

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM043021\  
 Data File : BM029733.D  
 Acq On : 30 Apr 2021 17:24  
 Operator : CG/JU  
 Sample : M2226-01 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OLD-GIBBONS-COMPOSITE-OF-8

Manual Integrations  
 APPROVED

mohammad  
 5/3/2021 10:49:32 AM

Quant Time: Apr 30 18:22:41 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM043021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 29 17:34:54 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.592  | 152  | 79763    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.369 | 136  | 282853   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.239 | 164  | 208352   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.980 | 188  | 472621   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.168 | 240  | 523218   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 23.344 | 264  | 560536   | 20.00 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.193  | 112  | 159927   | 41.80 | ng    | 0.00     |
| 7) Phenol-d6                | 6.775  | 99   | 216040   | 41.59 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.745  | 82   | 147118   | 30.05 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.733 | 330  | 101555   | 30.70 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.851 | 172  | 504330   | 31.39 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.615 | 244  | 835352   | 29.30 | ng    | -0.01    |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 71) Phenanthrene            | 17.027 | 178  | 292315   | 10.98 | ng    | 98       |
| 72) Anthracene              | 17.115 | 178  | 88802    | 3.36  | ng    | 98       |
| 75) Fluoranthene            | 19.045 | 202  | 435650   | 13.32 | ng    | 98       |
| 78) Pyrene                  | 19.403 | 202  | 443790   | 13.23 | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.150 | 228  | 223882   | 6.58  | ng    | 98       |
| 83) Chrysene                | 21.203 | 228  | 209249   | 6.19  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 22.691 | 252  | 248389m  | 6.70  | ng    |          |
| 89) Benzo(k)fluoranthene    | 22.733 | 252  | 94802m   | 2.64  | ng    |          |
| 90) Benzo(a)pyrene          | 23.250 | 252  | 191046   | 5.63  | ng    | 98       |
| 92) Benzo(g,h,i)perylene    | 26.179 | 276  | 128809   | 3.73  | ng    | 98       |
| -----                       |        |      |          |       |       |          |

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

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