

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM

Quant Time: Dec 18 10:26:43 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	28181	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	114182	20.00	ng/ul	0.08
36) Acenaphthene-d10	14.78	164	116467m	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.57	188	135138m	20.00	ng/ul	0.10
78) Chrysene-d12	21.80	240	186764	20.00	ng/ul	0.06
86) Perylene-d12	25.07	264	177921	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1264	2.48	ng/uL	0.00
5) Phenol-d5	7.25	99	44468	17.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	28797	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	36022	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	38348	18.04	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	21504	24.16	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	21937	22.15	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.55	165	39519	19.70	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	62334	27.66	ng/ul	0.06
44) Dimethylphthalate-d6	14.17	166	104888	11.13	ng/ul	0.04
47) Acenaphthylene-d8	14.44	160	129810	11.84	ng/ul	0.02
52) 4-Nitrophenol-d4	14.97	143	20797	12.31	ng/ul	0.05
58) Fluorene-d10	15.74	176	101630m	11.89	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.57	188	135236m	21.72	ng/ul	0.00
79) Pyrene-d10	19.90	212	160871m	18.48	ng/ul	0.05
90) Benzo(a)pyrene-d12	24.84	264	162025	18.26	ng/ul	0.06

Target Compounds

						Qvalue
14) Acetophenone	8.93	105	9677	2.91	ng/ul	88
24) 2,4-Dimethylphenol	10.08	107	19922	8.26	ng/ul	94
28) Naphthalene	11.11	128	14578715	2444.95	ng/ul#	23
34) 2-Methylnaphthalene	12.64	142	7278963	1598.15	ng/ul	95
35) 1-Methylnaphthalene	12.85	142	4314618	985.36	ng/ul#	92
41) 1,1'-Biphenyl	13.60	154	3610568	410.91	ng/ul#	72
45) Dimethylphthalate	14.23	163	44461m	4.62	ng/ul	
48) Acenaphthylene	14.48	152	1728470	148.44	ng/ul#	86
50) Acenaphthene	14.90	153	10925843	1394.55	ng/ul#	77
54) Dibenzofuran	15.21	168	8430115	723.32	ng/ul#	39
59) Fluorene	15.88	166	8792588m	939.46	ng/ul	
70) Phenanthrene	17.64	178	18250748m	2469.04	ng/ul	
72) Anthracene	17.73	178	3191157m	425.64	ng/ul	
75) Carbazole	17.93	167	2895533	459.64	ng/ul#	75
77) Fluoranthene	19.62	202	12820121m	1484.00	ng/ul	
80) Pyrene	20.00	202	10505853m	929.42	ng/ul	
83) Benzo(a)anthracene	21.79	228	5339591	489.98	ng/ul#	54
85) Chrysene	21.88	228	4469646	435.49	ng/ul#	54
88) Benzo(b)fluoranthene	24.06	252	3746753	349.88	ng/ul#	88
89) Benzo(k)fluoranthene	24.11	252	1276047m	124.17	ng/ul	
91) Benzo(a)pyrene	24.95	252	2253471	221.99	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.81	276	762869	63.11	ng/ul	94
93) Dibenzo(a,h)anthracene	28.85	278	223077	22.23	ng/ul	95

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94) Benzo(g,h,i)perylene	29.99	276	576715	58.20	ng/ul	98

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

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