

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021503.D
 Acq On : 25 Mar 2016 3:00
 Operator : UM/SJ
 Sample : H1909-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T41

Quant Time: Mar 25 04:22:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.87	136	1066	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	1713	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	2144	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	2249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	773	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	18590	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12316	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15277	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	16280	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	8558	1070.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	8756	957.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	16968	1038.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	20321	951.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	61823	1062.20	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	75123	1047.11	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	6290	676.12	ng/ul	0.02
58) Fluorene-d10	15.67	176	54759	1043.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8594	759.40	ng/ul	0.00
71) Anthracene-d10	17.51	188	86511	1030.58	ng/ul	0.00
79) Pyrene-d10	19.79	212	98500	985.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	103412	996.27	ng/ul	0.00

Target Compounds

					Ovalue	
21) Isophorone	9.95	82	975	22.39	ng/ul#	69
28) Naphthalene	10.92	128	1633	28.89	ng/ul#	69
34) 2-Methylnaphthalene	12.52	142	164	3.91	ng/ul#	69
35) 1-Methylnaphthalene	12.73	142	134	3.29	ng/ul#	87
45) Dimethylphthalate	14.13	163	15576	257.55	ng/ul	98
48) Acenaphthylene	14.40	152	1820	25.60	ng/ul	99
50) Acenaphthene	14.74	153	491	10.01	ng/ul#	67
54) Dibenzofuran	15.07	168	730	10.63	ng/ul	90
57) Diethylphthalate	15.48	149	345	5.34	ng/ul#	59
59) Fluorene	15.72	166	1023	17.04	ng/ul#	65
70) Phenanthrene	17.46	178	25663	264.54	ng/ul	97
72) Anthracene	17.46	178	25663	259.99	ng/ul	99
75) Carbazole	17.83	167	1511	17.69	ng/ul#	93
76) Di-n-butylphthalate	18.36	149	817	7.41	ng/ul#	77
77) Fluoranthene	19.46	202	78423	669.87	ng/ul#	95
80) Pyrene	19.82	202	65520	512.89	ng/ul#	94
81) Butylbenzylphthalate	20.69	149	902	16.72	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.72	252	343	7.71	ng/ul#	85
83) Benzo(a)anthracene	21.65	228	37578	290.35	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	2038	25.83	ng/ul#	93
85) Chrysene	21.71	228	40104	327.19	ng/ul	95
87) Di-n-octyl phthalate	22.73	149	181	1.19	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	50395	348.84	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.87	252	50395	355.13	ng/ul	99
91) Benzo(a)pyrene	24.73	252	36138	257.68	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.53	276	23582	147.96	ng/ul	95
93) Dibenzo(a,h)anthracene	28.56	278	4017	29.63	ng/ul#	84
94) Benzo(g,h,i)perylene	29.67	276	19592	149.48	ng/ul	93

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

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