 3435m    | 0.04 | ng/ul  |        |
| 25) Benzo(a)pyrene       | 22.01 | 252  | 3939     | 0.05 | ng/ul  | 99     |

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

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