

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082340.D
 Acq On : 16 Oct 2015 22:07
 Operator : UM/IZ
 Sample : G4046-05 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANAHAWKENINSULATION

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:32 PM

Quant Time: Oct 19 14:52:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50949m	20.00	ng	0.09
21) Naphthalene-d8	8.21	136	243756	20.00	ng	0.08
38) Acenaphthene-d10	9.95	164	129905	20.00	ng	0.07
63) Phenanthrene-d10	11.45	188	251052	20.00	ng	0.08
75) Chrysene-d12	14.14	240	193227	20.00	ng	0.07
86) Perylene-d12	15.67	264	228738	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	9602	3.80	ng	0.10
7) Phenol-d6	6.56	99	13795	4.20	ng	0.08
23) Nitrobenzene-d5	7.49	82	7172	1.98	ng	0.07
41) 2,4,6-Tribromophenol	10.74	330	4726	3.88	ng	0.06
44) 2-Fluorobiphenyl	9.28	172	23785	3.04	ng	0.07
78) Terphenyl-d14	13.03	244	32499	4.46	ng	0.07

Target Compounds

						Qvalue
31) Naphthalene	8.23	128	57366	5.43	ng	97
37) 2-Methylnaphthalene	8.91	142	17821	2.43	ng	98
51) Acenaphthene	9.99	154	162111	22.23	ng	99
54) Dibenzofuran	10.16	168	71985	7.19	ng	95
57) Fluorene	10.50	166	153586	18.68	ng	100
70) Phenanthrene	11.49	178	2957899	240.37	ng	95
71) Anthracene	11.52	178	682256	53.80	ng	98
72) Carbazole	11.68	167	679669	58.76	ng	99
74) Fluoranthene	12.69	202	4336567	328.11	ng	93
77) Pyrene	12.92	202	3560116m	310.46	ng	
80) Benzo(a)anthracene	14.13	228	2238388	222.64	ng	97
82) Chrysene	14.17	228	2230234m	210.53	ng	
83) Bis(2-ethylhexyl)phthalate	14.10	149	1040553	139.37	ng	# 55
84) Di-n-octyl phthalate	14.77	149	1895846	147.86	ng	# 100
85) Indeno(1,2,3-cd)pyrene	17.18	276	993282	117.97	ng	95
87) Benzo(b)fluoranthene	15.25	252	2538863m	182.44	ng	
88) Benzo(k)fluoranthene	15.26	252	1025754m	87.69	ng	
89) Benzo(a)pyrene	15.62	252	1630303	136.32	ng	97
90) Dibenzo(a,h)anthracene	17.18	278	242180	24.71	ng	95
91) Benzo(a,h,i)perylene	17.62	276	841659	88.40	ng	98

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

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