

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\  
 Data File : BM004761.D  
 Acq On : 24 Mar 2016 22:01  
 Operator : UM/SJ  
 Sample : H1909-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4T43

Manual Integrations  
 APPROVED

Sohil  
 3/25/2016 2:59:46 PM

Quant Time: Mar 25 02:42:11 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 03:18:48 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 1508     | 5.00   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.62 | 136  | 6116     | 5.00   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.47 | 164  | 3219     | 5.00   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.21 | 188  | 6669m    | 5.00   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.40 | 240  | 6044     | 5.00   | ng/ul  | -0.01    |
| 22) Perylene-d12            | 23.69 | 264  | 4611m    | 5.00   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.32  | 96   | 7689     | 10.52  | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.21 | 152  | 2250     | 0.32   | ng/ul  | -0.01    |
| 16) Fluoranthene-d10        | 19.24 | 212  | 4753     | 0.35   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 14) Phenanthrene            | 17.25 | 178  | 1984m    | 0.11   | ng/ul  |          |
| 17) Fluoranthene            | 19.27 | 202  | 5319     | 0.28   | ng/ul  | 95       |
| 19) Pyrene                  | 19.63 | 202  | 5763     | 0.27   | ng/ul# | 96       |
| 20) Benzo(a)anthracene      | 21.38 | 228  | 2582     | 0.18   | ng/ul# | 89       |
| 21) Chrysene                | 21.43 | 228  | 2740m    | 0.14   | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.99 | 252  | 3955m    | 0.24   | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 23.03 | 252  | 1266m    | 0.08   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.59 | 252  | 2616m    | 0.19   | ng/ul  |          |
| 26) Indeno(1,2,3-cd)pyrene  | 26.01 | 276  | 1486m    | 0.10   | ng/ul  |          |
| 28) Benzo(g,h,i)perylene    | 26.72 | 276  | 1459m    | 0.10   | ng/ul  |          |

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

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