

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
 Data File : BG020242.D
 Acq On : 17 Dec 2015 4:45
 Operator : UM/SJ
 Sample : G4767-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:33 PM

Quant Time: Dec 25 23:11:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	101913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	73463	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	179700	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	203479	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	194154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2036	5.27	ng/uL	0.00
5) Phenol-d5	7.24	99	56982	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34329	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	44795	32.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50415	31.33	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	24478	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	29225	33.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	53616	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	69665	34.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	178109	29.97	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	187802	27.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	29424	27.61	ng/ul	0.00
58) Fluorene-d10	15.72	176	140362	26.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	22435	21.06	ng/ul	0.00
71) Anthracene-d10	17.57	188	217238	26.24	ng/ul	0.00
79) Pyrene-d10	19.85	212	239414	25.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	250642	25.88	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.27	94	3624	1.80 ng/ul#	83
16) 4-Methylphenol	8.87	108	2766	1.63 ng/ul	92
24) 2,4-Dimethylphenol	10.06	107	3278m	1.52 ng/ul	
28) Naphthalene	10.98	128	1314960	247.08 ng/ul	95
34) 2-Methylnaphthalene	12.56	142	373114	91.78 ng/ul	99
41) 1,1'-Biphenyl	13.56	154	143359	25.87 ng/ul	95
45) Dimethylphthalate	14.17	163	82734	13.63 ng/ul	99
48) Acenaphthylene	14.45	152	49397	6.73 ng/ul#	95
50) Acenaphthene	14.79	153	622635	125.99 ng/ul	99
54) Dibenzofuran	15.12	168	642046	87.34 ng/ul	96
59) Fluorene	15.78	166	586149	99.29 ng/ul	98
70) Phenanthrene	17.53	178	2218676m	225.72 ng/ul	
72) Anthracene	17.60	178	210954	21.16 ng/ul	99
75) Carbazole	17.87	167	199429	23.81 ng/ul	99
77) Fluoranthene	19.52	202	1369754	119.24 ng/ul	99
80) Pyrene	19.88	202	956049	77.63 ng/ul	99
83) Benzo(a)anthracene	21.72	228	229574	19.34 ng/ul	99
85) Chrysene	21.79	228	189822	16.98 ng/ul	97
88) Benzo(b)fluoranthene	23.97	252	104762	8.96 ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	39167m	3.49 ng/ul	
91) Benzo(a)pyrene	24.85	252	61172	5.52 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	19421m	1.47 ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	14337m	1.33 ng/ul	

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

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