Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083755.D
Acq On : 14 Dec 2015 3:42
Operator : UM/IZ
Sample : G4760-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121015-SOIL-POPH

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:56 PM

Quant Time: Dec 14 06:59:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	117403m	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	408115m	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	231675	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	280460	20.00	ng		0.00
75) Chrysene-d12	14.10	240	275853	20.00	ng		0.02
86) Perylene-d12	15.54	264	308847	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	723253	99.38	ng		0.00
7) Phenol-d6	6.54	99	821865	89.18	ng		0.00
23) Nitrobenzene-d5	7.48	82	435608m	59.72	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	152317	64.52	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	611465	32.93	ng		0.00
78) Terphenyl-d14	13.04	244	465677	36.31	ng		0.01
Target Compounds							Qvalue
22) Acetophenone	7.32	105	144019m	14.38	ng		
31) Naphthalene	8.24	128	860474m	40.45	ng		
37) 2-Methylnaphthalene	8.93	142	123676m	9.26	ng		
45) 1,1'-Biphenyl	9.39	154	99664	4.85	ng		96
48) Acenaphthylene	9.84	152	1266736	49.68	ng	#	95
49) Dimethylphthalate	9.68	163	141311	7.82	ng	#	60
51) Acenaphthene	10.00	154	422673	27.42	ng		98
70) Phenanthrene	11.48	178	2244095	150.62	ng		96
71) Anthracene	11.53	178	1212875	78.38	ng		98
72) Carbazole	11.68	167	49021	3.40	ng	#	64
74) Fluoranthene	12.69	202	1294618	84.09	ng		96
77) Pyrene	12.92	202	2093941	96.04	ng		95
80) Benzo(a)anthracene	14.09	228	1432642	91.33	ng	#	95
82) Chrysene	14.12	228	1229588m	80.37	ng		
85) Indeno(1,2,3-cd)pyrene	16.97	276	297287	19.79	ng	#	100
87) Benzo(b)fluoranthene	15.13	252	1003812m	50.95	ng		
88) Benzo(k)fluoranthene	15.14	252	213536m	11.96	ng		
89) Benzo(a)pyrene	15.48	252	905151	51.48	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	100934	5.77	ng	#	83
91) Benzo(g,h,i)perylene	17.40	276	300950	16.75	ng		100

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

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