

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031017\  
 Data File : BM009197.D  
 Acq On : 11 Mar 2017 04:18  
 Operator : SJ/MA  
 Sample : I2072-07  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK2

Manual Integrations  
 APPROVED

mohammad  
 3/13/2017 2:14:53 PM

Quant Time: Mar 11 05:54:01 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 11 02:23:19 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 263      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.68 | 136  | 822      | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 500      | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 1135m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.44 | 240  | 1221m    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.77 | 264  | 1245m    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 315      | 0.23  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 866      | 0.24  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       |        | Qvalue   |
| 3) Naphthalene              | 10.73 | 128  | 693      | 0.29  | ng/ul# | 85       |
| 5) 2-Methylnaphthalene      | 12.34 | 142  | 1068     | 0.63  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.23 | 152  | 311      | 0.12  | ng/ul# | 57       |
| 8) Acenaphthene             | 14.57 | 153  | 745      | 0.37  | ng/ul  | 93       |
| 9) Fluorene                 | 15.56 | 166  | 487m     | 0.21  | ng/ul  |          |
| 12) Phenanthrene            | 17.30 | 178  | 21423m   | 6.01  | ng/ul  |          |
| 13) Anthracene              | 17.40 | 178  | 2942     | 0.84  | ng/ul  | 94       |
| 15) Fluoranthene            | 19.33 | 202  | 46774    | 10.06 | ng/ul  | 93       |
| 17) Pyrene                  | 19.69 | 202  | 42562m   | 10.14 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 29460m   | 7.26  | ng/ul  |          |
| 19) Chrysene                | 21.47 | 228  | 32975m   | 8.57  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.07 | 252  | 34371m   | 7.03  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.11 | 252  | 9048m    | 2.09  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.67 | 252  | 17798m   | 4.04  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.15 | 276  | 11401m   | 2.04  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.16 | 278  | 4366m    | 0.93  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.89 | 276  | 9447m    | 1.98  | ng/ul  |          |

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

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