

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020245.D
 Acq On : 17 Dec 2015 6:43
 Operator : UM/SJ
 Sample : G4767-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N40

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:39 PM

Quant Time: Dec 17 07:55:10 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	22281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	102952	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	76943	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	158537	20.00	ng/ul	0.02
78) Chrysene-d12	21.75	240	190813	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	180559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1808	4.48	ng/uL	0.00
5) Phenol-d5	7.25	99	55959	28.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	33135	28.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	43756	30.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49538	29.48	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23381	29.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28006	31.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	53411	29.53	ng/ul	0.01
29) 4-Chloroaniline-d4	11.05	131	62855	30.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	168974	27.15	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	199950	27.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	28572	25.60	ng/ul	0.01
58) Fluorene-d10	15.72	176	147367	26.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	2328	2.48	ng/ul	0.04
71) Anthracene-d10	17.60	188	216763	29.67	ng/ul	0.04
79) Pyrene-d10	19.86	212	257641	28.97	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.80	264	281461	31.25	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	11.00	128	3693005	686.90	ng/ul#	75
34) 2-Methylnaphthalene	12.58	142	1557255	379.20	ng/ul	100
35) 1-Methylnaphthalene	12.79	142	827604	209.62	ng/ul#	96
41) 1,1'-Biphenyl	13.57	154	735122	126.64	ng/ul	100
45) Dimethylphthalate	14.18	163	69719	10.97	ng/ul	99
48) Acenaphthylene	14.45	152	263787	34.29	ng/ul	97
50) Acenaphthene	14.82	153	2599461	502.22	ng/ul#	88
54) Dibenzofuran	15.15	168	2615777	339.73	ng/ul#	75
59) Fluorene	15.80	166	2524737	408.33	ng/ul#	97
70) Phenanthrene	17.57	178	6607045	761.91	ng/ul#	41
72) Anthracene	17.63	178	1423326	161.83	ng/ul#	89
75) Carbazole	17.89	167	1056998	143.02	ng/ul	94
77) Fluoranthene	19.55	202	4298221m	424.11	ng/ul	
80) Pyrene	19.91	202	3418256	295.99	ng/ul#	76
83) Benzo(a)anthracene	21.73	228	1072240	96.30	ng/ul	93
85) Chrysene	21.80	228	940436m	89.69	ng/ul	
88) Benzo(b)fluoranthene	23.98	252	519159	47.77	ng/ul	96
89) Benzo(k)fluoranthene	24.04	252	174764m	16.76	ng/ul	
91) Benzo(a)pyrene	24.87	252	297234	28.85	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.74	276	82757	6.75	ng/ul	96
93) Dibenzo(a,h)anthracene	28.78	278	24203m	2.38	ng/ul	
94) Benzo(g,h,i)perylene	29.90	276	70460m	7.01	ng/ul	

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

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