

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\  
 Data File : BF089813.D  
 Acq On : 19 Aug 2016 23:06  
 Operator : UM/SJ  
 Sample : H4518-08  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-2(0-8)

Manual Integrations  
 APPROVED

sohil  
 8/22/2016 3:48:30 PM

Quant Time: Aug 22 02:24:53 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.68  | 152  | 582944   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.96  | 136  | 1997355  | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.71  | 164  | 897792   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.19 | 188  | 1408358  | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.85 | 240  | 1009373  | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.34 | 264  | 1153229  | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.27  | 112  | 3431012  | 100.93 | ng    | 0.01     |
| 7) Phenol-d6                | 6.33  | 99   | 4822103  | 115.56 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.24  | 82   | 2703796  | 84.10  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330  | 778571   | 91.25  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 4188627  | 82.00  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.78 | 244  | 2710184  | 60.74  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.44  | 163  | 1115916  | 17.65  | ng    | 99       |
| 70) Phenanthrene            | 11.21 | 178  | 238154   | 3.35   | ng    | 99       |
| 74) Fluoranthene            | 12.40 | 202  | 310340   | 4.59   | ng    | 94       |
| 77) Pyrene                  | 12.62 | 202  | 290954   | 3.54   | ng    | 96       |
| 80) Benzo(a)anthracene      | 13.84 | 228  | 166304   | 2.88   | ng    | 98       |
| 82) Chrysene                | 13.87 | 228  | 118880   | 2.40   | ng    | 96       |
| 87) Benzo(b)fluoranthene    | 14.95 | 252  | 194728m  | 3.07   | ng    |          |

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

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