

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020080.D
 Acq On : 10 Dec 2015 17:56
 Operator : UM/SJ
 Sample : G4683-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S31-15

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:02:28 PM

Quant Time: Dec 11 05:51:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23683	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	100826	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	63997	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	144286	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	180028	20.00	ng	-0.01
86) Perylene-d12	25.08	264	175984	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	164201	125.31	ng	-0.01
7) Phenol-d6	7.26	99	248058	125.38	ng	-0.01
23) Nitrobenzene-d5	9.28	82	170663	86.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	107234	109.51	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	310674	66.28	ng	-0.02
78) Terphenyl-d14	20.08	244	459814	62.30	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.29	94	4895	2.35	ng	83
31) Naphthalene	10.98	128	24835	4.60	ng	98
37) 2-Methylnaphthalene	12.57	142	11260	2.84	ng	91
48) Acenaphthylene	14.47	152	160993	23.35	ng	100
49) Dimethylphthalate	14.18	163	127901	22.22	ng	# 97
51) Acenaphthene	14.80	154	41314	9.87	ng	96
54) Dibenzofuran	15.14	168	45642	7.33	ng	# 88
57) Fluorene	15.78	166	87497	15.70	ng	97
70) Phenanthrene	17.53	178	1624726	199.02	ng	95
71) Anthracene	17.62	178	516374	62.10	ng	96
72) Carbazole	17.88	167	84529	11.54	ng	99
74) Fluoranthene	19.55	202	3375020	323.23	ng	77
77) Pvrene	19.92	202	3193171	301.49	ng	# 73
80) Benzo(a)anthracene	21.76	228	2651105	240.57	ng	# 80
82) Chrysene	21.83	228	2257892	215.79	ng	# 85
85) Indeno(1,2,3-cd)pyrene	28.90	276	1533526	133.05	ng	# 100
87) Benzo(b)fluoranthene	24.06	252	3032886	271.92	ng	# 95
88) Benzo(k)fluoranthene	24.11	252	1148542m	103.98	ng	
89) Benzo(a)pvrene	24.96	252	2317855m	218.89	ng	
90) Dibenzo(a,h)anthracene	28.92	278	449062	42.92	ng	# 89
91) Benzo(g,h,i)perylene	30.08	276	1359405	132.33	ng	# 90

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

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