

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\  
 Data File : BF103767.D  
 Acq On : 19 Mar 2018 20:30  
 Operator : JU/SJ  
 Sample : J1971-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-6-SA-3-WW@4.5

Manual Integrations  
 APPROVED

Sohil  
 3/20/2018 6:26:44 PM

Quant Time: Mar 20 01:44:47 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 15 18:31:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 155939   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 613177   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 257554   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 399029   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 316902   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 240518   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 1298258 | 126.63 | ng | 0.02 |
| 7) Phenol-d6             | 6.60  | 99  | 1609098 | 128.29 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 968349  | 110.13 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 310824  | 140.36 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.33  | 172 | 1345189 | 83.31  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.10 | 244 | 1103539 | 80.83  | ng | 0.01 |

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 10) Phenol                 | 6.61  | 94  | 53020   | 3.978  | ng | 92     |
| 31) Naphthalene            | 8.27  | 128 | 128939  | 4.163  | ng | 99     |
| 37) 2-Methylnaphthalene    | 8.96  | 142 | 56617   | 2.882  | ng | 98     |
| 49) Dimethylphthalate      | 9.72  | 163 | 140072  | 7.128  | ng | 99     |
| 57) Fluorene               | 10.56 | 166 | 42851   | 2.462  | ng | 98     |
| 70) Phenanthrene           | 11.53 | 178 | 512935  | 23.499 | ng | 98     |
| 71) Anthracene             | 11.58 | 178 | 108242  | 4.882  | ng | 98     |
| 72) Carbazole              | 11.73 | 167 | 69683   | 3.234  | ng | 99     |
| 74) Fluoranthene           | 12.73 | 202 | 598795  | 26.628 | ng | 98     |
| 77) Pyrene                 | 12.96 | 202 | 521903  | 22.425 | ng | 99     |
| 80) Benzo(a)anthracene     | 14.14 | 228 | 241699  | 12.049 | ng | 99     |
| 82) Chrysene               | 14.18 | 228 | 250350  | 13.092 | ng | 97     |
| 85) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 82726   | 4.954  | ng | 95     |
| 87) Benzo(b)fluoranthene   | 15.24 | 252 | 247883m | 16.313 | ng |        |
| 88) Benzo(k)fluoranthene   | 15.26 | 252 | 67932m  | 4.651  | ng |        |
| 89) Benzo(a)pyrene         | 15.63 | 252 | 148354  | 10.764 | ng | 96     |
| 91) Benzo(a,h,i)perylene   | 17.74 | 276 | 76291   | 6.571  | ng | 97     |

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

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