

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\  
 Data File : BM012433.D  
 Acq On : 25 Oct 2017 00:50  
 Operator : SJ/JU  
 Sample : I5882-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 S1(1-3)

Manual Integrations  
 APPROVED

Sohil  
 10/25/2017 3:35:56 PM

Quant Time: Oct 25 11:34:10 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 25 00:51:00 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response  | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|-----------|----------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.88  | 152  | 634954    | 20.00    | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.67 | 136  | 2797112   | 20.00    | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.51 | 164  | 1860462   | 20.00    | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.29 | 188  | 4579513   | 20.00    | ng/ul  | 0.04     |
| 75) Chrysene-d12               | 21.42 | 240  | 4805277   | 20.00    | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.72 | 264  | 4228880   | 20.00    | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |           |          |        |          |
| 3) 1,4-Dioxane-d8              | 3.36  | 96   | 86821     | 6.98     | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.07  | 99   | 164220    | 3.10     | ng/ul  | 0.04     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67   | 262830    | 8.35     | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.42  | 132  | 304723    | 7.67     | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.59  | 113  | 260419    | 5.74     | ng/ul  | 0.01     |
| 19) Nitrobenzene-d5            | 9.03  | 128  | 180109    | 10.28    | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.75  | 143  | 194545    | 10.78    | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165  | 399053    | 8.35     | ng/ul  | 0.01     |
| 29) 4-Chloroaniline-d4         | 10.79 | 131  | 68753     | 1.36     | ng/ul  | -0.01    |
| 43) Dimethylphthalate-d6       | 13.93 | 166  | 1368248   | 8.42     | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.20 | 160  | 1666409   | 8.67     | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.73 | 143  | 114791    | 4.75     | ng/ul  | 0.03     |
| 57) Fluorene-d10               | 15.50 | 176  | 1181865   | 8.59     | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.64 | 200  | 291459    | 13.15    | ng/ul  | 0.03     |
| 70) Anthracene-d10             | 17.38 | 188  | 1914754   | 8.77     | ng/ul  | 0.04     |
| 76) Pyrene-d10                 | 19.63 | 212  | 2059446   | 9.34     | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264  | 1747041   | 8.70     | ng/ul  | 0.00     |
| Target Compounds               |       |      |           |          |        |          |
| 6) Phenol                      | 7.10  | 94   | 82616     | 1.496    | ng/ul# | 74       |
| 21) Isophorone                 | 9.60  | 82   | 1786642   | 16.730   | ng/ul  | 97       |
| 27) 2,4-Dichlorophenol         | 10.33 | 162  | 77954     | 1.671    | ng/ul# | 79       |
| 28) Naphthalene                | 10.72 | 128  | 799708    | 5.766    | ng/ul  | 100      |
| 34) 2-Methylnaphthalene        | 12.33 | 142  | 535292    | 4.753    | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.95 | 196  | 190908    | 4.839    | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 13.02 | 196  | 152210    | 3.640    | ng/ul  | 97       |
| 44) Dimethylphthalate          | 13.97 | 163  | 788633    | 4.905    | ng/ul  | 99       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.15 | 232  | 24469606m | 632.240  | ng/ul  |          |
| 68) Pentachlorophenol          | 16.92 | 266  | 84338333m | 2541.179 | ng/ul  |          |
| 69) Phenanthrene               | 17.33 | 178  | 529251    | 2.137    | ng/ul# | 92       |
| 72) Carbazole                  | 17.66 | 167  | 369107    | 1.741    | ng/ul# | 91       |
| 74) Fluoranthene               | 19.30 | 202  | 536836m   | 1.913    | ng/ul  |          |
| 77) Pyrene                     | 19.66 | 202  | 470584    | 1.722    | ng/ul# | 89       |

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

