

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123020\  
 Data File : BF122892.D  
 Acq On : 30 Dec 2020 22:11  
 Operator : JU/CG  
 Sample : L5242-13DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-7(434+26)DL

Manual Integrations  
 APPROVED

mohammad  
 12/31/2020 10:46:17 AM

Quant Time: Dec 31 01:00:07 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 110669   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 403923   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 196147   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.351 | 188  | 342030   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 356609   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12            | 15.463 | 264  | 378961   | 20.00 | ng    | 0.02     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 37999    | 5.44  | ng    | 0.01     |
| 7) Phenol-d6                | 6.469  | 99   | 40606    | 4.38  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 23507    | 2.92  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 12557    | 4.89  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.181  | 172  | 55634    | 3.84  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 74726    | 3.67  | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 71) Phenanthrene            | 11.375 | 178  | 225873   | 11.11 | ng    | 98       |
| 72) Anthracene              | 11.428 | 178  | 56736    | 2.81  | ng    | 97       |
| 73) Carbazole               | 11.580 | 167  | 75969    | 4.16  | ng    | 97       |
| 75) Fluoranthene            | 12.569 | 202  | 1314751  | 61.68 | ng    | 100      |
| 78) Pyrene                  | 12.798 | 202  | 1121566  | 40.68 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.986 | 228  | 226421   | 9.50  | ng    | 97       |
| 83) Chrysene                | 14.021 | 228  | 691812   | 29.17 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.921 | 276  | 123240   | 4.95  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.039 | 252  | 694306m  | 26.11 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.063 | 252  | 198687m  | 8.17  | ng    |          |
| 90) Benzo(a)pyrene          | 15.404 | 252  | 161920   | 6.96  | ng    | 96       |
| 92) Benzo(g,h,i)perylene    | 17.362 | 276  | 100086   | 5.08  | ng    | 100      |
| -----                       |        |      |          |       |       |          |

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

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