

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090920\  
 Data File : BF121545.D  
 Acq On : 9 Sep 2020 13:31  
 Operator : JU/CG  
 Sample : L3915-13DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-PM-A2-10-14-CDL

Manual Integrations  
 APPROVED

mohammad  
 9/10/2020 1:05:25 PM

Quant Time: Sep 14 08:18:00 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 17:52:18 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.84  | 152  | 306669   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.13  | 136  | 1101799  | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.88  | 164  | 576717   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.37 | 188  | 1130895  | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.00 | 240  | 923149   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 15.46 | 264  | 801592   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.45  | 112  | 323846   | 17.72  | ng    | -0.02       |
| 7) Phenol-d6                | 6.46  | 99   | 438690   | 17.17  | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 292146   | 18.13  | ng    | -0.02       |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 122962   | 21.11  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 507063   | 14.19  | ng    | -0.01       |
| 79) Terphenyl-d14           | 12.94 | 244  | 543122   | 12.38  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 31) Naphthalene             | 8.15  | 128  | 669800   | 12.245 | ng    | Qvalue # 96 |
| 37) 2-Methylnaphthalene     | 8.84  | 142  | 477133   | 13.165 | ng    | 99          |
| 38) 1-Methylnaphthalene     | 8.94  | 142  | 1136478  | 33.210 | ng    | 100         |
| 52) Acenaphthene            | 9.91  | 154  | 174210   | 5.142  | ng    | 94          |
| 55) Dibenzofuran            | 10.09 | 168  | 212759m  | 4.323  | ng    |             |
| 58) Fluorene                | 10.43 | 166  | 303651   | 8.185  | ng    | # 94        |
| 71) Phenanthrene            | 11.39 | 178  | 1497938  | 25.811 | ng    | 98          |
| 75) Fluoranthene            | 12.58 | 202  | 814746   | 13.026 | ng    | 98          |
| 78) Pyrene                  | 12.80 | 202  | 769742   | 11.675 | ng    | 98          |
| 81) Benzo(a)anthracene      | 13.99 | 228  | 246692   | 4.378  | ng    | 98          |
| 83) Chrysene                | 14.02 | 228  | 229963   | 4.079  | ng    | 96          |
| 88) Benzo(b)fluoranthene    | 15.03 | 252  | 269636m  | 5.171  | ng    |             |
| 89) Benzo(k)fluoranthene    | 15.06 | 252  | 99491m   | 2.051  | ng    |             |
| 90) Benzo(a)pyrene          | 15.39 | 252  | 151171   | 3.224  | ng    | # 97        |
| 92) Benzo(a,h,i)perylene    | 17.33 | 276  | 147480   | 3.792  | ng    | 99          |

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

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