

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017799.D
 Acq On : 7 Jul 2015 18:50
 Operator : TP/UM
 Sample : G2860-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J2

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:31:37 AM

Quant Time: Jul 08 05:25:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 04:54:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	65580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	334486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	207639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	396422	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	464399	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	461414	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4303	2.59	ng/uL	0.00
5) Phenol-d5	6.78	99	93869	16.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	52797	15.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	76844	16.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	77712	17.16	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	40564	16.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	42146	16.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	73735	15.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	60803	9.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	201310	14.65	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	267195	14.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	34563	12.54	ng/ul	0.00
57) Fluorene-d10	15.26	176	197229	14.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6901	3.75	ng/ul	0.00
70) Anthracene-d10	17.11	188	270894	14.99	ng/ul	0.00
78) Pyrene-d10	19.42	212	302665	13.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	283564	13.96	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	6.81	94	11791	1.98	ng/ul	94
14) Acetophenone	8.42	105	86639	12.98	ng/ul	97
28) Naphthalene	10.44	128	31920	1.84	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	24631	2.01	ng/ul	86
40) 1,1'-Biphenyl	13.08	154	21678	1.41	ng/ul	96
44) Dimethylphthalate	13.72	163	96771	6.34	ng/ul	98
47) Acenaphthylene	13.98	152	78768	3.89	ng/ul	95
49) Acenaphthene	14.32	153	210947	15.46	ng/ul	99
53) Dibenzofuran	14.66	168	222100	12.08	ng/ul	95
58) Fluorene	15.32	166	370890	22.70	ng/ul	94
69) Phenanthrene	17.07	178	2981877	137.63	ng/ul#	77
71) Anthracene	17.15	178	1321469	59.30	ng/ul	96
74) Carbazole	17.42	167	143070	7.71	ng/ul	95
76) Fluoranthene	19.10	202	3928722	188.20	ng/ul#	67
79) Pyrene	19.46	202	3765054	132.85	ng/ul#	71
82) Benzo(a)anthracene	21.21	228	2530563	98.89	ng/ul#	75
84) Chrysene	21.26	228	2315200	95.53	ng/ul#	81
87) Benzo(b)fluoranthene	22.79	252	2885042	109.39	ng/ul#	86
88) Benzo(k)fluoranthene	22.83	252	1137991m	45.78	ng/ul	
90) Benzo(a)pyrene	23.37	252	2164868	86.37	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	25.73	276	1163690	42.52	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	350456	15.16	ng/ul#	69
93) Benzo(g,h,i)perylene	26.43	276	620993	27.13	ng/ul	94

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

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