

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\  
 Data File : BF117591.D  
 Acq On : 29 Oct 2019 15:24  
 Operator : JU  
 Sample : K5153-05RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-102419RE

Manual Integrations  
 APPROVED

mohammad  
 10/30/2019 4:53:01 PM

Quant Time: Oct 29 16:02:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 18:53:31 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 43759    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 164416   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 68552    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.25 | 188  | 96236    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.89 | 240  | 85258    | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.33 | 264  | 66527    | 20.00 | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.36  | 112  | 152193   | 51.74 | ng    | 0.00     |
| 7) Phenol-d6                | 6.38  | 99   | 207791   | 52.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 123919   | 37.21 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.56 | 330  | 25926    | 43.71 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 177056   | 36.39 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.83 | 244  | 139400   | 26.67 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 9.48  | 163  | 26099    | 5.340 | ng    | 98       |
| 71) Phenanthrene            | 11.27 | 178  | 14647    | 2.621 | ng    | 95       |
| 75) Fluoranthene            | 12.47 | 202  | 23373    | 4.178 | ng    | 99       |
| 78) Pyrene                  | 12.69 | 202  | 23588    | 3.221 | ng    | 96       |
| 81) Benzo(a)anthracene      | 13.88 | 228  | 11598    | 2.017 | ng    | 100      |
| 88) Benzo(b)fluoranthene    | 14.92 | 252  | 12200m   | 3.106 | ng    |          |
| 90) Benzo(a)pyrene          | 15.27 | 252  | 7679     | 2.150 | ng    | # 79     |

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

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