

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\  
 Data File : BF117204.D  
 Acq On : 20 Sep 2019 23:36  
 Operator : HP/JU  
 Sample : K4964-02DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2DL

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 9:13:01 AM

Quant Time: Sep 21 01:28:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 38189    | 20.00 | ng    | 0.00       |
| 21) Naphthalene-d8          | 8.10  | 136  | 154787   | 20.00 | ng    | 0.00       |
| 39) Acenaphthene-d10        | 9.85  | 164  | 73919    | 20.00 | ng    | 0.00       |
| 64) Phenanthrene-d10        | 11.34 | 188  | 93538    | 20.00 | ng    | 0.00       |
| 76) Chrysene-d12            | 13.98 | 240  | 50579    | 20.00 | ng    | 0.00       |
| 87) Perylene-d12            | 15.43 | 264  | 47085    | 20.00 | ng    | 0.01       |
| System Monitoring Compounds |       |      |          |       |       |            |
| 5) 2-Fluorophenol           | 5.45  | 112  | 41134    | 16.82 | ng    | 0.00       |
| 7) Phenol-d6                | 6.46  | 99   | 55909    | 17.69 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 33958    | 11.53 | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 9589     | 15.52 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 72640    | 15.37 | ng    | 0.00       |
| 79) Terphenyl-d14           | 12.92 | 244  | 43342    | 16.02 | ng    | 0.00       |
| Target Compounds            |       |      |          |       |       |            |
| 75) Fluoranthene            | 12.55 | 202  | 15817    | 2.897 | ng    | Qvalue 100 |
| 78) Pyrene                  | 12.78 | 202  | 14808    | 3.489 | ng    | 97         |
| 81) Benzo(a)anthracene      | 13.97 | 228  | 8525     | 2.523 | ng    | 95         |
| 83) Chrysene                | 14.00 | 228  | 7595     | 2.304 | ng    | 97         |
| 88) Benzo(b)fluoranthene    | 15.01 | 252  | 8788m    | 3.081 | ng    |            |
| 90) Benzo(a)pyrene          | 15.37 | 252  | 7107     | 2.840 | ng    | # 87       |

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

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