

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122216\  
 Data File : BM008555.D  
 Acq On : 22 Dec 2016 14:44  
 Operator : UM/SJ  
 Sample : H5970-22  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA861

Quant Time: Dec 22 15:51:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 13:27:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 446      | 0.40 | ng/ul | -0.05    |
| 2) Naphthalene-d8         | 10.42 | 136  | 1782     | 0.40 | ng/ul | -0.05    |
| 6) Acenaphthene-d10       | 14.30 | 164  | 3174     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 13688    | 0.40 | ng/ul | -0.07    |
| 16) Chrysene-d12          | 21.17 | 240  | 794      | 0.40 | ng/ul | -0.09    |
| 20) Perylene-d12          | 23.36 | 264  | 117505   | 0.40 | ng/ul | -0.14    |

|                             |       |     |       |      |       |       |
|-----------------------------|-------|-----|-------|------|-------|-------|
| System Monitoring Compounds |       |     |       |      |       |       |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152 | 1550  | 0.57 | ng/ul | -0.05 |
| 14) Fluoranthene-d10        | 19.07 | 212 | 58965 | 1.56 | ng/ul | -0.02 |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.46 | 128  | 23459    | 4.68  | ng/ul  | 96     |
| 5) 2-Methylnaphthalene     | 12.08 | 142  | 59744    | 17.70 | ng/ul  | 100    |
| 7) Acenaphthylene          | 14.01 | 152  | 15913    | 1.11  | ng/ul# | 1      |
| 8) Acenaphthene            | 14.35 | 153  | 35862    | 3.32  | ng/ul  | 90     |
| 9) Fluorene                | 15.36 | 166  | 70572    | 5.73  | ng/ul  | 97     |
| 11) Pentachlorophenol      | 16.73 | 266  | 103      | 0.02  | ng/ul# | 29     |
| 12) Phenanthrene           | 17.09 | 178  | 190071   | 4.55  | ng/ul# | 93     |
| 13) Anthracene             | 17.18 | 178  | 24021    | 0.59  | ng/ul# | 69     |
| 15) Fluoranthene           | 19.12 | 202  | 57041    | 1.11  | ng/ul  | 88     |
| 17) Pyrene                 | 19.48 | 202  | 108617   | 35.39 | ng/ul  | 94     |
| 18) Benzo(a)anthracene     | 21.16 | 228  | 2694     | 1.03  | ng/ul# | 1      |
| 19) Chrysene               | 21.16 | 228  | 2694     | 0.94  | ng/ul# | 1      |
| 21) Benzo(b)fluoranthene   | 22.83 | 252  | 12994    | 0.03  | ng/ul  | 77     |
| 22) Benzo(k)fluoranthene   | 22.83 | 252  | 19553    | 0.04  | ng/ul# | 75     |
| 23) Benzo(a)pyrene         | 23.31 | 252  | 12977    | 0.03  | ng/ul# | 66     |
| 25) Dibenzo(a,h)anthracene | 25.59 | 278  | 8216     | 0.02  | ng/ul# | 1      |

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

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