

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088490.D
 Acq On : 28 Jun 2016 20:36
 Operator : UM/SJ
 Sample : H3663-07DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUBSURFACEDUPDL

Manual Integrations
 APPROVED

umangi
 6/29/2016 4:41:30 PM

Quant Time: Jun 29 12:49:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	92510m	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	411749	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	178052	20.00	ng	-0.03
63) Phenanthrene-d10	11.03	188	304555	20.00	ng	-0.03
75) Chrysene-d12	13.66	240	179091	20.00	ng	-0.03
86) Perylene-d12	15.02	264	159739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	4904	0.91	ng	0.08
7) Phenol-d6	6.24	99	12636	1.93	ng	0.01
23) Nitrobenzene-d5	7.16	82	5103	0.72	ng	0.03
41) 2,4,6-Tribromophenol	10.35	330	2171	1.15	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.62	244	15388	1.96	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.05	178	274954	17.20	ng	98
71) Anthracene	11.11	178	88483	5.49	ng	98
72) Carbazole	11.28	167	40036	2.65	ng	99
74) Fluoranthene	12.24	202	575856	34.14	ng	99
77) Pyrene	12.47	202	465923	35.06	ng	99
80) Benzo(a)anthracene	13.66	228	259586m	25.44	ng	
82) Chrysene	13.69	228	245504m	25.57	ng	
85) Indeno(1,2,3-cd)pyrene	16.24	276	198467	22.25	ng	# 100
87) Benzo(b)fluoranthene	14.66	252	379022m	34.04	ng	
88) Benzo(k)fluoranthene	14.67	252	102609m	12.22	ng	
89) Benzo(a)pyrene	14.96	252	236779	26.29	ng	98
90) Dibenzo(a,h)anthracene	16.24	278	70250m	8.40	ng	
91) Benzo(a,h,i)perylene	16.61	276	198538	23.07	ng	97

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

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