

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021890.D
 Acq On : 15 May 2016 12:54
 Operator : UM/SJ
 Sample : H3096-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7MS

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:46 PM

Quant Time: May 16 13:55:56 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	47346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	251165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	155214	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	326501	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	322096	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	321893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3346	3.41	ng/uL	0.00
5) Phenol-d5	7.31	99	76588	21.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	37570	21.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	72165	26.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	62186	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	38383	23.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	40303	38.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	79651	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	75087m	23.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	277977	25.50	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	368838	23.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	30857m	16.51	ng/ul	0.00
58) Fluorene-d10	15.77	176	248470	21.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	29173	32.26	ng/ul	0.00
71) Anthracene-d10	17.63	188	353579	22.25	ng/ul	0.00
77) Pyrene-d10	19.91	212	378254	25.09	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	345375	22.58	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.34	94	78517	21.01	ng/ul#	71
10) 2-Chlorophenol	7.73	128	71614	26.05	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.97	70	51446	23.42	ng/ul#	73
28) Naphthalene	11.03	128	40266	3.20	ng/ul	98
33) 4-Chloro-3-methylphenol	12.24	107	79730	26.25	ng/ul#	67
34) 2-Methylnaphthalene	12.63	142	15128	1.63	ng/ul	96
35) 1-Methylnaphthalene	12.84	142	13142	1.43	ng/ul#	87
45) Dimethylphthalate	14.23	163	69008	6.21	ng/ul	97
50) Acenaphthene	14.85	153	280796	25.48	ng/ul	99
53) 4-Nitrophenol	14.99	109	12437	14.60	ng/ul#	45
54) Dibenzofuran	15.19	168	32254	2.18	ng/ul	89
55) 2,4-Dinitrotoluene	15.14	165	75756	24.97	ng/ul#	55
59) Fluorene	15.83	166	26961	2.11	ng/ul#	97
69) Pentachlorophenol	17.18	266	53563	35.59	ng/ul	95
70) Phenanthrene	17.57	178	461015	25.83	ng/ul	96
72) Anthracene	17.66	178	113336	6.25	ng/ul	97
73) Carbazole	17.94	167	93596m	5.95	ng/ul	
75) Fluoranthene	19.58	202	538021	26.53	ng/ul	96
78) Pyrene	19.93	202	887917m	47.65	ng/ul	
79) Butylbenzylphthalate	20.80	149	20252	4.92	ng/ul#	79
81) Benzo(a)anthracene	21.79	228	206674	11.53	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	356478	53.01	ng/ul	97
83) Chrysene	21.86	228	190417	10.74	ng/ul	97

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86) Benzo(b)fluoranthene	24.09	252	262733	14.26	ng/ul#	97
87) Benzo(k)fluoranthene	24.15	252	83347m	4.23	ng/ul	
89) Benzo(a)pyrene	24.98	252	171640	9.36	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.95	276	119497	5.50	ng/ul#	90
91) Dibenzo(a,h)anthracene	29.01	278	31375m	1.73	ng/ul	
92) Benzo(g,h,i)perylene	30.13	276	104962	5.85	ng/ul#	96

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

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