

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
 Data File : BM003827.D
 Acq On : 28 Dec 2015 14:16
 Operator : UM/SJ
 Sample : G4836-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 LIBERTY-SF-003

Quant Time: Dec 29 12:51:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	229357	20.00	ng	0.00
7) Naphthalene-d8	10.46	136	959090	20.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	536145	20.00	ng	0.00
19) Phenanthrene-d10	17.06	188	949631	20.00	ng	0.00
26) Chrysene-d12	21.29	240	926409	20.00	ng	0.00
35) Perylene-d12	23.53	264	663898	20.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1085793	80.14	ng	0.02
5) Phenol-d6	6.87	99	1790111	107.89	ng	0.00
8) Nitrobenzene-d5	8.85	82	1113149	87.61	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	102053	24.35	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	2709934	66.09	ng	0.00
29) Terphenyl-d14	19.72	244	1905147	52.47	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.51	128	82257	1.50	ng	99
12) 2-Methylnaphthalene	12.13	142	34764	0.95	ng	# 88
16) Acenaphthylene	14.04	152	20435	0.34	ng	# 94
17) Acenaphthene	14.39	154	75236	2.05	ng	96
18) Fluorene	15.39	166	78436m	1.71	ng	
23) Phenanthrene	17.11	178	1107608	17.47	ng	98
24) Anthracene	17.19	178	236265m	4.21	ng	
25) Fluoranthene	19.14	202	1319853	17.37	ng	100
28) Pyrene	19.52	202	1214868	15.79	ng	# 92
30) Benzo(a)anthracene	21.27	228	630210m	9.07	ng	
32) Chrysene	21.31	228	420787m	6.30	ng	
33) Bis(2-ethylhexyl)phthalate	21.19	149	69426	2.09	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.78	276	197650	4.05	ng	94
36) Benzo(b)fluoranthene	22.85	252	514763m	9.49	ng	
37) Benzo(k)fluoranthene	22.89	252	170688m	3.41	ng	
38) Benzo(a)pyrene	23.42	252	353493	7.61	ng	# 95
39) Dibenzo(a,h)anthracene	25.79	278	49044	1.35	ng	# 83
40) Benzo(g,h,i)perylene	26.47	276	188174	4.94	ng	96

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

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