

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\  
 Data File : BF090287.D  
 Acq On : 29 Sep 2016 12:21  
 Operator : UM/SJ  
 Sample : H4949-07DL 20X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-4-1-LOC-4(0-5)DL

Manual Integrations  
 APPROVED

sohil  
 9/30/2016 3:59:54 PM

Quant Time: Sep 30 11:18:11 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 26 15:58:38 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.46  | 152  | 140010   | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8             | 7.75  | 136  | 584870   | 20.00 | ng    | -0.02     |
| 38) Acenaphthene-d10           | 9.50  | 164  | 323601   | 20.00 | ng    | -0.01     |
| 63) Phenanthrene-d10           | 10.96 | 188  | 473626   | 20.00 | ng    | -0.02     |
| 75) Chrysene-d12               | 13.58 | 240  | 413002   | 20.00 | ng    | -0.02     |
| 86) Perylene-d12               | 14.90 | 264  | 321085   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 5) 2-Fluorophenol              | 5.00  | 112  | 47873    | 5.57  | ng    | -0.02     |
| 7) Phenol-d6                   | 6.11  | 99   | 65818    | 6.20  | ng    | -0.02     |
| 23) Nitrobenzene-d5            | 7.03  | 82   | 37721    | 3.74  | ng    | -0.03     |
| 41) 2,4,6-Tribromophenol       | 10.27 | 330  | 14676    | 5.29  | ng    | -0.02     |
| 44) 2-Fluorobiphenyl           | 8.83  | 172  | 78894    | 4.79  | ng    | -0.02     |
| 78) Terphenyl-d14              | 12.55 | 244  | 77555    | 4.77  | ng    | -0.01     |
| Target Compounds               |       |      |          |       |       |           |
| 70) Phenanthrene               | 10.98 | 178  | 45947    | 2.07  | ng    | Qvalue 98 |
| 74) Fluoranthene               | 12.16 | 202  | 98520    | 4.14  | ng    | 97        |
| 77) Pyrene                     | 12.39 | 202  | 82951    | 2.94  | ng    | 97        |
| 79) Butylbenzylphthalate       | 13.03 | 149  | 41785    | 3.02  | ng    | # 81      |
| 83) Bis(2-ethylhexyl)phthalate | 13.61 | 149  | 1319057  | 74.56 | ng    | # 98      |
| 87) Benzo(b)fluoranthene       | 14.56 | 252  | 47746m   | 2.69  | ng    |           |

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

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