

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
 Data File : BM030801.D  
 Acq On : 03 Jul 2021 08:00  
 Operator : CG/JU  
 Sample : M2869-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDx0

Manual Integrations  
 APPROVED

mohammad  
 7/6/2021 9:25:49 AM

Quant Time: Jul 05 01:01:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 05 01:01:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 104433   | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.551 | 136  | 406338   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.398 | 164  | 235225   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.139 | 188  | 455172   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.303 | 240  | 495073   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.550 | 264  | 571564   | 20.00 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96   | 3720m    | 1.44  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.722  | 84   | 16222m   | 2.34  | ng/ul  | 0.05     |
| 7) Phenol-d5                  | 6.934  | 99   | 55336    | 6.14  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.104  | 67   | 36448    | 6.44  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.298  | 132  | 48568    | 6.99  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.469  | 113  | 42887    | 6.12  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.928  | 128  | 20308    | 6.70  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.645  | 143  | 20736    | 6.15  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.181 | 165  | 39706    | 6.15  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.698 | 131  | 47645    | 5.29  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.810 | 166  | 116837   | 7.19  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.086 | 160  | 149966   | 7.11  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.621 | 143  | 8315m    | 2.70  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.392 | 176  | 104572   | 7.26  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.521 | 200  | 6028     | 2.02  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.233 | 188  | 157711   | 7.42  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.521 | 212  | 162183   | 6.25  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.409 | 264  | 160012   | 5.38  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 47) Dimethylphthalate         | 13.857 | 163  | 43534    | 2.74  | ng/ul  | 99       |
| 52) Acenaphthene              | 14.463 | 153  | 17813    | 1.26  | ng/ul  | 95       |
| 72) Phenanthrene              | 17.180 | 178  | 188878   | 7.73  | ng/ul  | 99       |
| 74) Anthracene                | 17.268 | 178  | 68168    | 2.73  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.192 | 202  | 312762   | 9.87  | ng/ul  | 96       |
| 82) Pyrene                    | 19.551 | 202  | 213612   | 6.42  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.292 | 228  | 167361   | 5.45  | ng/ul  | 96       |
| 87) Chrysene                  | 21.339 | 228  | 134005   | 4.47  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 22.880 | 252  | 186261   | 5.13  | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 22.915 | 252  | 52120m   | 1.49  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.450 | 252  | 88045    | 2.70  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.821 | 276  | 64758    | 1.58  | ng/ul  | 96       |
| -----                         |        |      |          |       |        |          |

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

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