

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:04:02 PM

Quant Time: May 16 14:20:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	316721	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	184075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	376088	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	401734	20.00	ng/ul	0.02
84) Perylene-d12	25.18	264	397688m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3888	3.09	ng/uL	0.00
5) Phenol-d5	7.31	99	97128	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	48028	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	92468	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	60061	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	49904	23.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	54326	41.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	98596m	26.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	91632	22.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	314107	24.29	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	435133	23.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	31813m	14.35	ng/ul	0.00
58) Fluorene-d10	15.78	176	299920	22.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29759	28.57	ng/ul	0.01
71) Anthracene-d10	17.64	188	413449	22.58	ng/ul	0.01
77) Pyrene-d10	19.92	212	457210	24.31	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.95	264	417666	22.10	ng/ul	0.04

Target Compounds

					Qvalue	
6) Phenol	7.34	94	6343	1.33	ng/ul#	73
11) 2-Methylphenol	8.60	108	3913	1.04	ng/ul	86
16) 4-Methylphenol	8.93	108	13222m	3.18	ng/ul	
28) Naphthalene	11.03	128	1011071	63.66	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	302773	25.89	ng/ul	97
35) 1-Methylnaphthalene	12.84	142	189318	16.32	ng/ul#	97
41) 1,1'-Biphenyl	13.62	154	100336	7.00	ng/ul	94
45) Dimethylphthalate	14.24	163	157442	11.95	ng/ul	98
48) Acenaphthylene	14.52	152	24704	1.31	ng/ul#	85
50) Acenaphthene	14.85	153	713373	54.59	ng/ul	95
54) Dibenzofuran	15.19	168	748604m	42.72	ng/ul	
59) Fluorene	15.83	166	1065968	70.35	ng/ul	97
69) Pentachlorophenol	17.19	266	4584m	2.64	ng/ul	
70) Phenanthrene	17.60	178	4717527	229.44	ng/ul#	30
72) Anthracene	17.68	178	1964826	94.08	ng/ul#	87
73) Carbazole	17.94	167	1423518	78.61	ng/ul	95
75) Fluoranthene	19.60	202	4634547	198.39	ng/ul#	49
78) Pyrene	19.96	202	4186707m	180.13	ng/ul	
81) Benzo(a)anthracene	21.82	228	3128303	139.93	ng/ul#	77
82) Bis(2-ethylhexyl)phthalate	21.69	149	14361	1.71	ng/ul#	79
83) Chrysene	21.89	228	2662945	120.42	ng/ul#	76
86) Benzo(b)fluoranthene	24.14	252	3748215m	164.66	ng/ul	
87) Benzo(k)fluoranthene	24.18	252	1247160m	51.18	ng/ul	

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89) Benzo(a)pyrene	25.04	252	2593376m	114.44	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.04	276	1814755m	67.57	ng/ul	
91) Dibenzo(a,h)anthracene	29.08	278	499492m	22.35	ng/ul	
92) Benzo(g,h,i)perylene	30.25	276	1654399m	74.64	ng/ul	

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

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