

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083543.D
 Acq On : 7 Dec 2015 4:47
 Operator : UM/IZ
 Sample : G4614-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S33-15

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:33 PM

Quant Time: Dec 07 07:06:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	187212	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	710093	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	333077	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	565241	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	378356	20.00	ng	-0.03
86) Perylene-d12	18.65	264	375327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1623732	131.58	ng	-0.01
7) Phenol-d6	5.30	99	2143011	126.04	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1466264	96.52	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	367371	119.57	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	1843453	75.07	ng	-0.05
78) Terphenyl-d14	15.45	244	1282824	75.45	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.66	128	184675	4.89	ng	98
48) Acenaphthylene	10.19	152	80597	2.21	ng	98
49) Dimethylphthalate	10.06	163	642989	24.53	ng	99
51) Acenaphthene	10.48	154	88882	4.23	ng	98
54) Dibenzofuran	10.76	168	121142	4.16	ng	100
57) Fluorene	11.31	166	104354	4.12	ng	97
70) Phenanthrene	12.87	178	1961903	59.63	ng	100
71) Anthracene	12.93	178	381510	11.37	ng	98
72) Carbazole	13.23	167	130162	4.52	ng	99
74) Fluoranthene	14.79	202	2095279	64.26	ng	96
77) Pyrene	15.14	202	1888497	66.72	ng	# 91
80) Benzo(a)anthracene	17.00	228	988612	44.66	ng	96
82) Chrysene	17.05	228	897858	40.71	ng	98
85) Indeno(1,2,3-cd)pyrene	19.88	276	437638	23.15	ng	# 100
87) Benzo(b)fluoranthene	18.27	252	1147834m	54.46	ng	
88) Benzo(k)fluoranthene	18.29	252	169365m	7.84	ng	
89) Benzo(a)pyrene	18.60	252	738846m	36.04	ng	
90) Dibenzo(a,h)anthracene	19.88	278	124488	6.31	ng	# 83
91) Benzo(a,h,i)perylene	20.24	276	393234	19.78	ng	98

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

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