

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\  
 Data File : BF088561.D  
 Acq On : 1 Jul 2016 6:38  
 Operator : UM/SJ  
 Sample : H3747-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C8-B4(0-4.5)C

## Manual Integrations

APPROVED  
 SOHIL  
 7/1/2016 8:06:40 AM

Quant Time: Jul 01 07:09:26 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 01 01:58:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 145327   | 20.00  | ng    | 0.01     |
| 21) Naphthalene-d8          | 8.10  | 136  | 570099   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 238963   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 381271   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.95 | 240  | 270732   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.36 | 264  | 275598   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 850338   | 87.69  | ng    | 0.01     |
| 7) Phenol-d6                | 6.46  | 99   | 1292622  | 103.17 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 715710   | 65.79  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 191695   | 86.39  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 1131598  | 74.80  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.91 | 244  | 688599   | 56.65  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.58  | 163  | 74188    | 4.36   | ng    | 97       |
| 70) Phenanthrene            | 11.35 | 178  | 46694    | 2.24   | ng    | 97       |
| 74) Fluoranthene            | 12.54 | 202  | 103636   | 4.90   | ng    | 97       |
| 77) Pyrene                  | 12.76 | 202  | 100614   | 4.38   | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.94 | 228  | 58803    | 3.37   | ng    | 97       |
| 82) Chrysene                | 13.98 | 228  | 43420m   | 2.52   | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 56746m   | 3.28   | ng    |          |
| 89) Benzo(a)pyrene          | 15.30 | 252  | 43280    | 2.96   | ng    | 98       |

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

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