

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\  
 Data File : BE094274.D  
 Acq On : 11 Oct 2017 5:18  
 Operator : SJ/JU  
 Sample : I5522-02DL 5X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AD3DL

Manual Integrations  
 APPROVED

Sohil  
 10/11/2017 7:20:36 PM

Quant Time: Oct 11 08:37:06 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 08:24:24 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1844     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 9517     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.51 | 164  | 5281     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.24 | 188  | 11575    | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.41 | 240  | 12096    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.92 | 264  | 11121    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 729      | 0.05  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 1755     | 0.05  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.74 | 128  | 3882     | 0.167 | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 1231     | 0.081 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 1016     | 0.049 | ng/ul# | 84       |
| 8) Acenaphthene             | 14.57 | 153  | 5066     | 0.299 | ng/ul  | 97       |
| 9) Fluorene                 | 15.56 | 166  | 6269     | 0.316 | ng/ul  | 93       |
| 12) Phenanthrene            | 17.29 | 178  | 118641   | 3.922 | ng/ul# | 92       |
| 13) Anthracene              | 17.38 | 178  | 26076    | 0.886 | ng/ul# | 92       |
| 15) Fluoranthene            | 19.30 | 202  | 255693   | 6.433 | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 210392   | 6.251 | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 111394   | 3.471 | ng/ul# | 86       |
| 19) Chrysene                | 21.44 | 228  | 123835   | 3.342 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.15 | 252  | 151608m  | 5.018 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 50983m   | 1.460 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 96981    | 3.089 | ng/ul# | 80       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.57 | 276  | 63462    | 1.976 | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.57 | 278  | 16114    | 0.598 | ng/ul  | 94       |
| 26) Benzo(a,h,i)perylene    | 27.40 | 276  | 52113    | 1.881 | ng/ul  | 99       |

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

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