

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
 Data File : BM003826.D
 Acq On : 28 Dec 2015 13:40
 Operator : UM/SJ
 Sample : G4889-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 LIBERTY-SF-121815

Quant Time: Dec 29 12:49:27 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	289070	20.00	ng	0.00
7) Naphthalene-d8	10.46	136	1168556	20.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	611104	20.00	ng	0.00
19) Phenanthrene-d10	17.06	188	1012266	20.00	ng	0.00
26) Chrysene-d12	21.29	240	753949	20.00	ng	0.00
35) Perylene-d12	23.53	264	648116	20.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	2093115	122.58	ng	0.02
5) Phenol-d6	6.87	99	2629819	125.76	ng	0.00
8) Nitrobenzene-d5	8.85	82	1554994	100.45	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	588401	120.77	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	3484332	74.55	ng	0.00
29) Terphenyl-d14	19.72	244	1903620	64.48	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.51	128	148783	2.23	ng	99
12) 2-Methylnaphthalene	12.13	142	70290	1.58	ng	90
16) Acenaphthylene	14.04	152	37406	0.54	ng	# 93
17) Acenaphthene	14.39	154	77482	1.86	ng	95
18) Fluorene	15.39	166	93250m	1.78	ng	
23) Phenanthrene	17.11	178	1259499	18.43	ng	99
24) Anthracene	17.22	178	238777m	4.01	ng	
25) Fluoranthene	19.14	202	1252880	15.51	ng	100
28) Pyrene	19.52	202	1138392	18.21	ng	# 93
30) Benzo(a)anthracene	21.27	228	510463m	9.03	ng	
32) Chrysene	21.31	228	373449m	6.92	ng	
33) Bis(2-ethylhexyl)phthalate	21.19	149	195923	5.33	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.77	276	207345	5.21	ng	94
36) Benzo(b)fluoranthene	22.85	252	469240m	8.86	ng	
37) Benzo(k)fluoranthene	22.89	252	130985m	2.68	ng	
38) Benzo(a)pyrene	23.42	252	336947	7.43	ng	97
39) Dibenzo(a,h)anthracene	25.78	278	50788	1.43	ng	# 84
40) Benzo(g,h,i)perylene	26.47	276	207444	5.58	ng	97

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

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