

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\  
 Data File : BF115580.D  
 Acq On : 16 Jul 2019 1:52  
 Operator : HP/JU  
 Sample : K3626-05 4X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-04-071119-A

Quant Time: Jul 16 06:39:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.88  | 152  | 279041   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 877734   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.92  | 164  | 383316   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.40 | 188  | 629290   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.04 | 240  | 446216   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.52 | 264  | 466435   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 521610   | 30.58  | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 685594   | 31.67  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 346406   | 22.95  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 119805   | 26.78  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 629064   | 28.72  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.99 | 244  | 536401   | 22.18  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.19  | 128  | 339292   | 7.982  | ng    | 95       |
| 37) 2-Methylnaphthalene     | 8.87  | 142  | 150102   | 5.327  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.97  | 142  | 135088   | 5.047  | ng    | 100      |
| 49) Acenaphthylene          | 9.78  | 152  | 110558   | 2.990  | ng    | 96       |
| 50) Dimethylphthalate       | 9.63  | 163  | 71782    | 2.489  | ng    | 99       |
| 52) Acenaphthene            | 9.95  | 154  | 168794   | 7.071  | ng    | 98       |
| 55) Dibenzofuran            | 10.12 | 168  | 286608   | 8.455  | ng    | 98       |
| 58) Fluorene                | 10.46 | 166  | 317138   | 13.087 | ng    | 99       |
| 71) Phenanthrene            | 11.44 | 178  | 2384283  | 73.916 | ng    | 99       |
| 72) Anthracene              | 11.48 | 178  | 720941   | 21.626 | ng    | 98       |
| 73) Carbazole               | 11.63 | 167  | 288558   | 9.871  | ng    | 98       |
| 75) Fluoranthene            | 12.62 | 202  | 1942327  | 56.982 | ng    | 97       |
| 78) Pyrene                  | 12.85 | 202  | 1746568  | 46.199 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.03 | 228  | 895877   | 30.475 | ng    | 98       |
| 83) Chrysene                | 14.07 | 228  | 745048   | 25.247 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 282358   | 11.262 | ng    | # 92     |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 776071m  | 25.839 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.11 | 252  | 249981m  | 9.335  | ng    |          |
| 90) Benzo(a)pyrene          | 15.45 | 252  | 527442   | 20.432 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 17.00 | 278  | 78049    | 3.444  | ng    | # 91     |
| 92) Benzo(g,h,i)perylene    | 17.43 | 276  | 251661   | 11.135 | ng    | 100      |

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

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