

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\  
 Data File : BF111422.D  
 Acq On : 14 Dec 2018 16:49  
 Operator : JU/SJ  
 Sample : J6319-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 063\_SW-E-1

Manual Integrations  
 APPROVED

Sohil  
 12/17/2018 2:36:27 PM

Quant Time: Dec 14 17:30:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 173024   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 690109   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.83  | 164  | 324602   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.31 | 188  | 496602   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.94 | 240  | 326203   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.39 | 264  | 306955   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 1125503  | 108.25 | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 1424522  | 103.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 886259   | 76.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 262083   | 90.13  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 1349794  | 64.23  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.90 | 244  | 849135   | 61.13  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.45  | 94   | 103920   | 6.745  | ng    | 91       |
| 31) Naphthalene             | 8.09  | 128  | 86742    | 2.687  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.89  | 142  | 50128    | 2.376  | ng    | # 96     |
| 50) Dimethylphthalate       | 9.54  | 163  | 118562   | 5.072  | ng    | 98       |
| 75) Fluoranthene            | 12.53 | 202  | 102791   | 4.106  | ng    | 98       |
| 78) Pyrene                  | 12.75 | 202  | 108210   | 4.705  | ng    | 94       |
| 81) Benzo(a)anthracene      | 13.94 | 228  | 187878m  | 10.592 | ng    |          |
| 83) Chrysene                | 13.97 | 228  | 181205   | 9.698  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.80 | 276  | 271657m  | 20.145 | ng    |          |
| 88) Benzo(b)fluoranthene    | 14.98 | 252  | 509295m  | 28.459 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.00 | 252  | 151534m  | 8.862  | ng    |          |
| 90) Benzo(a)pyrene          | 15.33 | 252  | 409030   | 25.346 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.82 | 278  | 78863m   | 6.195  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 17.23 | 276  | 257026   | 20.569 | ng    | 94       |

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

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