

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\  
 Data File : BF118006.D  
 Acq On : 26 Nov 2019 14:49  
 Operator : JU  
 Sample : K5999-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDLEWILD-BH-03A

Manual Integrations  
 APPROVED

jagrut  
 11/27/2019 11:33:32 PM

Quant Time: Nov 26 15:25:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 26 05:38:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.89  | 152  | 130518   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.18  | 136  | 547318   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.95  | 164  | 206724   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 11.43 | 188  | 328174   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 14.09 | 240  | 296551   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12               | 15.60 | 264  | 251603   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.51  | 112  | 707306   | 95.93 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.52  | 99   | 789372   | 88.76 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.46  | 82   | 538500   | 58.49 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 10.73 | 330  | 172770   | 78.94 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 9.26  | 172  | 809658   | 70.27 | ng    | 0.00     |
| 79) Terphenyl-d14              | 13.03 | 244  | 818246   | 50.43 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 9.65  | 163  | 128595   | 8.871 | ng    | 98       |
| 71) Phenanthrene               | 11.46 | 178  | 54337    | 3.293 | ng    | 98       |
| 75) Fluoranthene               | 12.66 | 202  | 172596   | 4.758 | ng    | 98       |
| 78) Pyrene                     | 12.89 | 202  | 161989   | 6.759 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.08 | 228  | 110283   | 5.628 | ng    | 94       |
| 83) Chrysene                   | 14.12 | 228  | 104566m  | 5.507 | ng    |          |
| 84) Bis(2-ethylhexyl)phthalate | 14.06 | 149  | 81704    | 6.547 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.13 | 276  | 55410    | 3.429 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 15.15 | 252  | 141374m  | 8.648 | ng    |          |
| 89) Benzo(k)fluoranthene       | 15.17 | 252  | 49741m   | 3.229 | ng    |          |
| 90) Benzo(a)pyrene             | 15.53 | 252  | 86550    | 6.021 | ng    | # 91     |
| 92) Benzo(a,h,i)perylene       | 17.59 | 276  | 40364    | 3.275 | ng    | 95       |

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

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