

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\  
 Data File : BF079308.D  
 Acq On : 16 May 2015 12:01  
 Operator : TP/IZ  
 Sample : G2266-02 2X  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2

Manual Integrations  
 APPROVED

apatel  
 5/18/2015 3:42:54 PM

Quant Time: May 18 01:59:36 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 18 00:56:30 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.18  | 152  | 72402    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.75  | 136  | 301795   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.92 | 164  | 141012   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.77 | 188  | 263240   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 16.06 | 240  | 274509   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 17.81 | 264  | 275682   | 20.00 | ng    | 0.05     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 172036m  | 40.90 | ng    | 0.01     |
| 7) Phenol-d6                | 6.75  | 99   | 222794   | 40.07 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.87  | 82   | 128566   | 24.48 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.91 | 330  | 62026    | 40.66 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.10 | 172  | 273532   | 27.03 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.77 | 244  | 285147   | 24.87 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 32) Benzoic acid            | 8.43  | 122  | 7828m    | 8.83  | ng    |          |
| 70) Phenanthrene            | 12.80 | 178  | 209287   | 14.21 | ng    | 99       |
| 71) Anthracene              | 12.86 | 178  | 60300    | 4.17  | ng    | 98       |
| 74) Fluoranthene            | 14.27 | 202  | 440766   | 28.72 | ng    | 97       |
| 77) Pyrene                  | 14.56 | 202  | 391416   | 24.74 | ng    | 98       |
| 80) Benzo(a)anthracene      | 16.05 | 228  | 213591   | 14.21 | ng    | 97       |
| 82) Chrysene                | 16.09 | 228  | 163686   | 11.32 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 19.20 | 276  | 116711   | 6.34  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 17.36 | 252  | 244439m  | 16.20 | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.38 | 252  | 89897m   | 6.15  | ng    |          |
| 89) Benzo(a)pyrene          | 17.74 | 252  | 178579   | 12.85 | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 19.62 | 276  | 114333   | 7.73  | ng    | 98       |

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

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