

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062219\  
 Data File : BM021093.D  
 Acq On : 22 Jun 2019 10:10  
 Operator : HP/JU  
 Sample : K3309-03DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 KY032MW006-190610DL

Manual Integrations  
 APPROVED

mohammad  
 6/26/2019 1:57:33 PM

Quant Time: Jun 27 08:46:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM062019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 20 15:39:58 2019

Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.77  | 152  | 317400   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.57 | 136  | 1338390  | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.42 | 164  | 866383   | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.16 | 188  | 1990868  | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12            | 21.34 | 240  | 1628274  | 20.00   | ng    | 0.00     |
| 87) Perylene-d12            | 23.62 | 264  | 1654213  | 20.00   | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 220466   | 12.58   | ng    | 0.00     |
| 7) Phenol-d6                | 6.95  | 99   | 213674   | 8.37    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 401593   | 15.64   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.91 | 330  | 374969   | 23.06   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.03 | 172  | 1162428  | 16.49   | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.79 | 244  | 1390527  | 15.95   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       |          |
| 2) 1,4-Dioxane              | 3.32  | 88   | 5839773  | 884.271 | ng    | 97       |
| 4) n-Nitrosodimethylamine   | 3.62  | 42   | 372683   | 50.966  | ng    | # 1      |
| 10) Phenol                  | 6.98  | 94   | 936246   | 35.902  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether | 7.21  | 93   | 1490021  | 72.168  | ng    | 98       |
| 13) 1,4-Dichlorobenzene     | 7.81  | 146  | 274755   | 10.340  | ng    | 99       |
| 14) 1,2-Dichlorobenzene     | 8.13  | 146  | 1305808  | 50.143  | ng    | 99       |
| 17) 2-Methylphenol          | 8.23  | 107  | 1291920  | 69.355  | ng    | 100      |
| 20) 3+4-Methylphenols       | 8.57  | 107  | 8627969  | 336.496 | ng    | 99       |
| 22) Acetophenone            | 8.61  | 105  | 115199   | 3.378   | ng    | # 84     |
| 27) 2,4-Dimethylphenol      | 9.79  | 122  | 3708702m | 204.135 | ng    |          |
| 31) Naphthalene             | 10.62 | 128  | 504294   | 7.120   | ng    | 99       |

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

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