

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083989.D
 Acq On : 20 Dec 2015 9:36
 Operator : UM/SJ
 Sample : G4889-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-121815

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:18:28 PM

Quant Time: Dec 21 04:54:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	85782	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	348773	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	149254	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	258788	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	166074	20.00	ng	-0.02
86) Perylene-d12	15.44	264	165822	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	552094	100.72	ng	-0.01
7) Phenol-d6	6.50	99	668990	99.71	ng	-0.01
23) Nitrobenzene-d5	7.41	82	438060	71.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	170781	103.86	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	772028	70.73	ng	-0.03
78) Terphenyl-d14	12.96	244	666140	94.48	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	169907	13.57	ng	Qvalue # 90
70) Phenanthrene	11.39	178	223075	14.27	ng	99
71) Anthracene	11.45	178	58587	3.88	ng	98
74) Fluoranthene	12.58	202	239429	15.35	ng	96
77) Pyrene	12.81	202	207319	19.79	ng	99
80) Benzo(a)anthracene	14.00	228	87232m	8.54	ng	
82) Chrysene	14.03	228	70450m	7.14	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	33133	4.49	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.85	276	43347	5.88	ng	92
87) Benzo(b)fluoranthene	15.03	252	82855m	6.85	ng	
88) Benzo(k)fluoranthene	15.04	252	37279m	3.74	ng	
89) Benzo(a)pyrene	15.38	252	66575	6.67	ng	# 94
91) Benzo(a,h,i)perylene	17.28	276	39785	5.23	ng	96

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

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