

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017800.D
 Acq On : 7 Jul 2015 19:26
 Operator : TP/UM
 Sample : G2860-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 G93K1

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:31:46 AM

Quant Time: Jul 08 17:16:52 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	76186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	366850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	220892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	426313	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	454919	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	468951	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4033	2.09	ng/uL	0.00
5) Phenol-d5	6.78	99	107536	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55797	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	88822	16.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	85069	16.17	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	45769	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	50029	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	86082	16.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	61793	8.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	233561	15.97	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	326852	16.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	40817	13.92	ng/ul	0.00
57) Fluorene-d10	15.26	176	230596	15.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	13966	7.06	ng/ul	0.00
70) Anthracene-d10	17.11	188	310314	15.97	ng/ul	0.00
78) Pyrene-d10	19.42	212	326833	15.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	324321	15.71	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.44	128	162628	8.57	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	80786	6.00	ng/ul	89
40) 1,1'-Biphenyl	13.09	154	31023	1.90	ng/ul#	95
44) Dimethylphthalate	13.72	163	73666	4.54	ng/ul	97
47) Acenaphthylene	13.99	152	58559	2.72	ng/ul	96
49) Acenaphthene	14.32	153	197519	13.61	ng/ul	96
53) Dibenzofuran	14.66	168	196021	10.02	ng/ul	98
58) Fluorene	15.31	166	258987	14.90	ng/ul	97
69) Phenanthrene	17.07	178	2309046	99.10	ng/ul#	89
71) Anthracene	17.15	178	717747	29.95	ng/ul	98
74) Carbazole	17.42	167	125185	6.27	ng/ul	98
76) Fluoranthene	19.09	202	2606795m	116.12	ng/ul	
79) Pyrene	19.46	202	2525808	90.98	ng/ul#	88
82) Benzo(a)anthracene	21.20	228	1264985	50.46	ng/ul#	91
84) Chrysene	21.25	228	1222719	51.50	ng/ul#	95
87) Benzo(b)fluoranthene	22.79	252	1476086	55.07	ng/ul#	92
88) Benzo(k)fluoranthene	22.82	252	560734m	22.20	ng/ul	
90) Benzo(a)pyrene	23.36	252	1203130	47.23	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	654899	23.55	ng/ul	94
92) Dibenzo(a,h)anthracene	25.73	278	161183	6.86	ng/ul#	87
93) Benzo(g,h,i)perylene	26.42	276	679160	29.19	ng/ul	95

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

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