

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\  
 Data File : BF112005.D  
 Acq On : 10 Jan 2019 23:22  
 Operator : JU/SJ  
 Sample : K1071-02 2X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CPSB-17(20-25)

Manual Integrations  
 APPROVED

Sohil  
 1/11/2019 4:43:01 PM

Quant Time: Jan 11 03:00:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 07 14:33:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.89  | 152  | 97400    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.18  | 136  | 194599   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.94  | 164  | 108433   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10           | 11.41 | 188  | 258264   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12               | 14.04 | 240  | 217846   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12               | 15.53 | 264  | 158219   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.50  | 112  | 352407   | 61.90  | ng    | -0.02    |
| 7) Phenol-d6                   | 6.52  | 99   | 525175   | 71.57  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.45  | 82   | 499809   | 137.27 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol       | 10.72 | 330  | 93359    | 66.19  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 9.26  | 172  | 318896   | 42.88  | ng    | 0.00     |
| 79) Terphenyl-d14              | 12.99 | 244  | 511825   | 44.60  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.53  | 94   | 33779    | 4.235  | ng    | 88       |
| 37) 2-Methylnaphthalene        | 8.90  | 142  | 273182   | 47.725 | ng    | # 94     |
| 38) 1-Methylnaphthalene        | 9.00  | 142  | 315790   | 57.519 | ng    | # 99     |
| 52) Acenaphthene               | 9.97  | 154  | 99123    | 14.610 | ng    | # 76     |
| 55) Dibenzofuran               | 10.14 | 168  | 155439   | 15.753 | ng    | # 62     |
| 58) Fluorene                   | 10.48 | 166  | 180002   | 25.070 | ng    | # 96     |
| 71) Phenanthrene               | 11.43 | 178  | 523204   | 37.891 | ng    | 99       |
| 72) Anthracene                 | 11.48 | 178  | 74539m   | 5.318  | ng    |          |
| 73) Carbazole                  | 11.63 | 167  | 56856    | 4.170  | ng    | 96       |
| 75) Fluoranthene               | 12.62 | 202  | 294185   | 20.753 | ng    | 99       |
| 78) Pyrene                     | 12.84 | 202  | 224528   | 14.979 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 63853    | 5.093  | ng    | 98       |
| 83) Chrysene                   | 14.07 | 228  | 52842m   | 4.420  | ng    |          |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 433080   | 52.039 | ng    | # 98     |
| 86) Indeno(1,2,3-cd)pyrene     | 17.01 | 276  | 20833    | 2.390  | ng    | 94       |
| 88) Benzo(b)fluoranthene       | 15.09 | 252  | 45913m   | 4.851  | ng    |          |
| 90) Benzo(a)pyrene             | 15.46 | 252  | 30272    | 3.638  | ng    | # 73     |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 20781    | 3.174  | ng    | # 78     |

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

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