

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081517\  
 Data File : BE093819.D  
 Acq On : 15 Aug 2017 22:16  
 Operator : SJ/JU  
 Sample : I4672-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AJ1

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:42:43 PM

Quant Time: Aug 16 07:52:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 07:30:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 2181     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 11733    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 7204     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 15707    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.41 | 240  | 16511    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.91 | 264  | 21197    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 3487     | 0.18   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 9100     | 0.18   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 3466     | 0.121  | ng/ul# | 96       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 1787     | 0.086  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 3426     | 0.114  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.58 | 153  | 1593     | 0.067  | ng/ul  | 98       |
| 9) Fluorene                 | 15.57 | 166  | 3092     | 0.103  | ng/ul  | 95       |
| 12) Phenanthrene            | 17.29 | 178  | 54468    | 1.273  | ng/ul# | 91       |
| 13) Anthracene              | 17.38 | 178  | 12023    | 0.289  | ng/ul# | 93       |
| 15) Fluoranthene            | 19.30 | 202  | 91921    | 1.718  | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 82685    | 1.716  | ng/ul# | 82       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 41862    | 0.875  | ng/ul# | 85       |
| 19) Chrysene                | 21.44 | 228  | 42692    | 0.930  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 49235m   | 0.751  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 20361m   | 0.315  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 38533    | 0.618  | ng/ul# | 82       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.55 | 276  | 19549    | 0.284  | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.57 | 278  | 4326     | 0.075  | ng/ul# | 94       |
| 26) Benzo(g,h,i)perylene    | 27.37 | 276  | 14722    | 0.254  | ng/ul  | 99       |

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

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