

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017798.D
 Acq On : 7 Jul 2015 18:15
 Operator : TP/UM
 Sample : G2860-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93K5

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:31:30 AM

Quant Time: Jul 08 05:12:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 04:54:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	48781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	224465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	134955	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	250042	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	324678	20.00	ng/ul	0.01
85) Perylene-d12	23.47	264	318616	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3626	2.94	ng/uL	0.00
5) Phenol-d5	6.78	99	91992	22.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	50378	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	73611	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	74623	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	36865	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	39289	23.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	68685	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	45748	10.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	197239	22.08	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	276641	22.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29380	16.40	ng/ul	0.00
57) Fluorene-d10	15.26	176	195025	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12455	10.74	ng/ul	0.00
70) Anthracene-d10	17.11	188	274761	24.11	ng/ul	0.00
78) Pyrene-d10	19.42	212	311419	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	342540	24.42	ng/ul	0.03

Target Compounds

						Qvalue
14) Acetophenone	8.42	105	14776	2.98	ng/ul#	84
28) Naphthalene	10.43	128	259196	22.32	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	139097	16.88	ng/ul	91
40) 1,1'-Biphenyl	13.09	154	40423	4.04	ng/ul#	93
44) Dimethylphthalate	13.72	163	76720	7.73	ng/ul	98
47) Acenaphthylene	13.98	152	266221	20.23	ng/ul	99
49) Acenaphthene	14.32	153	69771	7.87	ng/ul	94
53) Dibenzofuran	14.66	168	87381	7.31	ng/ul	95
58) Fluorene	15.32	166	274911	25.89	ng/ul#	98
69) Phenanthrene	17.06	178	2476616	181.22	ng/ul#	85
71) Anthracene	17.15	178	500194	35.59	ng/ul	99
74) Carbazole	17.42	167	37744	3.22	ng/ul#	55
76) Fluoranthene	19.09	202	2652782	201.47	ng/ul#	88
79) Pyrene	19.46	202	3768319	190.19	ng/ul#	63
82) Benzo(a)anthracene	21.21	228	1951124	109.06	ng/ul#	75
84) Chrysene	21.26	228	1988139	117.33	ng/ul#	84
87) Benzo(b)fluoranthene	22.80	252	2337035	128.33	ng/ul#	87
88) Benzo(k)fluoranthene	22.84	252	616565m	35.92	ng/ul	
90) Benzo(a)pyrene	23.38	252	2126537	122.87	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	25.75	276	1069065	56.57	ng/ul	96
92) Dibenzo(a,h)anthracene	25.75	278	265348	16.63	ng/ul#	77
93) Benzo(g,h,i)perylene	26.45	276	1172843	74.20	ng/ul	96

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

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