

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040119\  
 Data File : BF113472.D  
 Acq On : 1 Apr 2019 17:53  
 Operator : JU/SJ  
 Sample : K2056-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-8

Manual Integrations  
 APPROVED

Sohil  
 4/2/2019 3:49:27 PM

Quant Time: Apr 02 02:05:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 135486   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 527617   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.73  | 164  | 260126   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.22 | 188  | 514698   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.85 | 240  | 397688   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.26 | 264  | 373557   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 784830   | 94.72  | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 1045435  | 99.73  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 610068   | 68.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330  | 320476   | 99.74  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.06  | 172  | 1227421  | 71.07  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.80 | 244  | 1238532  | 68.65  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Acenaphthylene          | 9.60  | 152  | 74515    | 2.755  | ng    | 98       |
| 50) Dimethylphthalate       | 9.46  | 163  | 100476   | 5.212  | ng    | 100      |
| 71) Phenanthrene            | 11.24 | 178  | 320956   | 12.557 | ng    | 98       |
| 72) Anthracene              | 11.29 | 178  | 218398   | 8.412  | ng    | 98       |
| 73) Carbazole               | 11.45 | 167  | 201769   | 8.145  | ng    | 99       |
| 75) Fluoranthene            | 12.43 | 202  | 1982951  | 68.626 | ng    | 98       |
| 78) Pyrene                  | 12.66 | 202  | 1585063  | 57.516 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.84 | 228  | 358831   | 15.763 | ng    | 94       |
| 83) Chrysene                | 13.87 | 228  | 936512   | 40.503 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.62 | 276  | 145280   | 7.321  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 14.86 | 252  | 993862m  | 42.829 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.89 | 252  | 204479m  | 10.034 | ng    |          |
| 90) Benzo(a)pyrene          | 15.20 | 252  | 156657   | 7.615  | ng    | # 94     |
| 92) Benzo(g,h,i)perylene    | 17.03 | 276  | 119336   | 6.654  | ng    | 97       |

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

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