

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE020419\  
 Data File : BE098713.D  
 Acq On : 4 Feb 2019 18:40  
 Operator : JU/SJ  
 Sample : K1308-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SB-17(34.2-34.8)MSD

Manual Integrations  
 APPROVED

apatel  
 2/5/2019 1:54:16 PM

Quant Time: Feb 04 23:58:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 24 14:44:44 2019  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 1108     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.602 | 136  | 4105     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.471 | 164  | 2574     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.227 | 188  | 5926     | 0.40 | ng    | # 0.00   |
| 27) Chrysene-d12              | 21.415 | 240  | 7673     | 0.40 | ng    | # 0.00   |
| 34) Perylene-d12              | 23.920 | 264  | 7456     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.408  | 112  | 1028     | 0.31 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.986  | 99   | 1567     | 0.33 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.978  | 82   | 1121     | 0.30 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.210 | 152  | 2085m    | 0.27 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 388      | 0.34 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.088 | 172  | 2968     | 0.27 | ng    | -0.01    |
| 25) Fluoranthene-d10          | 19.259 | 212  | 25225    | 0.30 | ng    | 0.00     |
| 29) Terphenyl-d14             | 19.856 | 244  | 4520     | 0.24 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.312  | 88   | 403      | 0.13 | ng    | # 44     |
| 3) n-Nitrosodimethylamine     | 3.646  | 42   | 916      | 0.36 | ng    | # 86     |
| 6) bis(2-Chloroethyl)ether    | 7.228  | 93   | 903      | 0.28 | ng    | 96       |
| 9) Naphthalene                | 10.654 | 128  | 13115    | 0.28 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.927 | 225  | 854      | 0.27 | ng    | 96       |
| 12) 2-Methylnaphthalene       | 12.282 | 142  | 2078     | 0.27 | ng    | 98       |
| 16) Acenaphthylene            | 14.198 | 152  | 3299     | 0.25 | ng    | 99       |
| 17) Acenaphthene              | 14.529 | 154  | 2031     | 0.26 | ng    | 99       |
| 18) Fluorene                  | 15.514 | 166  | 2782     | 0.26 | ng    | 99       |
| 20) 4-Bromophenyl-phenylether | 16.410 | 248  | 977      | 0.28 | ng    | 94       |
| 21) Hexachlorobenzene         | 16.531 | 284  | 1025     | 0.25 | ng    | # 91     |
| 22) Pentachlorophenol         | 16.892 | 266  | 577      | 0.55 | ng    | 95       |
| 23) Phenanthrene              | 17.267 | 178  | 4699     | 0.29 | ng    | 99       |
| 24) Anthracene                | 17.361 | 178  | 3701     | 0.29 | ng    | 100      |
| 26) Fluoranthene              | 19.288 | 202  | 6055     | 0.29 | ng    | 99       |
| 28) Pyrene                    | 19.649 | 202  | 6151     | 0.25 | ng    | 98       |
| 30) Benzo(a)anthracene        | 21.390 | 228  | 6546     | 0.28 | ng    | 97       |
| 31) Chrysene                  | 21.451 | 228  | 6401     | 0.26 | ng    | 99       |
| 32) Bis(2-ethylhexyl)phtha... | 21.318 | 149  | 16126    | 0.38 | ng    | 99       |
| 33) Indeno(1,2,3-cd)pyrene    | 26.573 | 276  | 7171     | 0.27 | ng    | 98       |
| 35) Benzo(b)fluoranthene      | 23.150 | 252  | 6580m    | 0.27 | ng    |          |
| 36) Benzo(k)fluoranthene      | 23.200 | 252  | 7446     | 0.29 | ng    | 98       |
| 37) Benzo(a)pyrene            | 23.806 | 252  | 6475     | 0.28 | ng    | 97       |
| 38) Dibenzo(a,h)anthracene    | 26.591 | 278  | 5902     | 0.28 | ng    | 98       |
| 39) Benzo(g,h,i)perylene      | 27.375 | 276  | 6171     | 0.26 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE020419\  
Data File : BE098713.D  
Acq On : 4 Feb 2019 18:40  
Operator : JU/SJ  
Sample : K1308-01MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SB-17(34.2-34.8)MSD

Manual Integrations  
APPROVED

apatel  
2/5/2019 1:54:16 PM

Quant Time: Feb 04 23:58:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 24 14:44:44 2019  
Response via : Initial Calibration

