

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
 Data File : BG020252.D
 Acq On : 17 Dec 2015 19:12
 Operator : UM/SJ
 Sample : G4787-17DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BN9DL

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:20:16 PM

Quant Time: Dec 18 03:30:55 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	8.09	152	18727	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	78207	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	54969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	130641	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	167590	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	165492	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	2660	1.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	2457	2.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	2270	1.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2260	1.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1976m	3.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1214	1.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	2633	1.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	5940m	3.85	ng/ul	-0.02
44) Dimethylphthalate-d6	14.13	166	10484	2.36	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	12278	2.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	1759m	2.21	ng/ul	0.01
58) Fluorene-d10	15.71	176	9738	2.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.57	188	14875m	2.47	ng/ul	0.00
79) Pyrene-d10	19.85	212	17740	2.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	19737	2.39	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.98	128	1727048	422.87	ng/ul#	92
34) 2-Methylnaphthalene	12.57	142	858710	275.26	ng/ul	98
35) 1-Methylnaphthalene	12.79	142	488737	162.96	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	79382	19.14	ng/ul	96
45) Dimethylphthalate	14.17	163	6969	1.53	ng/ul#	94
48) Acenaphthylene	14.45	152	27261	4.96	ng/ul#	72
50) Acenaphthene	14.80	153	295930	80.03	ng/ul	98
54) Dibenzofuran	15.12	168	39892	7.25	ng/ul	92
59) Fluorene	15.77	166	178060	40.31	ng/ul	99
70) Phenanthrene	17.52	178	845260	118.29	ng/ul	98
72) Anthracene	17.61	178	220698	30.45	ng/ul	98
75) Carbazole	17.88	167	9238	1.52	ng/ul#	70
77) Fluoranthene	19.52	202	326072	39.04	ng/ul	98
80) Pyrene	19.89	202	497256	49.02	ng/ul	99
83) Benzo(a)anthracene	21.73	228	195170m	19.96	ng/ul	
85) Chrysene	21.79	228	160991	17.48	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	100279	10.07	ng/ul	94
89) Benzo(k)fluoranthene	24.03	252	35167m	3.68	ng/ul	
91) Benzo(a)pyrene	24.86	252	109701	11.62	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.75	276	43571	3.87	ng/ul#	91
93) Dibenzo(a,h)anthracene	28.80	278	17108m	1.83	ng/ul	
94) Benzo(a,h,i)perylene	29.90	276	39690m	4.31	ng/ul	

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

