

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\  
 Data File : BM018371.D  
 Acq On : 21 Dec 2018 23:42  
 Operator : JU/SJ  
 Sample : J6501-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 VNJ-221

Manual Integrations  
 APPROVED

Sohil  
 12/26/2018 3:20:17 PM

Quant Time: Dec 22 05:48:38 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:39:37 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.48  | 152  | 114079   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.25 | 136  | 487181   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.14 | 164  | 267146   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 16.92 | 188  | 537857   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.14 | 240  | 455309   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 23.30 | 264  | 491521   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.13  | 112  | 468989   | 68.68 | ng    | 0.00     |
| 7) Phenol-d6                | 6.70  | 99   | 617168   | 65.02 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.64  | 82   | 412855   | 43.47 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.66 | 330  | 208307   | 53.13 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.75 | 172  | 771448   | 37.40 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.57 | 244  | 858714   | 42.65 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.73  | 94   | 45294    | 4.506 | ng    | 87       |
| 50) Dimethylphthalate       | 13.62 | 163  | 88189    | 3.971 | ng    | 100      |
| 75) Fluoranthene            | 18.99 | 202  | 134269   | 3.953 | ng    | 99       |
| 78) Pyrene                  | 19.36 | 202  | 118354   | 4.363 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.12 | 228  | 65317m   | 2.456 | ng    |          |
| 83) Chrysene                | 21.17 | 228  | 70483    | 2.755 | ng    | 94       |
| 86) Indeno(1,2,3-cd)pyrene  | 25.44 | 276  | 60146    | 2.360 | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 22.67 | 252  | 128760m  | 4.664 | ng    |          |
| 90) Benzo(a)pyrene          | 23.21 | 252  | 81232    | 3.093 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 26.10 | 276  | 63621    | 2.767 | ng    | # 87     |

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

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