

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\  
 Data File : BM020154.D  
 Acq On : 07 May 2019 05:14  
 Operator : JU/SJ  
 Sample : K2673-04 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-12-COMP

Manual Integrations  
 APPROVED

mohammad  
 5/7/2019 3:12:06 PM

Quant Time: May 07 06:46:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 209138   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.59 | 136  | 763002   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.43 | 164  | 400311   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 17.19 | 188  | 821238   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 21.37 | 240  | 791982   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12               | 23.66 | 264  | 926562   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.38  | 112  | 178838   | 13.98 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.96  | 99   | 262901   | 15.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.96  | 82   | 163651   | 8.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 15.93 | 330  | 75784    | 12.20 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 13.05 | 172  | 320286   | 9.84  | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.80 | 244  | 366740   | 8.08  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 71) Phenanthrene               | 17.23 | 178  | 209263   | 4.616 | ng    | 98       |
| 75) Fluoranthene               | 19.24 | 202  | 378756   | 6.603 | ng    | 98       |
| 78) Pyrene                     | 19.61 | 202  | 341745   | 6.427 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.35 | 228  | 204719   | 3.686 | ng    | 95       |
| 83) Chrysene                   | 21.40 | 228  | 192580m  | 3.575 | ng    |          |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 239419   | 7.979 | ng    | # 97     |
| 86) Indeno(1,2,3-cd)pyrene     | 26.00 | 276  | 159965   | 2.497 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.97 | 252  | 280391   | 4.583 | ng    | # 87     |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 209716   | 3.773 | ng    | # 86     |
| 92) Benzo(g,h,i)perylene       | 26.72 | 276  | 166087   | 3.027 | ng    | 92       |

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

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