

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121815\
 Data File : BG020264.D
 Acq On : 18 Dec 2015 3:21
 Operator : UM/SJ
 Sample : G4767-22RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N44RE

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:20:26 PM

Quant Time: Dec 29 08:23:27 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	25216	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	103097m	20.00	ng/ul	0.10
36) Acenaphthene-d10	14.80	164	126822m	20.00	ng/ul	0.07
62) Phenanthrene-d10	17.56	188	113238m	20.00	ng/ul	0.09
78) Chrysene-d12	21.83	240	201007m	20.00	ng/ul	0.09
86) Perylene-d12	25.09	264	186327m	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	926	2.03	ng/uL	0.00
5) Phenol-d5	7.25	99	33313	14.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	22470	16.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	27026	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	28378	14.92	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	17490m	21.76	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	16594	18.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.56	165	29940	16.53	ng/ul	0.03
29) 4-Chloroaniline-d4	11.14	131	64722	31.81	ng/ul	0.09
44) Dimethylphthalate-d6	14.19	166	82566	8.05	ng/ul	0.06
47) Acenaphthylene-d8	14.45	160	104147	8.73	ng/ul	0.02
52) 4-Nitrophenol-d4	14.99	143	20858	11.34	ng/ul	0.07
58) Fluorene-d10	15.75	176	90767m	9.76	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	16.06	200	5075	7.56	ng/ul	0.23
71) Anthracene-d10	17.75	188	86105	16.50	ng/ul	0.18
79) Pyrene-d10	19.91	212	141672m	15.12	ng/ul	0.06
90) Benzo(a)pyrene-d12	25.09	264	186327m	20.05	ng/ul	0.30

Target Compounds

						Qvalue
6) Phenol	7.27	94	8752	3.68	ng/ul	99
11) 2-Methylphenol	8.53	108	25434	14.00	ng/ul	97
14) Acetophenone	8.93	105	14410m	4.84	ng/ul	
16) 4-Methylphenol	8.86	108	37588	18.70	ng/ul	99
24) 2,4-Dimethylphenol	10.09	107	124456	57.16	ng/ul	97
28) Naphthalene	11.13	128	16975308	3152.97	ng/ul#	28
34) 2-Methylnaphthalene	12.66	142	8751387	2128.03	ng/ul	95
41) 1,1'-Biphenyl	13.61	154	4347643m	454.40	ng/ul	
45) Dimethylphthalate	14.24	163	48837m	4.66	ng/ul	
48) Acenaphthylene	14.49	152	2091209	164.93	ng/ul#	84
50) Acenaphthene	14.93	153	13158772m	1542.42	ng/ul	
54) Dibenzofuran	15.24	168	9984836m	786.76	ng/ul	
59) Fluorene	15.90	166	10504694m	1030.75	ng/ul	
70) Phenanthrene	17.63	178	21415664m	3457.52	ng/ul	
72) Anthracene	17.77	178	3279429m	522.01	ng/ul	
75) Carbazole	17.95	167	3542375m	671.07	ng/ul	
77) Fluoranthene	19.65	202	15188285m	2098.14	ng/ul	
80) Pyrene	20.02	202	12214950m	1004.05	ng/ul	
83) Benzo(a)anthracene	21.81	228	6549378m	558.41	ng/ul	
85) Chrysene	21.90	228	5394928m	488.40	ng/ul	
88) Benzo(b)fluoranthene	24.08	252	4950350m	441.42	ng/ul	
89) Benzo(k)fluoranthene	24.13	252	1581801m	146.98	ng/ul	
91) Benzo(a)pyrene	24.97	252	2986558m	280.94	ng/ul	

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92) Indeno(1,2,3-cd)pyrene	28.85	276	1080671m	85.36	ng/ul	
93) Dibenzo(a,h)anthracene	28.88	278	330774m	31.48	ng/ul	
94) Benzo(g,h,i)perylene	30.03	276	830158m	79.99	ng/ul	

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

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