

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
 Data File : BG020251.D
 Acq On : 17 Dec 2015 18:33
 Operator : UM/SJ
 Sample : G4767-15DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N37DL

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:20:15 PM

Quant Time: Dec 18 10:23:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 02:40:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	90413	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	66199	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	143393	20.00	ng/ul	0.01
78) Chrysene-d12	21.76	240	177361	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	173522	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	3243	1.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	2261	2.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	2535	1.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	3039	1.96	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	1575	2.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1726	2.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	3281	2.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	2935	1.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	12441	2.32	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	12099	1.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2110	2.20	ng/ul	0.00
58) Fluorene-d10	15.72	176	10106	2.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	866	1.02	ng/ul	0.03
71) Anthracene-d10	17.59	188	13433	2.03	ng/ul	0.02
79) Pyrene-d10	19.86	212	16902	2.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	16810	1.94	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.99	128	3095026	655.51	ng/ul#	82
34) 2-Methylnaphthalene	12.57	142	1144382	317.31	ng/ul	97
35) 1-Methylnaphthalene	12.79	142	570394	164.51	ng/ul#	96
41) 1,1'-Biphenyl	13.57	154	498593	99.83	ng/ul	99
48) Acenaphthylene	14.45	152	192232	29.04	ng/ul#	96
50) Acenaphthene	14.81	153	1843845	414.05	ng/ul	92
54) Dibenzofuran	15.14	168	1841847m	278.04	ng/ul	
59) Fluorene	15.79	166	1737923	326.70	ng/ul#	98
70) Phenanthrene	17.56	178	4983429m	635.37	ng/ul	
72) Anthracene	17.62	178	622661	78.27	ng/ul	97
75) Carbazole	17.88	167	399280	59.73	ng/ul	98
77) Fluoranthene	19.55	202	3444422	375.76	ng/ul#	75
80) Pyrene	19.91	202	2759672	257.08	ng/ul#	86
83) Benzo(a)anthracene	21.74	228	875594	84.61	ng/ul	96
85) Chrysene	21.80	228	747412m	76.68	ng/ul	
88) Benzo(b)fluoranthene	23.99	252	435726	41.72	ng/ul	97
89) Benzo(k)fluoranthene	24.05	252	129663	12.94	ng/ul	99
91) Benzo(a)pyrene	24.87	252	252169	25.47	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.74	276	80093	6.79	ng/ul	98
93) Dibenzo(a,h)anthracene	28.80	278	25069	2.56	ng/ul	93
94) Benzo(a,h,i)perylene	29.92	276	60856	6.30	ng/ul	100

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

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