

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\  
 Data File : BE096206.D  
 Acq On : 27 Apr 2018 13:58  
 Operator : SJ/JU  
 Sample : J2449-05DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AE0DL

Manual Integrations  
 APPROVED

Sohil  
 4/30/2018 6:58:44 PM

Quant Time: Apr 28 00:40:54 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 27 23:57:47 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 672      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.18 | 136  | 2632     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.94 | 164  | 1510     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 3632     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.75 | 240  | 4667     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.35 | 264  | 3701     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 319      | 0.07  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 969      | 0.06  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 11.23 | 128  | 2171     | 0.296 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.81 | 142  | 1375     | 0.280 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.67 | 152  | 3458     | 0.444 | ng/ul  | 98       |
| 8) Acenaphthene             | 15.01 | 153  | 1156     | 0.206 | ng/ul# | 89       |
| 9) Fluorene                 | 15.97 | 166  | 1771     | 0.238 | ng/ul  | 93       |
| 12) Phenanthrene            | 17.70 | 178  | 48997    | 4.582 | ng/ul# | 89       |
| 13) Anthracene              | 17.78 | 178  | 8142     | 0.759 | ng/ul# | 91       |
| 15) Fluoranthene            | 19.67 | 202  | 135203   | 8.272 | ng/ul  | 84       |
| 17) Pyrene                  | 20.02 | 202  | 60899    | 6.504 | ng/ul# | 78       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 37393    | 2.646 | ng/ul# | 86       |
| 19) Chrysene                | 21.79 | 228  | 58211    | 4.483 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.55 | 252  | 72527m   | 5.175 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.60 | 252  | 28503m   | 2.128 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.24 | 252  | 51333    | 4.216 | ng/ul# | 78       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.13 | 276  | 32860    | 2.003 | ng/ul# | 75       |
| 25) Dibenzo(a,h)anthracene  | 27.13 | 278  | 8609     | 0.627 | ng/ul  | 96       |
| 26) Benzo(a,h,i)perylene    | 28.00 | 276  | 26206    | 1.835 | ng/ul# | 93       |

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

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