

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\  
 Data File : BF116111.D  
 Acq On : 9 Aug 2019 14:19  
 Operator : HP/JU  
 Sample : K4152-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-H1-H4-COMP-(0-1)

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 7:17:53 AM

Quant Time: Aug 10 03:44:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 11:13:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.84  | 152  | 126926   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.12  | 136  | 503680   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10           | 9.87  | 164  | 271595   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.36 | 188  | 497395   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12               | 14.00 | 240  | 386339   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12               | 15.46 | 264  | 329399   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.46  | 112  | 750904   | 99.04  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.47  | 99   | 970469   | 101.45 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.40  | 82   | 630554   | 72.26  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.66 | 330  | 254894   | 96.80  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 9.19  | 172  | 1102685  | 76.05  | ng    | -0.01    |
| 79) Terphenyl-d14              | 12.95 | 244  | 1279314  | 69.78  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 32) Benzoic acid               | 7.92  | 122  | 15687    | 3.330  | ng    | 85       |
| 50) Dimethylphthalate          | 9.59  | 163  | 238118   | 12.876 | ng    | 99       |
| 71) Phenanthrene               | 11.38 | 178  | 54236    | 2.133  | ng    | 99       |
| 75) Fluoranthene               | 12.57 | 202  | 158415   | 5.951  | ng    | 79       |
| 78) Pyrene                     | 12.80 | 202  | 144641   | 4.967  | ng    | # 87     |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 84754    | 3.432  | ng    | 96       |
| 83) Chrysene                   | 14.03 | 228  | 68954    | 2.876  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 86502    | 5.403  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 73995m   | 3.885  | ng    |          |
| 90) Benzo(a)pyrene             | 15.41 | 252  | 51411    | 3.020  | ng    | 100      |

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

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