

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086193.D
 Acq On : 9 Apr 2016 2:58
 Operator : UM/SJ
 Sample : H2099-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-A-1

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:27 PM

Quant Time: Apr 11 16:30:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	94772	20.00	ng	-0.03
21) Naphthalene-d8	8.04	136	126274	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	102931	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	152666	20.00	ng	0.00
75) Chrysene-d12	13.92	240	200307	20.00	ng	-0.01
86) Perylene-d12	15.30	264	215854	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	642056	115.80	ng	-0.05
7) Phenol-d6	6.38	99	695792	98.80	ng	-0.03
23) Nitrobenzene-d5	7.31	82	405264	189.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	109853	113.71	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	445000	71.88	ng	-0.01
78) Terphenyl-d14	12.85	244	498731	58.53	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.08	128	787509m	123.98	ng	
37) 2-Methylnaphthalene	8.78	142	1269756	306.02	ng	96
45) 1,1'-Biphenyl	9.23	154	205753	23.18	ng	94
51) Acenaphthene	9.85	154	332598	54.26	ng	# 88
57) Fluorene	10.36	166	595597	86.13	ng	# 86
70) Phenanthrene	11.33	178	3574693	429.21	ng	98
71) Anthracene	11.38	178	1009133m	115.67	ng	
72) Carbazole	11.52	167	560670	74.76	ng	# 90
74) Fluoranthene	12.51	202	3506289	404.76	ng	91
77) Pyrene	12.74	202	2936958	208.07	ng	97
80) Benzo(a)anthracene	13.91	228	2455305	207.95	ng	97
82) Chrysene	13.95	228	2299663m	202.19	ng	
85) Indeno(1,2,3-cd)pyrene	16.66	276	937308	101.57	ng	94
87) Benzo(b)fluoranthene	14.92	252	3084555m	227.16	ng	
88) Benzo(k)fluoranthene	14.95	252	128276m	10.67	ng	
89) Benzo(a)pyrene	15.20	252	1143884	95.08	ng	97
90) Dibenzo(a,h)anthracene	16.65	278	266410m	27.52	ng	
91) Benzo(g,h,i)perylene	17.06	276	808185	86.28	ng	96

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

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