

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\  
 Data File : BF108138.D  
 Acq On : 14 Aug 2018 12:19  
 Operator : JU/SJ  
 Sample : J4409-13  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-12C

Manual Integrations  
 APPROVED

Sohil  
 8/15/2018 3:38:22 PM

Quant Time: Aug 14 16:18:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.02  | 152  | 189183   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.30  | 136  | 669557   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.07 | 164  | 296937   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.57 | 188  | 518929   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.22 | 240  | 447560   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.79 | 264  | 342609   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.65  | 112  | 1009191  | 96.58  | ng    | 0.02     |
| 7) Phenol-d6                | 6.64  | 99   | 1340122  | 96.51  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.58  | 82   | 862456   | 71.88  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.86 | 330  | 289024   | 97.58  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.38  | 172  | 1330200  | 71.92  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.15 | 244  | 1244846  | 70.72  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.65  | 94   | 66464    | 4.627  | ng    | 77       |
| 31) Naphthalene             | 8.32  | 128  | 148697   | 4.883  | ng    | 98       |
| 49) Dimethylphthalate       | 9.77  | 163  | 213078   | 10.302 | ng    | 99       |
| 51) Acenaphthene            | 10.10 | 154  | 197879   | 11.810 | ng    | 98       |
| 57) Fluorene                | 10.61 | 166  | 203681   | 10.599 | ng    | 98       |
| 70) Phenanthrene            | 11.59 | 178  | 935330   | 38.214 | ng    | 99       |
| 71) Anthracene              | 11.64 | 178  | 545530   | 21.746 | ng    | 99       |
| 74) Fluoranthene            | 12.81 | 202  | 1661339  | 62.193 | ng    | 95       |
| 77) Pyrene                  | 13.03 | 202  | 1444060  | 50.963 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.21 | 228  | 717672   | 27.941 | ng    | 97       |
| 82) Chrysene                | 14.25 | 228  | 507915   | 21.569 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.41 | 276  | 160339   | 7.858  | ng    | # 88     |
| 87) Benzo(b)fluoranthene    | 15.32 | 252  | 542093m  | 26.479 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.34 | 252  | 186953m  | 9.934  | ng    |          |
| 89) Benzo(a)pyrene          | 15.72 | 252  | 389486   | 21.246 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 17.41 | 278  | 41163m   | 2.714  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.90 | 276  | 128921   | 8.632  | ng    | # 92     |

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

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