

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\  
 Data File : BM020184.D  
 Acq On : 08 May 2019 02:47  
 Operator : JU/SJ  
 Sample : K2704-02 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(24-27)

Manual Integrations  
 APPROVED

Sohil  
 5/9/2019 6:44:35 PM

Quant Time: May 08 13:48:13 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  | 157826    | 20.00   | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.59 | 136  | 581383    | 20.00   | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.44 | 164  | 372744    | 20.00   | ng    | 0.00        |
| 64) Phenanthrene-d10        | 17.19 | 188  | 874951    | 20.00   | ng    | 0.01        |
| 76) Chrysene-d12            | 21.39 | 240  | 1084414   | 20.00   | ng    | 0.02        |
| 87) Perylene-d12            | 23.70 | 264  | 1235267   | 20.00   | ng    | 0.04        |
| System Monitoring Compounds |       |      |           |         |       |             |
| 5) 2-Fluorophenol           | 5.37  | 112  | 537927    | 55.71   | ng    | 0.00        |
| 7) Phenol-d6                | 6.96  | 99   | 752050    | 57.01   | ng    | 0.01        |
| 23) Nitrobenzene-d5         | 8.96  | 82   | 539645    | 36.65   | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 15.93 | 330  | 335170    | 57.93   | ng    | 0.01        |
| 45) 2-Fluorobiphenyl        | 13.05 | 172  | 1046468   | 34.54   | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.82 | 244  | 1972036   | 31.72   | ng    | 0.00        |
| Target Compounds            |       |      |           |         |       |             |
| 31) Naphthalene             | 10.63 | 128  | 144358    | 4.785   | ng    | Qvalue # 86 |
| 37) 2-Methylnaphthalene     | 12.25 | 142  | 667609    | 30.353  | ng    | 98          |
| 38) 1-Methylnaphthalene     | 12.47 | 142  | 470339    | 21.868  | ng    | # 97        |
| 50) Dimethylphthalate       | 13.89 | 163  | 83415     | 2.633   | ng    | # 86        |
| 52) Acenaphthene            | 14.50 | 154  | 1111620   | 49.447  | ng    | 98          |
| 58) Fluorene                | 15.49 | 166  | 1442210   | 46.309  | ng    | 97          |
| 71) Phenanthrene            | 17.24 | 178  | 15919398  | 329.608 | ng    | 96          |
| 72) Anthracene              | 17.33 | 178  | 6948636   | 143.896 | ng    | 99          |
| 73) Carbazole               | 17.60 | 167  | 263008    | 6.036   | ng    | # 69        |
| 75) Fluoranthene            | 19.26 | 202  | 21772377m | 356.286 | ng    |             |
| 78) Pyrene                  | 19.63 | 202  | 21265022  | 292.076 | ng    | # 80        |
| 81) Benzo(a)anthracene      | 21.37 | 228  | 14638254  | 192.482 | ng    | # 83        |
| 83) Chrysene                | 21.43 | 228  | 12432557  | 168.565 | ng    | # 92        |
| 86) Indeno(1,2,3-cd)pyrene  | 26.06 | 276  | 4058816m  | 46.265  | ng    |             |
| 88) Benzo(b)fluoranthene    | 23.01 | 252  | 13776033  | 168.885 | ng    | # 96        |
| 89) Benzo(k)fluoranthene    | 23.04 | 252  | 5064124m  | 68.059  | ng    |             |
| 90) Benzo(a)pyrene          | 23.61 | 252  | 9998416   | 134.945 | ng    | # 96        |
| 91) Dibenzo(a,h)anthracene  | 26.06 | 278  | 1246924   | 16.183  | ng    | # 87        |
| 92) Benzo(a,h,i)perylene    | 26.79 | 276  | 3415061m  | 46.683  | ng    |             |

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

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