

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083857.D
 Acq On : 16 Dec 2015 19:25
 Operator : UM/SJ
 Sample : G4836-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-004

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 04:22:25 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	84754	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	338927	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	173273	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	290347	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	204128	20.00	ng	-0.03
86) Perylene-d12	15.48	264	166120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	557240	106.07	ng	-0.02
7) Phenol-d6	6.52	99	705903	106.10	ng	-0.02
23) Nitrobenzene-d5	7.45	82	421681	69.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	195845	110.92	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	891819	72.06	ng	-0.03
78) Terphenyl-d14	12.99	244	681646	71.83	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	173393	12.84	ng	99
70) Phenanthrene	11.44	178	40116	2.60	ng	98
74) Fluoranthene	12.61	202	70479	4.42	ng	94
77) Pyrene	12.84	202	71349	4.42	ng	99
80) Benzo(a)anthracene	14.03	228	27252m	2.35	ng	
82) Chrysene	14.07	228	25990m	2.30	ng	
87) Benzo(b)fluoranthene	15.06	252	28869m	2.72	ng	
89) Benzo(a)pyrene	15.41	252	19441	2.06	ng	# 89

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

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