

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121922\  
 Data File : BG056023.D  
 Acq On : 19 Dec 2022 21:33  
 Operator : CG/JU  
 Sample : N6026-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-29-SB01

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/20/2022  
 Supervised By : mohammad ahmed 12/20/2022

Quant Time: Dec 20 01:08:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 20 01:01:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.371  | 152  | 11884    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.203 | 136  | 43209    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.975 | 164  | 33850    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.713 | 188  | 84009    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 22.026 | 240  | 85345    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.527 | 264  | 106890   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.892  | 112  | 46480    | 91.723 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.501  | 99   | 59672    | 91.558 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.540  | 82   | 40382    | 65.310 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.450 | 330  | 53901    | 66.037 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.606 | 172  | 146465   | 60.684 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.286 | 244  | 268948   | 55.696 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene              | 17.754 | 178  | 66733    | 15.158 | ng    | 99       |
| 72) Anthracene                | 17.842 | 178  | 15077    | 3.462  | ng    | 98       |
| 75) Fluoranthene              | 19.746 | 202  | 159504   | 25.873 | ng    | 100      |
| 78) Pyrene                    | 20.104 | 202  | 166889   | 32.316 | ng    | 99       |
| 81) Benzo(a)anthracene        | 22.002 | 228  | 104376   | 17.380 | ng    | 98       |
| 83) Chrysene                  | 22.073 | 228  | 98061m   | 17.422 | ng    |          |
| 84) Bis(2-ethylhexyl)phtha... | 21.873 | 149  | 9232     | 4.246  | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.552 | 276  | 52487    | 6.106  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 24.411 | 252  | 127136   | 18.378 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.476 | 252  | 51269m   | 7.428  | ng    |          |
| 90) Benzo(a)pyrene            | 25.357 | 252  | 89371    | 15.284 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 30.827 | 276  | 49642m   | 7.137  | ng    |          |
| -----                         |        |      |          |        |       |          |

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

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