

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086509.D
 Acq On : 29 Apr 2016 23:20
 Operator : UM/SJ
 Sample : H2764-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-008

Manual Integrations
 APPROVED

sohil
 4/30/2016 11:22:56 AM

Quant Time: Apr 30 02:10:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	155997	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	642711	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	252803	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	415176	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	318940	20.00	ng	-0.03
86) Perylene-d12	15.33	264	246232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1014538	112.18	ng	-0.02
7) Phenol-d6	6.42	99	1282553	101.61	ng	-0.02
23) Nitrobenzene-d5	7.34	82	850334	71.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	236007	88.53	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1231945	85.36	ng	-0.03
78) Terphenyl-d14	12.89	244	871355	60.19	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	132639	6.97	ng	99
70) Phenanthrene	11.32	178	51027	2.34	ng	98
74) Fluoranthene	12.51	202	136340	6.20	ng	92
77) Pyrene	12.73	202	114517	4.98	ng	98
80) Benzo(a)anthracene	13.92	228	72698	4.28	ng	98
82) Chrysene	13.95	228	65256	3.53	ng	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	30260	2.21	ng	98
87) Benzo(b)fluoranthene	14.93	252	72796m	5.03	ng	
88) Benzo(k)fluoranthene	14.95	252	41383m	2.74	ng	
89) Benzo(a)pyrene	15.28	252	48087	3.52	ng	# 80
91) Benzo(g,h,i)perylene	17.08	276	26445	2.36	ng	# 88

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

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