

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079612.D
 Acq On : 30 May 2015 19:41
 Operator : TP/IZ
 Sample : G2420-26 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.13(5)

Manual Integrations
 APPROVED

apatel
 6/1/2015 8:46:50 PM

Quant Time: May 31 07:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65357	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	260279	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	124935	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	237861	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	256686	20.00	ng	-0.06
86) Perylene-d12	17.45	264	252456m	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	79503	21.10	ng	0.00
7) Phenol-d6	6.55	99	107506	22.38	ng	-0.01
23) Nitrobenzene-d5	7.63	82	59334	13.18	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	29135	21.23	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	128784	14.71	ng	-0.02
78) Terphenyl-d14	14.50	244	153014	13.99	ng	-0.03
Target Compounds						Qvalue
70) Phenanthrene	12.54	178	171278	13.13	ng	100
71) Anthracene	12.61	178	41040	3.10	ng	99
74) Fluoranthene	14.01	202	268914	19.22	ng	99
77) Pyrene	14.29	202	230810	14.51	ng	99
80) Benzo(a)anthracene	15.77	228	124828m	8.45	ng	
82) Chrysene	15.81	228	119050m	8.48	ng	
83) Bis(2-ethylhexyl)phthalate	15.84	149	24524	2.39	ng	# 99
85) Indeno(1,2,3-cd)pyrene	18.72	276	75873m	4.20	ng	
87) Benzo(b)fluoranthene	17.03	252	161293m	11.20	ng	
88) Benzo(k)fluoranthene	17.05	252	56043m	4.35	ng	
89) Benzo(a)pyrene	17.38	252	110795	7.16	ng	# 93
91) Benzo(g,h,i)perylene	19.09	276	79458	3.30	ng	96

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

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