

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\  
 Data File : BM020207.D  
 Acq On : 08 May 2019 22:36  
 Operator : JU/SJ  
 Sample : K2643-01 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-03-050719-A

Manual Integrations  
 APPROVED

Sohil  
 5/9/2019 6:45:40 PM

Quant Time: May 09 03:37:44 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  | 164259   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.58 | 136  | 596710   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.43 | 164  | 342639   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.18 | 188  | 790275   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.36 | 240  | 808482   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.66 | 264  | 956549   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.36  | 112  | 177661   | 17.68  | ng    | 0.00     |
| 7) Phenol-d6                | 6.95  | 99   | 238157   | 17.35  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 166659   | 11.03  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.92 | 330  | 93304    | 17.54  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.05 | 172  | 299675   | 10.76  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.80 | 244  | 457959   | 9.88   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 10.63 | 128  | 179978   | 5.812  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.25 | 142  | 107340   | 4.755  | ng    | 97       |
| 38) 1-Methylnaphthalene     | 12.46 | 142  | 129988   | 5.888  | ng    | 98       |
| 49) Acenaphthylene          | 14.16 | 152  | 80758    | 2.241  | ng    | 96       |
| 52) Acenaphthene            | 14.49 | 154  | 121669   | 5.888  | ng    | 99       |
| 55) Dibenzofuran            | 14.83 | 168  | 141735   | 4.066  | ng    | 97       |
| 58) Fluorene                | 15.48 | 166  | 171815   | 6.002  | ng    | 99       |
| 71) Phenanthrene            | 17.22 | 178  | 921480   | 21.123 | ng    | 100      |
| 72) Anthracene              | 17.32 | 178  | 276658   | 6.343  | ng    | 100      |
| 75) Fluoranthene            | 19.24 | 202  | 1091831  | 19.781 | ng    | 99       |
| 78) Pyrene                  | 19.60 | 202  | 1030924  | 18.992 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.35 | 228  | 476764m  | 8.409  | ng    |          |
| 83) Chrysene                | 21.40 | 228  | 436292m  | 7.934  | ng    |          |
| 86) Indeno(1,2,3-cd)pyrene  | 26.00 | 276  | 283364   | 4.332  | ng    | # 100    |
| 88) Benzo(b)fluoranthene    | 22.97 | 252  | 570340   | 9.029  | ng    | # 92     |
| 89) Benzo(k)fluoranthene    | 23.01 | 252  | 175040m  | 3.038  | ng    |          |
| 90) Benzo(a)pyrene          | 23.56 | 252  | 447441   | 7.799  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 26.71 | 276  | 284191   | 5.017  | ng    | 93       |

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

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