

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022052.D
 Acq On : 23 May 2016 18:37
 Operator : UM/SJ
 Sample : H3124-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ3

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:37:14 PM

Quant Time: May 24 08:07:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	216940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	114079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	215396	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	195962	20.00	ng/ul	0.00
83) Perylene-d12	25.16	264	183090	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3646	4.49	ng/uL	0.00
5) Phenol-d5	7.31	99	84986	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	44717	22.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	75633	23.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	73487	22.64	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	37862	23.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	40918	23.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	71293	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	79584	23.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	213581	24.93	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	293584	24.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	24046	16.30	ng/ul	0.00
57) Fluorene-d10	15.78	176	189330	23.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	19139	17.00	ng/ul	0.00
70) Anthracene-d10	17.63	188	266571	25.78	ng/ul	0.00
76) Pyrene-d10	19.91	212	278600	25.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.93	264	237421	27.95	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	11.03	128	26228	2.38 ng/ul	98
34) 2-Methylnaphthalene	12.63	142	21144	2.69 ng/ul	100
40) 1,1'-Biphenyl	13.62	154	9495	1.01 ng/ul#	94
44) Dimethylphthalate	14.22	163	83923	9.75 ng/ul	99
47) Acenaphthylene	14.51	152	34890	2.86 ng/ul	98
49) Acenaphthene	14.85	153	24063	2.86 ng/ul	95
53) Dibenzofuran	15.18	168	18770m	1.80 ng/ul	
58) Fluorene	15.83	166	83181	9.46 ng/ul	99
69) Phenanthrene	17.58	178	910304	75.98 ng/ul	97
71) Anthracene	17.67	178	184044	15.17 ng/ul	99
72) Carbazole	17.94	167	11019	1.05 ng/ul#	84
74) Fluoranthene	19.58	202	975436	79.67 ng/ul	98
77) Pyrene	19.94	202	1155545m	83.80 ng/ul	
80) Benzo(a)anthracene	21.80	228	382799	33.31 ng/ul	95
82) Chrysene	21.87	228	362457	32.88 ng/ul	95
85) Benzo(b)fluoranthene	24.10	252	354978	33.13 ng/ul#	95
86) Benzo(k)fluoranthene	24.15	252	94587m	9.07 ng/ul	
88) Benzo(a)pyrene	25.00	252	313672	30.34 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.98	276	148720	12.55 ng/ul	97
90) Dibenzo(a,h)anthracene	29.04	278	38319m	3.86 ng/ul	
91) Benzo(g,h,i)perylene	30.18	276	119877	12.63 ng/ul	96

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

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