

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082053.D
 Acq On : 5 Oct 2015 19:27
 Operator : UM/IZ
 Sample : G3892-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOP-SOIL-SAMPLE

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:54:09 PM

Quant Time: Oct 05 20:02:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	101540	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	396552	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	178540	20.00	ng	-0.06
63) Phenanthrene-d10	11.42	188	332389	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	238150	20.00	ng	-0.06
86) Perylene-d12	15.51	264	217238	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	844636	151.00	ng	-0.03
7) Phenol-d6	6.51	99	1029066	146.21	ng	-0.05
23) Nitrobenzene-d5	7.45	82	662595	111.38	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	297980	164.80	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1159412	117.10	ng	-0.06
78) Terphenyl-d14	13.01	244	1060778	-20.00	ng	-0.05
Target Compounds						Qvalue
48) Acenaphthylene	9.78	152	85823	4.96	ng	98
49) Dimethylphthalate	9.65	163	323175	26.22	ng	# 97
70) Phenanthrene	11.44	178	633389	39.39	ng	97
71) Anthracene	11.49	178	131463	7.78	ng	99
72) Carbazole	11.65	167	81670	5.34	ng	95
74) Fluoranthene	12.63	202	986454	55.40	ng	91
77) Pyrene	12.86	202	779491	54.79	ng	95
80) Benzo(a)anthracene	14.05	228	452005	35.25	ng	# 90
82) Chrysene	14.08	228	343048	25.25	ng	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	13880m	2.07	ng	
85) Indeno(1,2,3-cd)pyrene	16.94	276	203487	20.28	ng	# 83
87) Benzo(b)fluoranthene	15.09	252	562726m	45.37	ng	
88) Benzo(k)fluoranthene	15.11	252	118354m	10.41	ng	
89) Benzo(a)pyrene	15.45	252	328286	30.51	ng	# 82
90) Dibenzo(a,h)anthracene	16.95	278	43353m	4.80	ng	
91) Benzo(g,h,i)perylene	17.37	276	168766	18.24	ng	# 75

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

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