

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083856.D
 Acq On : 16 Dec 2015 18:57
 Operator : UM/SJ
 Sample : G4836-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-003

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:34:14 PM

Quant Time: Dec 17 04:12:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87345	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	353084	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	176408	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	307628	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	202912	20.00	ng	-0.03
86) Perylene-d12	15.48	264	168278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	438816	81.05	ng	-0.02
7) Phenol-d6	6.52	99	614664	89.65	ng	-0.02
23) Nitrobenzene-d5	7.45	82	410991	65.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	39915	22.21	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	876159	68.77	ng	-0.03
78) Terphenyl-d14	12.99	244	668453	70.86	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	149372	10.86	ng	99
51) Acenaphthene	9.96	154	23649	2.01	ng	98
70) Phenanthrene	11.44	178	239943	14.68	ng	98
71) Anthracene	11.48	178	75555	4.45	ng	98
74) Fluoranthene	12.61	202	273974	16.22	ng	96
77) Pyrene	12.84	202	238597	14.88	ng	99
79) Butylbenzylphthalate	13.46	149	14460	2.10	ng	# 79
80) Benzo(a)anthracene	14.03	228	116286	10.08	ng	99
82) Chrysene	14.07	228	76319	6.78	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	49024	4.44	ng	# 100
87) Benzo(b)fluoranthene	15.07	252	100552m	9.37	ng	
88) Benzo(k)fluoranthene	15.08	252	28105m	2.89	ng	
89) Benzo(a)pyrene	15.41	252	68625	7.16	ng	# 94
91) Benzo(a,h,i)perylene	17.32	276	47545	4.86	ng	97

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

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