

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\  
 Data File : BF116160.D  
 Acq On : 10 Aug 2019 20:21  
 Operator : HP/JU  
 Sample : K4245-05 10X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-27

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:54:57 AM

Quant Time: Aug 12 03:19:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 11:13:18 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.84  | 152  | 155148   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.12  | 136  | 611721   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.87  | 164  | 282028   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.36 | 188  | 399137   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.00 | 240  | 299119   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.47 | 264  | 280416   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 78212    | 8.44  | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 115922   | 9.91  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 64986    | 6.13  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 13318    | 4.87  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 136584   | 9.07  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.94 | 244  | 98359    | 6.93  | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 71) Phenanthrene            | 11.38 | 178  | 88539    | 4.339 | ng    | 97       |
| 75) Fluoranthene            | 12.57 | 202  | 171917   | 8.048 | ng    | 99       |
| 78) Pyrene                  | 12.80 | 202  | 149111   | 6.613 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.99 | 228  | 71025    | 3.715 | ng    | 98       |
| 83) Chrysene                | 14.03 | 228  | 64299    | 3.464 | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.04 | 252  | 64169m   | 3.958 | ng    |          |
| 90) Benzo(a)pyrene          | 15.41 | 252  | 43741    | 3.018 | ng    | # 94     |

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

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