

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122320\  
 Data File : BM028257.D  
 Acq On : 23 Dec 2020 18:31  
 Operator : JU/CG  
 Sample : L5189-16DL 2X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 08DL

Manual Integrations  
 APPROVED

mohammad

Quant Time: Dec 24 01:55:25 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 23 12:17:02 2020  
 Response via : Initial Calibration

12/24/2020 10:43:44 AM

| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.198  | 152  | 128413   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.028 | 136  | 507093   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.827 | 164  | 269744   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.545 | 188  | 497695   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.662 | 240  | 458676   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12            | 24.027 | 264  | 481039   | 20.00     | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.699  | 112  | 366214   | 47.00     | ng    | 0.00     |
| 7) Phenol-d6                | 7.340  | 99   | 473177   | 42.52     | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.375  | 82   | 289718   | 28.35     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.298 | 330  | 141883   | 39.62     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.451 | 172  | 485606   | 23.40     | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.115 | 244  | 421984   | 16.69     | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       | Qvalue   |
| 10) Phenol                  | 7.363  | 94   | 32908    | 3.11      | ng    | 90       |
| 32) Benzoic acid            | 10.234 | 122  | 54       | Below Cal | #     | 15       |
| 49) Acenaphthylene          | 14.551 | 152  | 63450    | 2.32      | ng    | 99       |
| 50) Dimethylphthalate       | 14.269 | 163  | 68150    | 3.04      | ng    | 99       |
| 52) Acenaphthene            | 14.886 | 154  | 38680    | 2.08      | ng    | 98       |
| 58) Fluorene                | 15.863 | 166  | 52658    | 2.42      | ng    | 97       |
| 71) Phenanthrene            | 17.592 | 178  | 1083773  | 35.86     | ng    | 100      |
| 72) Anthracene              | 17.680 | 178  | 263941   | 9.03      | ng    | 99       |
| 73) Carbazole               | 17.939 | 167  | 110059   | 3.99      | ng    | 99       |
| 75) Fluoranthene            | 19.574 | 202  | 1775073  | 52.45     | ng    | 96       |
| 78) Pyrene                  | 19.933 | 202  | 1569479  | 47.26     | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.650 | 228  | 910414   | 29.14     | ng    | 99       |
| 83) Chrysene                | 21.703 | 228  | 790125m  | 26.12     | ng    |          |
| 87) Indeno(1,2,3-cd)pyrene  | 26.456 | 276  | 434750m  | 13.60     | ng    |          |
| 88) Benzo(b)fluoranthene    | 23.315 | 252  | 972718m  | 29.68     | ng    |          |
| 89) Benzo(k)fluoranthene    | 23.356 | 252  | 318458m  | 10.00     | ng    |          |
| 90) Benzo(a)pyrene          | 23.927 | 252  | 703785   | 23.93     | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene  | 26.462 | 278  | 121343   | 4.55      | ng    | # 88     |
| 92) Benzo(g,h,i)perylene    | 27.209 | 276  | 385770   | 15.13     | ng    | # 89     |
| -----                       |        |      |          |           |       |          |

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

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