

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE102714\  
 Data File : BE088328.D  
 Acq On : 27 Oct 2014 23:38  
 Operator : TP/JJ  
 Sample : F4379-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 YS19-SB31-1014

Manual Integrations  
 APPROVED

mohammad  
 10/29/2014 11:11:42 AM

Quant Time: Oct 28 10:26:31 2014  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-PAH-BE102714.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 28 10:16:06 2014  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.10  | 152  | 27659    | 5.00  | ng    | 0.00     |
| 3) Naphthalene-d8           | 8.67  | 136  | 100641   | 5.00  | ng    | 0.00     |
| 7) Acenaphthene-d10         | 10.81 | 164  | 48860    | 5.00  | ng    | 0.00     |
| 12) Phenanthrene-d10        | 12.93 | 188  | 98827m   | 5.00  | ng    | 0.00     |
| 16) Chrysene-d12            | 18.34 | 240  | 51609    | 5.00  | ng    | 0.00     |
| 22) Perylene-d12            | 21.40 | 264  | 45738    | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) Nitrobenzene-d5          | 7.80  | 82   | 523435   | 69.04 | ng    | 0.01     |
| 8) 2-Fluorobiphenyl         | 10.01 | 172  | 684208   | 53.51 | ng    | 0.00     |
| 18) Terphenyl-d14           | 16.12 | 244  | 523241   | 54.21 | ng    | 0.02     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 13) Phenanthrene            | 12.96 | 178  | 15429m   | 0.06  | ng    |          |
| 15) Fluoranthene            | 15.20 | 202  | 4100     | 0.15  | ng    | 100      |
| 17) Pyrene                  | 15.66 | 202  | 3568     | 0.23  | ng    | 97       |
| 19) Benzo(a)anthracene      | 18.32 | 228  | 6008     | 0.17  | ng    | # 91     |
| 20) Chrysene                | 18.39 | 228  | 6977     | 0.16  | ng    | # 92     |
| 21) Indeno(1,2,3-cd)pyrene  | 23.58 | 276  | 3988     | 0.21  | ng    | 97       |
| 23) Benzo(b)fluoranthene    | 20.64 | 252  | 2088     | 0.15  | ng    | # 80     |
| 25) Benzo(a)pyrene          | 21.28 | 252  | 1248     | 0.12  | ng    | # 83     |
| 27) Benzo(g,h,i)perylene    | 24.20 | 276  | 3739     | 0.10  | ng    | # 73     |

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

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