

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:53 PM

Quant Time: May 16 02:11:20 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	50035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	284556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	181987	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	393598	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	405266	20.00	ng/ul	0.01
84) Perylene-d12	25.17	264	409605m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2926	2.82	ng/uL	0.00
5) Phenol-d5	7.31	99	69166	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	33613	18.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	67177	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	49958	16.02	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	36657	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	39012	33.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	75710m	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	75008m	20.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	269017	21.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	355419	19.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	28428m	12.97	ng/ul	0.00
58) Fluorene-d10	15.78	176	248259	18.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	30502	27.98	ng/ul	0.00
71) Anthracene-d10	17.63	188	367172	19.16	ng/ul	0.00
77) Pyrene-d10	19.91	212	387953	20.45	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	368248	18.92	ng/ul	0.02

Target Compounds

					Qvalue	
28) Naphthalene	11.03	128	477026	33.43	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	78284	7.45	ng/ul	98
35) 1-Methylnaphthalene	12.84	142	46263	4.44	ng/ul#	99
41) 1,1'-Biphenyl	13.63	154	24469	1.73	ng/ul	92
45) Dimethylphthalate	14.23	163	124749	9.58	ng/ul	99
50) Acenaphthene	14.85	153	379059	29.34	ng/ul	98
54) Dibenzofuran	15.18	168	198233m	11.44	ng/ul	
59) Fluorene	15.84	166	254957	17.02	ng/ul	99
69) Pentachlorophenol	17.19	266	5948m	3.28	ng/ul	
70) Phenanthrene	17.58	178	2561452m	119.03	ng/ul	
72) Anthracene	17.67	178	704106	32.21	ng/ul	98
73) Carbazole	17.93	167	550854	29.07	ng/ul#	96
75) Fluoranthene	19.58	202	3140158	128.44	ng/ul#	73
78) Pyrene	19.95	202	2852892	121.68	ng/ul#	75
81) Benzo(a)anthracene	21.80	228	2017914	89.47	ng/ul#	87
82) Bis(2-ethylhexyl)phthalate	21.69	149	18593	2.20	ng/ul#	97
83) Chrysene	21.88	228	1880005	84.27	ng/ul#	86
86) Benzo(b)fluoranthene	24.12	252	2926796m	124.83	ng/ul	
87) Benzo(k)fluoranthene	24.17	252	1089414m	43.40	ng/ul	
89) Benzo(a)pyrene	25.02	252	2143750m	91.85	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.03	276	1694839m	61.27	ng/ul	
91) Dibenzo(a,h)anthracene	29.05	278	422695m	18.36	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	1552543m	68.01	ng/ul	

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

