

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\  
 Data File : BM004811.D  
 Acq On : 28 Mar 2016 19:16  
 Operator : UM/SJ  
 Sample : H1909-05DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4T41DL

Manual Integrations  
 APPROVED

Sohil  
 4/6/2016 5:05:07 PM

Quant Time: Apr 05 20:02:12 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 18:29:16 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 1147     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.62 | 136  | 5111     | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.47 | 164  | 2831     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.21 | 188  | 6326     | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.40 | 240  | 6640     | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.69 | 264  | 5659     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.32  | 96   | 927      | 1.79   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.22 | 152  | 367      | 0.05   | ng/ul  | 0.01     |
| 16) Fluoranthene-d10        | 19.24 | 212  | 955      | 0.06   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 10.67 | 128  | 1928     | 0.16   | ng/ul# | 89       |
| 7) 2-Methylnaphthalene      | 12.28 | 142  | 340      | 0.04   | ng/ul  | 99       |
| 9) Acenaphthylene           | 14.18 | 152  | 4355     | 0.33   | ng/ul# | 94       |
| 10) Acenaphthene            | 14.52 | 153  | 708      | 0.08   | ng/ul# | 87       |
| 11) Fluorene                | 15.51 | 166  | 1479     | 0.13   | ng/ul# | 87       |
| 14) Phenanthrene            | 17.24 | 178  | 27085    | 1.52   | ng/ul  | 96       |
| 15) Anthracene              | 17.33 | 178  | 7289     | 0.43   | ng/ul  | 96       |
| 17) Fluoranthene            | 19.27 | 202  | 81161    | 4.01   | ng/ul  | 98       |
| 19) Pyrene                  | 19.63 | 202  | 69492    | 3.06   | ng/ul  | 97       |
| 20) Benzo(a)anthracene      | 21.38 | 228  | 36728    | 1.80   | ng/ul  | 95       |
| 21) Chrysene                | 21.43 | 228  | 36251    | 1.84   | ng/ul  | 96       |
| 23) Benzo(b)fluoranthene    | 22.99 | 252  | 47427m   | 2.49   | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 23.03 | 252  | 16103m   | 0.91   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.59 | 252  | 29645    | 1.70   | ng/ul  | 99       |
| 26) Indeno(1,2,3-cd)pyrene  | 26.01 | 276  | 15228    | 0.94   | ng/ul# | 88       |
| 27) Dibenzo(a,h)anthracene  | 26.02 | 278  | 3702     | 0.29   | ng/ul# | 82       |
| 28) Benzo(a,h,i)perylene    | 26.72 | 276  | 12885    | 0.96   | ng/ul  | 94       |

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

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