

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\  
 Data File : BF089500.D  
 Acq On : 1 Aug 2016 7:29  
 Operator : UM/SJ  
 Sample : H4205-17DL 5X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-40-0.5-1.5

Manual Integrations  
 APPROVED

sohil  
 8/1/2016 7:16:49 PM

Quant Time: Aug 01 08:01:46 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 16:02:32 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.49  | 152  | 45727    | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8          | 7.78  | 136  | 178183   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.52  | 164  | 65134    | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10        | 10.99 | 188  | 108092   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12            | 13.62 | 240  | 87214    | 20.00 | ng    | -0.05    |
| 86) Perylene-d12            | 14.95 | 264  | 72499    | 20.00 | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.06  | 112  | 75414    | 26.33 | ng    | -0.05    |
| 7) Phenol-d6                | 6.16  | 99   | 98393    | 26.00 | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 7.06  | 82   | 60325    | 19.98 | ng    | -0.06    |
| 41) 2,4,6-Tribromophenol    | 10.31 | 330  | 12773    | 23.68 | ng    | -0.06    |
| 44) 2-Fluorobiphenyl        | 8.86  | 172  | 103616   | 23.35 | ng    | -0.06    |
| 78) Terphenyl-d14           | 12.58 | 244  | 64527    | 17.32 | ng    | -0.05    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.26  | 163  | 22162    | 4.47  | ng    | # 98     |
| 51) Acenaphthene            | 9.55  | 154  | 11427    | 2.98  | ng    | 97       |
| 57) Fluorene                | 10.07 | 166  | 15078    | 3.31  | ng    | # 97     |
| 70) Phenanthrene            | 11.02 | 178  | 152041   | 27.27 | ng    | 99       |
| 71) Anthracene              | 11.07 | 178  | 58857    | 9.50  | ng    | 99       |
| 74) Fluoranthene            | 12.21 | 202  | 168363   | 28.71 | ng    | 98       |
| 77) Pyrene                  | 12.42 | 202  | 136549   | 20.66 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.61 | 228  | 54617m   | 11.10 | ng    |          |
| 82) Chrysene                | 13.65 | 228  | 46514m   | 8.88  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.13 | 276  | 19037    | 5.11  | ng    | # 87     |
| 87) Benzo(b)fluoranthene    | 14.61 | 252  | 43894m   | 9.75  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.62 | 252  | 19746m   | 4.77  | ng    |          |
| 89) Benzo(a)pyrene          | 14.90 | 252  | 33624    | 8.33  | ng    | 96       |
| 91) Benzo(a,h,i)perylene    | 16.48 | 276  | 16732    | 5.35  | ng    | 96       |

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

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