

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\  
 Data File : BN004910.D  
 Acq On : 23 Mar 2019 06:12  
 Operator : JU/SJ  
 Sample : K2013-18  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-026-SW072-031819

Manual Integrations  
 APPROVED

Sohil  
 3/25/2019 8:56:58 AM

Quant Time: Mar 25 06:43:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 20 16:06:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 4079     | 0.40  | ng    | 0.00      |
| 7) Naphthalene-d8              | 10.48 | 136  | 17730    | 0.40  | ng    | -0.01     |
| 13) Acenaphthene-d10           | 14.33 | 164  | 9825     | 0.40  | ng    | -0.01     |
| 19) Phenanthrene-d10           | 17.08 | 188  | 23089    | 0.40  | ng    | -0.01     |
| 27) Chrysene-d12               | 21.28 | 240  | 24632    | 0.40  | ng    | -0.01     |
| 34) Perylene-d12               | 23.53 | 264  | 20765    | 0.40  | ng    | -0.02     |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 4) 2-Fluorophenol              | 5.28  | 112  | 4890     | 0.44  | ng    | 0.00      |
| 5) Phenol-d6                   | 6.86  | 99   | 6446     | 0.47  | ng    | -0.02     |
| 8) Nitrobenzene-d5             | 8.86  | 82   | 4806     | 0.41  | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10    | 12.07 | 152  | 10677    | 0.35  | ng    | -0.01     |
| 14) 2,4,6-Tribromophenol       | 15.84 | 330  | 2392     | 0.35  | ng    | -0.01     |
| 15) 2-Fluorobiphenyl           | 12.95 | 172  | 15658    | 0.39  | ng    | -0.01     |
| 25) Fluoranthene-d10           | 19.12 | 212  | 26143    | 0.34  | ng    | -0.01     |
| 29) Terphenyl-d14              | 19.72 | 244  | 19923    | 0.40  | ng    | 0.00      |
| Target Compounds               |       |      |          |       |       |           |
| 16) Acenaphthylene             | 14.05 | 152  | 2842     | 0.056 | ng    | Qvalue 98 |
| 23) Phenanthrene               | 17.12 | 178  | 29775    | 0.399 | ng    | 99        |
| 24) Anthracene                 | 17.22 | 178  | 2177     | 0.033 | ng    | # 90      |
| 26) Fluoranthene               | 19.15 | 202  | 62321    | 0.650 | ng    | 99        |
| 28) Pyrene                     | 19.51 | 202  | 49198    | 0.655 | ng    | 98        |
| 30) Benzo(a)anthracene         | 21.26 | 228  | 12884    | 0.159 | ng    | 92        |
| 31) Chrysene                   | 21.31 | 228  | 21682    | 0.255 | ng    | 94        |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 6235     | 0.193 | ng    | 99        |
| 33) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 7541     | 0.061 | ng    | 100       |
| 35) Benzo(b)fluoranthene       | 22.85 | 252  | 20653    | 0.275 | ng    | # 65      |
| 36) Benzo(k)fluoranthene       | 22.89 | 252  | 6939m    | 0.094 | ng    |           |
| 37) Benzo(a)pyrene             | 23.43 | 252  | 10311    | 0.150 | ng    | # 79      |
| 39) Benzo(a,h,i)perylene       | 26.50 | 276  | 7978     | 0.098 | ng    | # 85      |

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

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