

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE042518\  
 Data File : BE096159.D  
 Acq On : 25 Apr 2018 21:55  
 Operator : SJ/JU  
 Sample : J2434-02DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB7DL

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 6:20:04 PM

Quant Time: Apr 26 05:51:24 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 26 05:06:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 791      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.18 | 136  | 3185     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.95 | 164  | 2062     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 5386     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.75 | 240  | 6917     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.35 | 264  | 5560     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 279      | 0.05   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 964      | 0.04   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 11.23 | 128  | 1029     | 0.116  | ng/ul# | 83       |
| 5) 2-Methylnaphthalene      | 12.81 | 142  | 556      | 0.094  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.68 | 152  | 2729     | 0.257  | ng/ul  | 99       |
| 8) Acenaphthene             | 15.01 | 153  | 1904     | 0.248  | ng/ul  | 95       |
| 9) Fluorene                 | 15.97 | 166  | 2891     | 0.285  | ng/ul  | 90       |
| 12) Phenanthrene            | 17.70 | 178  | 60169    | 3.794  | ng/ul# | 88       |
| 13) Anthracene              | 17.79 | 178  | 19477    | 1.224  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.67 | 202  | 168842   | 6.966  | ng/ul  | 83       |
| 17) Pyrene                  | 20.02 | 202  | 87460    | 6.303  | ng/ul# | 78       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 81110    | 3.873  | ng/ul# | 85       |
| 19) Chrysene                | 21.79 | 228  | 65474    | 3.402  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.55 | 252  | 94045m   | 4.467  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.60 | 252  | 28005m   | 1.391  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.24 | 252  | 63265    | 3.459  | ng/ul# | 78       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.13 | 276  | 39142    | 1.588  | ng/ul# | 74       |
| 25) Dibenzo(a,h)anthracene  | 27.14 | 278  | 10587    | 0.513  | ng/ul  | 94       |
| 26) Benzo(g,h,i)perylene    | 28.00 | 276  | 34033    | 1.587  | ng/ul# | 93       |

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

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