

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093169.D
 Acq On : 25 Feb 2017 2:47
 Operator : SJ/MA
 Sample : I1955-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:03 PM

Quant Time: Feb 27 10:17:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165398	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	597031	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	280319	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	393874	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	304255	20.00	ng	-0.01
86) Perylene-d12	15.45	264	290588	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1199025	124.37	ng	-0.01
7) Phenol-d6	6.48	99	1519639	122.51	ng	-0.01
23) Nitrobenzene-d5	7.40	82	865169	80.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	215825	106.45	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1320325	85.33	ng	-0.01
78) Terphenyl-d14	12.96	244	723922	55.91	ng	-0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	30427	3.42	ng	84
10) Phenol	6.50	94	60355	4.16	ng	# 69
20) 3+4-Methylphenols	7.26	107	58860	5.40	ng	# 64
31) Naphthalene	8.14	128	1096435	36.23	ng	99
37) 2-Methylnaphthalene	8.84	142	51293	2.64	ng	93
49) Dimethylphthalate	9.60	163	261878	13.87	ng	98
70) Phenanthrene	11.39	178	385752	17.09	ng	98
71) Anthracene	11.44	178	101780	4.49	ng	98
73) Di-n-butylphthalate	11.93	149	112863	4.82	ng	98
74) Fluoranthene	12.59	202	654414	28.11	ng	96
77) Pyrene	12.81	202	655796	28.80	ng	98
80) Benzo(a)anthracene	14.00	228	510102	27.41	ng	98
82) Chrysene	14.03	228	368561	21.15	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	277714	20.58	ng	97
87) Benzo(b)fluoranthene	15.04	252	604150m	31.59	ng	
88) Benzo(k)fluoranthene	15.06	252	205933m	12.47	ng	
89) Benzo(a)pyrene	15.38	252	461556	27.90	ng	# 93
90) Dibenzo(a,h)anthracene	16.85	278	71017m	5.31	ng	
91) Benzo(a,h,i)perylene	17.28	276	265477	19.65	ng	# 90

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

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